

1989

Clemson Newsletter, 1989-1991

Clemson University

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Clemson

WEEKLY

Vol. 29, No. 1

July 12, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Biotech research enters next phase

In the next step of Clemson's biotechnology research, University scientists will look at how ecosystems in the soil affect genetically engineered microorganisms released into the environment.

The two-year project is scheduled to begin this month. Initial work will be conducted in growth chambers on campus and later will be moved to a soybean test plot at the Edisto Research and Education Center in Blackville.

The engineered organism, used in two previous Clemson field tests, is not harmful to humans, plants or animals, according to the Environmental Protection Agency and the U.S. Department of Agriculture.

So far, Clemson scientists have proven that genetically engineered microorganisms released into the environment stay where they are put and decrease in number over time.

C.U.-Citadel master's program gets director

James K. Nelson Jr. has been named director of Clemson's new master's program in civil engineering, which will be taught at The Citadel this fall.

Nelson, former assistant professor of civil engineering at Texas A&M University, will oversee the Charleston program.

Designed for part-time students, the program will offer courses taught by both Clemson and Citadel faculty.

In addition, occasional courses will be taught through Telecampus, a Clemson program that broadcasts classes live through closed-circuit television.

Barbershop concert set for July 22

A concert featuring a variety of barbershop quartets will be held Saturday, July 22, at 8 p.m. in Tillman Auditorium.

Tickets are \$6 and are on sale at Lynch's Drug Store in Clemson and at the door.

The concert is part of the annual "Dixie Lakeside Harmony Weekend," a barbershop singers educational weekend to be held on campus July 21-23.

The weekend will feature barbershop quartets from six Southeastern states and the 1973 international barbershop champions.

For more information, call Al Robinson at 882-9437.

Alumni Association gets marketing director

A former merchandising manager for RCA Records and Atlantic Recording Corp. has been named marketing director for the Clemson Alumni Association.

Myra Cochnar of Anderson will develop, manage and market Clemson-oriented products and services sponsored by the Alumni

Association.

Cochnar is an alumna of Pace College's business program in New York.

She also will serve as advertising director for the *Clemson World* quarterly magazine and its companion quarterly tabloid, *Clemson World News*.

Kangun named marketing department head

Norman Kangun of Houston, Texas, is the new marketing department head in the College of Commerce and Industry.

A marketing professor at the University of Houston-Clear Lake since 1984, Kangun comes to Clemson with 28 years' experience in higher education.

He has taught at the universities of Georgia, Texas at Arlington, Illinois, Oklahoma and

Nebraska, and at the Norwegian School of Economics in Bergen, Norway.

Kangun earned his bachelor's degree in business administration with a joint major in marketing and economics from the University of Oklahoma in 1959.

He earned his M.B.A. and D.B.A., with emphasis in marketing, at Indiana University in 1960 and 1965, respectively.

Top Libraries employee

Ruth Taylor is the C.U. Libraries classified staff employee of the year for 1988-89.

She was recognized for her work attendance, positive professional interaction, extraordinary achievements and innovative suggestions.

Taylor has worked in the public documents unit for nine years.

She recently was elected vice chairman of the Commission on Classified Staff Affairs.

Briefly

Defensive driving courses

Free defensive driving courses will be held Thursday, July 20, and Thursday, Aug. 3, in the police department courtroom.

Sponsored by the risk management and safety department, the courses will last from 8 a.m. to 4:30 p.m.

For details, call Freddie Harbin at 656-3365.

Say 'no' to chain letters

Chain letters using University mailing labels or interoffice envelopes violate Clemson's policy on the misuse of funds and property (Section X.2.7 of the C.U. Personnel Manual).

If you receive such a letter, contact Director of Postal Services Katrina Skelton at 656-2352 or Director of Information Support Services Lydia Wisenart at 656-0162.

Color folders available

Full-color pocket folders with a photograph of Tillman Hall on the cover are available from Central Stores.

Printed on high-gloss stock, the folder features a brief introduction to Clemson and a campus map.

To order, use the standard Central Stores order forms or call 656-2332.

Staff Commission meeting

The next meeting of the Commission on Classified Staff Affairs will be held Tuesday, July 18, at 10 a.m. in 113 Lehotsky Hall.

All employees are welcome.

For details, call Judy Nicks at 656-2598.

Black faculty, staff picnic

The C.U. Black Faculty/Staff Association will sponsor a picnic Friday, July 14, at 5:30 p.m. at Y-Beach.

For details, call Cheryl Adams at 656-4675.

Free computer courses

The consulting and technical services department is sponsoring free short courses this summer on

using personal computers, the NAS mainframe and the VAX.

To register or to get more information, call the CTS help desk at 656-3494.

Summer short courses

Here are the University Union's short courses for the summer:

July 13-14

Beginning Shagging,
5:30-6:30 p.m.

Intermediate Shagging,
6:30-7:30 p.m.

Ballroom Dancing,
7:30-8:30 p.m.

July 23 and July 30

CPR, 4-6 p.m.

July 24 and July 31

CPR, 4-5 p.m.

July 18, 20, 26, 27

Hammock Making, 5-8 p.m.

For more information, call 656-2461.

Save on movie, park tickets

The University Union will have discount movie tickets again this year.

The tickets cost \$3.25 each and are good at any United Artist theater in Anderson, Easley or Greenville.

The Union also has advance Six Flags and Carowinds tickets that can save you as much as \$5 off the parks' regular admission prices.

For details, call the Union at 656-2461.

Fee-hunting symposium

The first Symposium on Fee-Hunting on Private Lands in the South will be held on campus July 23-25. The registration deadline is Saturday, July 15.

For details, call Greg Yarrow at 656-3117.

Your response so far has been great!

The majority of you seem to prefer having your *Weekly* labeled. (Apologies to our off-campus employees — but it's faster not to label those copies.)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is **FRIDAY, July 14**, for July 26 issue.



Clemson

WEEKLY

Vol. 29, No. 2

July 21, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Research programs highlight meeting

The Board of Trustees last Saturday got an overview of two new programs and a pair of on-going research proposals potentially worth more than \$100 million

Interactive Video Institute

A partnership with the Clemson Interactive Video Institute (CIVI), a newly formed, for-profit corporation, eventually will bring interactive video to Clemson classrooms, Jay Gogue, vice president for research, told the Board.

Interactive video, the technology that allows the user to interact with computer software through touch-sensitive screens, is being developed for classroom use through an agreement with CIVI. (see below)

Toxicology Institute

The Institute of Wildlife and

Environmental Toxicology was moved intact here from Western Washington University in May.

Director Ron Kendall said the program will focus on solving environmental problems associated with toxic chemicals, particularly hazards to wildlife.

The institute plans to break ground soon for a research facility in Pendleton.

"In our first week at Clemson, we submitted seven grant proposals, and six have been funded. The seventh is pending, which would bring the total in new external funding to \$1.7 million," Kendall said.

He said the institute plans to host an international symposium on environmental computing in 1990, with funding for the event coming from industry and the U.S. Environmental Protection Agency.

(continued on back)

— Board capsule —

At its meeting last Saturday, the Board of Trustees:

- approved the 1989-90 budget, which includes a tuition increase of 6.5 percent for in-state students and 8.5 percent for out-of-state students (annual tuition and fees for the coming academic year will be \$2,364 for in-state students and \$6,326 for out-of-state students);

- re-elected Life Trustee Louis Batson Jr. to a third term as chairman;

- heard updates on the new Clemson Interactive Video Institute, the Institute of Wildlife and Environmental Toxicology and two potential research projects worth some \$110 million.

(For details on the meeting's research reports, see the related stories on this page.)

Interactive video to enter Clemson classrooms

What may look and sound like a video game is just a step away from becoming a state-of-the-art teaching tool at Clemson.

Interactive video, the technology that allows the user to interact with a computer through touch-sensitive screens, is now being developed for classroom use here through an agreement between the University and a newly formed, for-profit corporation, the Clemson Interactive Video Institute (CIVI).

The project teams pairs of interactive video experts with educators to come up with innovative teaching tools.

Dori Helms, associate dean for instruction in the College of Sci-

ences, already has worked with CIVI marketing director David Kay to develop a lesson on genetics.

"The screen starts off by showing us the basic structure of DNA. Then it branches off by asking students to press a certain block on

the screen if they're interested in knowing about biotechnology, a different block if they're interested in learning about gene therapy, and so on."

Another application being dis-
(continued on back)

Sertoma commitment to benefit Outdoor Lab

The Sertoma Clubs of South Carolina are committing to a new \$250,000 promotion of special summer camping activities at Clemson's Outdoor Laboratory.

The Sertoma pledge came as the board of the Rainbow for Hope Endowment received new or expanded commitments from other service groups that support

programs at the Outdoor Lab.

The Lake Hartwell facility has served the state's special populations — including the handicapped and the underprivileged — for more than a decade.

While publicly owned, the Outdoor Lab receives most of its support for summer camping programs from private sources.

Research (cont.)

Additional funding opportunities in the area of developing computer models for use in environmental research hinge on Clemson's acquiring supercomputing capabilities, he said.

Research proposals

Gogue briefed the Board on two major research proposals that may bring substantial additional support to Clemson.

"We have made an active effort to seek out partners in industry and among other universities to improve our chances of getting some major contracts," Gogue told the Board.

"In two different competitions — one in composite materials worth \$40 million and another in supercomputing worth \$70 million — our teams have made it down to the final cut," he said. "We're

among the three finalists for these two projects. We may not get both or either, but it's significant

that Clemson is still in the running, because this is definitely the 'big leagues.'"

Interactive video (cont.)

cussed is software to teach dyslexics how to overcome their reading disability, says Lewis Duncan, associate dean for research for the College of Sciences.

"CIVI is working to create software that will determine a student's precise weakness, then help the student overcome that weakness through interactive video."

In the agreement, AT&T has transferred exclusive license for developing, maintaining and marketing interactive video systems to CIVI through the Clemson University Research Foundation.

In essence, each time CIVI sells software to other schools and institutions, profits will be split between the research foundation, AT&T and CIVI.

*A memorial service for
Psychology Professor Norman R. Schultz Jr.,
who was killed in an accident last Friday,
will be held Monday, July 24,
at 1 p.m. in Daniel Hall Auditorium.*

Free media-training workshops available to departments

The news services department will conduct free, in-house workshops for University groups each Wednesday in August on "Dealing with the News Media."

"These workshops are designed to help faculty, staff and

administrators become more effective in dealing with reporters," says Cathy Sams, director of news services.

"We also will tailor workshops to meet a department's specific needs."

The program covers:

- What to do when a reporter calls
- Requirements of the S.C. Freedom of Information Act
- Tips on preparing for an interview
- Advice on handling adversarial ("hostile") interviews
- Special considerations for television interviews
- University media policies and procedures
- Answers to questions about the news media

"Not only will these workshops benefit those who want to communicate a Clemson-oriented message effectively to the public, but also those who may be called upon to respond to Freedom of Information requests," says Sams.

The workshops — scheduled on a first-come, first-served basis — can be arranged for Aug. 2, 9, 16, 23 or 30 by calling Sams at 656-3864.

JOHN M FORD
TRUSTEE HOUSE
5606
NEWS SERVICES

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is MONDAY, July 24, for Aug. 2 issue.



Clemson

WEEKLY

Vol. 29, No. 3

Wednesday, July 26, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

STI, Extension, Experiment Station to assist communities

A new Clemson initiative will assist communities throughout the state seeking assistance with community and economic development issues.

The Community and Economic Development Program — a joint undertaking of the Strom Thurmond Institute, the C.U. Cooperative Extension Service, and the S.C. Agricultural Experiment Station — will help counties, towns and cities evaluate potential solutions to problems in areas such as:

- water and sewer system management
- public service/public safety organization
- land-use planning
- needs-assessment surveys
- tourism promotion
- comprehensive planning and growth management
- development and use of

recreation resources/facilities.

- transportation
- education
- local government
- environmental quality
- health care

The statewide network of county Extension offices and research and education centers will serve as initial contacts. They and program administrators will consult with community leaders,

then use Clemson resources to develop and implement workable solutions.

President Max Lennon and Gov. Carroll Campbell announced the program yesterday (July 25) at the State Development Board's Economic Development Allies meeting in Columbia.

Alumni Professor Jim Hite will serve as the program's interim coordinator.

Staff Commission sets '89-90 agenda

At its July meeting, the Commission on Classified Staff Affairs established a 1989-90 agenda that includes examination of University compensation and fringe benefits packages and increased communication with the Legislature and other state groups.

The Commission also plans to:

- review University personnel procedures, including the progres-

sive discipline policy and the new Employee Performance Management System;

- review the parking system;
- review employee training and recognition programs;
- seek more staff representation on University search committees;
- continue the Classified Staff Scholarship Drive.

— '89-90 pay picture —

All employees (staff, faculty, administrators) get:

- a one-time, lump-sum payment (Dec. 8).
- \$286 for employees making \$20,000 or less annually
- \$143 for employees making \$20,000 or more annually

(The lump-sum payment will not count toward retirement. Usual state, federal and Social Security taxes will be deducted. Employees must have been employed here on or before June 2.)

Staff (classified employees) get:

- a 2-percent general pay increase (July 1).
- a 2-percent general pay increase (Jan. 1, 1990).

(In addition to state increases, the University has allocated \$575,000 for staff reclassifications and reallocations.)

Faculty, academic administrators (unclassified, academic employees) are:

- eligible for general pay increases of 0-8 percent (Sept. 29).
 - eligible for salary adjustments (Sept. 29).
- (The University has allocated \$800,000 for faculty salary adjustments.)*

Administrators (unclassified, non-academic employees):

- will get an average general increase of 4 percent (Sept. 29).
- are eligible for salary adjustments consistent with academic department heads and deans.

Temporary employees get:

- no increases. *(However, temporary employees hired after July 1 will be paid on 1989-90 pay scales.)*

Briefly

Dropout prevention grant

The National Dropout Prevention Center has received a grant of nearly \$400,000 from the U.S. Department of Education to demonstrate the effectiveness of combining vocational education with a dropout reduction program.

The center will co-manage the project — to be conducted at sites in South Carolina, Florida and Maryland — with a center at The Ohio State University.

The Center's proposal was one of 10 chosen nationally from a field of more than 200.

Orange Carpet Day

Approximately 2,000 top high-school seniors have been invited to attend the 11th annual Orange Carpet Day here this weekend.

The students and their parents will be welcomed with a cookout and reception on the lawn of the Calhoun Mansion. They will tour the campus and visit with students, faculty and administrators.

Orange Carpet Day is spon-

sored by the Admissions Office.

Invitations are sent to rising seniors who demonstrate outstanding academic ability and who have expressed an interest in attending Clemson.

New appointments

Some recent appointments here include:

Herman G. Green, *director of the Center for the Study of the Black Experience in Higher Education.*

The Center was established here a year ago to study the recruitment and retention of black students, faculty and staff in higher education and to serve as a research center for other issues affecting the black experience in higher education.

David A. Winn, *director of student development programs.*

He will direct and administer student service programs ranging from student discipline to academic support services, including substance abuse education.

Mary de Chesnay, *head of*

research in the College of Nursing.

She is a former nursing professor at the University of Alabama School of Nursing in Birmingham and has conducted research on a number of health-related topics over the past 18 years, ranging from gerontology to incest and sexual abuse.

Pat Padgett, *director of development for the College of Nursing.*

Former business associate for the College, she will be responsible for developing a comprehensive fund-raising program in conjunction with the University Development Office directed toward corporate, foundation and individual donors.

Ron Alexander, *wellness coordinator, College of Nursing.*

Former coach and wellness coordinator at Umpqua Community College in Roseburg, Ore., he will conduct wellness and fitness programs for faculty, staff and students.

Increases support

Mount Pleasant resident John T. Mundy has increased to \$300,000 his financial support for academic programs at Clemson.

Mundy, a retired executive of S.C. Electric and Gas Co. and 1928 Clemson graduate, established in June a sixth \$50,000 trust to benefit Clemson.

The new agreement will provide graduate fellowships in engineering, as will three other trusts already set up by Mundy.

In addition, he has established trusts to provide undergraduate engineering scholarships and to support the Evelyn Marguerite Wilson Mundy Professorship in Nursing, named for his late wife.

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Editor, *Clemson Weekly* Mark Ford

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Clemson

WEEKLY

Vol. 29, No. 4

Wednesday, Aug. 9, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

University to modify telephone service, on-campus dialing to change

On Saturday, Aug. 12, the University will modify its telephone system in anticipation of adding a new campus exchange within the next year.

The most immediate change users will encounter is that, after Aug. 12, on-campus calls will require dialing the entire 7-digit number (656-xxxx) instead of the usual four-digit number.

(Off-campus calls will remain the same, requiring a "9" before the number.)

The change is the result of growing campus demand for tele-

phone service.

"Because the University has been growing so rapidly, we have almost run out of 656- telephone numbers," says Randal Davis, director of the telecommunications department.

"This new exchange, when installed, will allow us to add thousands more numbers for years to come."

The new exchange is expected to apply only to campus dorms, says Davis.

All other University numbers will retain the usual 656- prefix.

Graduation to honor missionary, scientist

Martha Franks, a retired Baptist missionary who served in China and Taiwan for 41 years, and Monsanto Co.'s Howard A. Schneiderman, who led the company into biotechnology initiatives with Clemson and other universities, will be awarded honorary degrees at graduation Aug. 12.

Fluor Corp. President Leslie G. McCraw Jr. will address the approximately 680 candidates to receive bachelor's, education

specialist, master's and doctoral degrees at the 11 a.m. ceremony in Littlejohn Coliseum.

McCraw and John B. Amos, chairman and CEO of American Family Corp. and American Family Life Insurance Co., will receive the President's Award. McCraw is a 1956 Clemson alumnus, and Amos serves as national chairman of the \$3.7 million campaign to endow the Strom Thurmond Institute.

August graduation

Staff can march in graduation ceremony

Classified staff members with master's or doctoral degrees are invited to march in summer graduation exercises Aug. 12, says Staff Marshal Ben Morton.

"Many classified staff don't realize it, but those holding advanced degrees are eligible to participate at every graduation," he says.

Staff members have their own banner and march as a group behind the faculty into Littlejohn Coliseum.

"It is important for us to participate," Morton says. "This is Clemson's top academic exercise, and through it we can represent the contributions classified staff, as a whole, make to higher education and to the University."

Staff members first were invited to participate in graduation some two years ago. Morton, with 22 years of service and a master's degree, is the University's senior classified staff member and was therefore designated staff marshal.

For details on how to participate, call Morton at 656-3102.

Dates to remember...

Thursday, Aug. 10
— **Black Faculty/Staff Association** meets, 5 p.m., 300 Sikes Hall (656-5815)

Tuesday, Aug. 15
— **Deadline** for 1989 Young Alumnus of the Year Award (656-2345)

Tuesday, Aug. 22
— **Welcome Back Festival**, 5 p.m., downtown Clemson (656-2345)

Starting Tuesday, Aug. 22
— **Cooper Library tours** (656-5179)

Reminder:

University parking decals need to be on your vehicles by

Aug. 15.

Departmental notes

Here are departmental notes submitted during spring semester but held for year-end publication:

ADMINISTRATIVE PROGRAMMING SERVICES

George Alexander (Dir) published "Should Students Permit the Registrar to Access Their Records?" in the Winter issue of CAUSE/EFFECT.

Alexander and Richard Meyer (Assoc Dir, Libraries) contributed a chapter to a forthcoming book titled Campus Strategies for Libraries and Electronic Information.

Judith Nicks (Sr Analyst) and Elizabeth Neil (Sr Analyst) presented "Online Security in a University Environment" at the CUMREC '89 conference in Cambridge, Mass., May 14-17.

Nicks and Cathy Davis (Prog-Analyst) presented "Employee Information System" Feb. 8 at the Women in Higher Education Network meeting in Clemson.

AGRICULTURAL COMMUNICATIONS

Elizabeth Hall (Exp Sta Ed), Shawn DeLong (Broadcast Ed), Ron Addis (Asst Dir), Judy Liska (Graph Des), Tom Lollis (Area News Ed, Edisto REC) and Pete Pepinsky (Dir) received a Grand Award from the Southeastern district of the Council for Advancement and Support of Education for the department's "Wheat Take-All Public Relations Strategy" for the Clemson-Monsanto biotechnology field test.

The strategy received a national Bronze Medal from CASE and a national Honorable Mention Award from the Agricultural Communicators in Education.

The department also received three other national Honorable Mention Awards from ACE:

Addis and Dale Cochran (Graph Des) — "Soybean Leaflet and Notebook."

Danny McNeill (Ext News Ed) — "Farm Safety Series."

Charlene Mayfield (Graph Des), Addis and Pepinsky — "Innovative Public Relations Initiatives — Marketing Clemson University's Agricultural Sales Center."

DeLong and Pepinsky presented, respectively, "Media Training for Scientists" and "Interactive Video in South Carolina" at the Southern Association of Agricultural Scientists conference Feb. 6 in Nashville.

Pepinsky presented "Interactive Video as a Marketing Tool" at the regional ACE conference March 16 in Orlando, Fla.

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

B.L. Dillman (Prof) and Gordon L. Carriker (Grad Stu) published "A Full-Cost Water Pricing Strategy for South Carolina Rural Water Utilities," sponsored by the Strom Thurmond Institute, 1988.

J.C. Hite (Alumni Prof) and M.S. Henry (Prof) presented "The Changing Spatial Context of Rural Economies: Rethinking the Fundamentals of Rural Development" at the North American Regional Science Association meetings in Toronto, Nov. 11-13, 1988.

Hite and Holly Ulbrich (Alumni Prof, econ) published "Subsidizing Water Users or Systems" in Land Economics, November 1988.

Hite was named the outstanding graduate of Clemson's Water Resources Research Institute programs.

AGRICULTURAL EDUCATION

Glen Shinn (Head) received the Outstanding Paper Presentation Award for "Missions, Initiatives and Obstacles to Research in Agricultural Education: National Delphi Involving External Expert Advisers" at the American Vocational Association conference in St. Louis in December 1988.

AGRICULTURAL ENGINEERING

The following presented papers at the ASAE winter meeting in Chicago Dec. 13-16, 1988:

T. N. Burcham (Grad Stu) and J.C. Hayes (Assoc Prof) — "Machine Vision for Sediment Concentration Determination."

Y.J. Han (Asst Prof) and Hayes — "Evaluation of Image Processing Method for Measuring Crop Cover."

M.J. Buschermohle (Grad Stu), J.M. Bunn (Prof) and R.A. Spray (Prof) — "Moisture Migration in Stored Grain."

C.E. Hood (Prof), R.E. Williamson (Prof) and Y. Alper (Prof, Technion, Israel) — "Multiple-Purpose Vegetable Production Machine Investigations."

S.V. Bowers (Grad Stu), R.B. Dodd (Assoc Prof) and Han — "Nondestructively Evaluating Peaches with Split Pits by X-Ray."

Dodd, Bowers and M.J. Delwiche (Univ Cal-Davis) — "Nondestructively Determining and Sorting Peaches with Split Pits."

T.P. Aydt (Grad Stu) and C.L. Weller (Asst Prof) — "Edible Film Production from Corn and Soy."

Dodd, S.A. Hale (Vstg Instr), A. Khalilian (Assoc Prof, Edisto), T.H. Garner (Prof) — "Three-Point Hitch Dynamometer Using Standard Lift Links."

Alejandro Reyes (Grad Stu), Dodd and Garner — "Portable Data Acquisition for Soil Compaction Studies."

Garner, J.D. Barger (USDA-ARS) — "Cottonseed Fragment Contamination and Fabric Imperfections."

Gang-Jhy Wu (Grad Stu) and Hood — "A Finite Element Model Analysis of an Irrigation A-Frame."

J. L. Dunlap (Inst Supv), K.W. Martin (Grad Stu) and D.E. Brune (Assoc Prof) — "Enhancing Signal-to-Noise Ratio in Conductivity Measurement."

Brune, J. Doolittle (SCS) and R.K. White (Prof) — "Locating Lagoon Seepage with Ra-

dar and Electromagnetic Survey."

R.E. Young (Prof), Dunlap and Hale (Vst Inst) — "Instrumentation Improvements in the Clemson SPAR System."

C.A. Krueger (former Grad Stu) and J.M. Bunn (Prof) — "Adding a Wetting Routine to Thompson's Model."

Hayes and Burcham — "Design Features of a Mobile Rainfall Simulator."

Garner, Khalilian and M.J. Sullivan (Prof, entom, Edisto) presented "Deep Tillage for Cotton in Coastal Plain Soils Costs/Returns" at the Beltwide Cotton Research conference in Nashville Jan. 6.

Garner, Dodd, Dan Wolf and U.M. Peiper (Technion, Israel) published "Force Analysis and Application of the Three-Point Hitch Dynamometer" in Transactions of ASAE, 1988.

The following presented papers at the American Society of Agronomy (ASA) meeting in Anaheim, Calif., Nov. 27 - Dec. 2, 1988:

D.J. Smith (Ag Sci Assoc), R.G. Hammond (Prog Analyst) and D.E. Linvill (Prof) — "Weather Advisory Guidance Software."

Smith, Linvill, G. Johnson and K. Perry (NC St Univ) and B. Palmer (National Weather Service) — "Cooperative Agricultural Weather Programs in the Carolinas."

Linvill, Smith and S. Doty (NCDC) — "Climate Data for Computer-Aided Decision Report."

The following presented papers at the Southern Association of Agricultural Scientists (SAAS) meeting in Nashville Feb. 3-8:

White and A. S. Badr (S.C. Water Res Comm) — "HEC 5 as a Management Tool in Savannah River Reservoirs During Flood and Drought Times."

Linvill, Smith and D.R. Decouteau (Asst Prof, hort) — "Describing the Radiative Environment Surrounding Young Tomato Plants Grown With Plastic Mulch."

The following presented papers at the World Aquaculture Society meeting in Los Angeles in March:

Brune and A.O. Eversole (Prof, AFW) — "Impact of Crawfish on Pond Nutrient Dynamics."

Brune and C. Drapcho (Grad Stu) — "A Theoretical Analysis of the Partitioned Aquaculture System."

Brune, K.E. Martin (Grad Stu) and Dunlap — "An Electronic Technique for Monitoring the Mixing Dynamics of Aquaculture Ponds."

Brune, Yantarasri, T., A. Garcia III (Texas A&M Univ) — "A Thermodynamic Model of Nitrification Kinetics."

Brune and J. Tomasso (Assoc Prof, afw) — "Aquaculture Water Quality: The Emergence of an Applied Discipline."

D.E. Linvill presented two papers at the NSF Drought Water Management workshop in Washington, D.C., Nov. 1-2, 1988:

— "Agricultural Weather Offices: A Source for Drought Assessment and Action."
— "Animal Feed Supply Management in Times of Drought."

Darrell L. Roberts (Prof) received the Packer Engineering Safety Award at the inter-

national meeting of the American Society of Agricultural Engineers in Chicago Dec. 13-16, 1988.

Roberts, Steven S. Berry (former Vst Inst), Dodd, D.L. Cross (Prof, an sci) and Kurt Ladenburg (Adj Prof) published "On-Farm Production of Ethenol and Distiller's Feed from Agricultural Feedstock," SCAES Bulletin 1097, Dec. 1988.

AGRONOMY AND SOILS

Dewitt Gooden (Prof, Pee Dee REC) received a superior performance award from the C.U. Extension Service for his work with South Carolina's peanut- and small grain-producers.

ANIMAL SCIENCE

Larry Hudson (Prof) received a superior performance award from the C.U. Extension Service for developing a comprehensive educational program for horse owners in South Carolina.

ARCHITECTURE

Gayland Witherspoon (Assoc Dean) was appointed to a three-year term on the American Institute of Architects' national board of directors.

Witherspoon also was appointed to a committee established by the National Academy of Sciences Building Research Board to provide guidelines for federal agencies to follow for life-cycle building analysis.

BUILDING SCIENCE

Francis Eubanks (Assoc Prof) was elected secretary/treasurer of the S.C. Piedmont Chapter of the American Institute of Constructors in September 1988.

Eubanks presented "Financial Ratios for Contractors" at the annual southeastern regional meeting of the Associated Schools of Construction in Savannah in October 1988.

Eubanks taught a continuing education course on "Estimating" for the National Association of Homebuilders at Clemson University in November 1988.

Eubanks attended a "Real Estate and Downtown Development" short course in Greenwood in November 1988.

Roger W. Liska (Head) has been re-elected to the board of directors of the American Institute of Constructors for a three-year term.

Liska conducted a seminar on "Goal Setting and Writing Objectives" for the North Dallas Chapter of Associated Builders and Contractors in Dallas Nov. 4, 1988.

CERAMIC ENGINEERING

Burt Lee (Asst Prof) received a Fulbright award to lecture and conduct research at the University of Trondheim in Norway from June through December.

CHEMISTRY

Darryl DesMarteau (Head) was chosen

as Clemson's first Tobey-Beaudrot Professor in Chemistry following a nationwide search. The professorship was made possible by a gift from Paul L. Tobey (Class of '35) and his wife, Sarah Beaudrot, of Rehoboth, Mass.

K. Dill (Assoc Prof), S. Chong (Univ of San Fran) and E.L. McGown (Letterman Army Institute) published "Interaction of Phenyl-dichloroarsine with Erythrocytes" in the Journal of Biochemical Toxicology.

Dill, McGown, Richard J. O'Connor (LAI), and Susan F. Hallowell (Aberdeen Proving Ground) published "2D NMR Study of Arsenical-Sulphydryl Adducts" in Magnetic Resonance in Chemistry.

Dill, Earle R. Adams (former Grad Stu), O'Connor and McGown published "Nuclear Magnetic Resonance Study of the Interaction of Phenyl-dichloroarsine with Calf Thymus DNA" as USAMRDC-LAIR Report #343, December 1988.

James C. Fanning (Prof) presented "The Reaction of Nitrate and Formate in Simulated Nuclear Waste Glass Melts" at the Materials Research Society meeting on the Scientific Basis for Nuclear Waste Management in Berlin, Germany, Oct. 10-13, 1988. Co-authors were Jancie L. Stinecipher (former Stu), Alice E. Hawkes (Stu) and Nancy A. Brock (Stu).

Fanning and R. Todd Hunter (Grad Stu) published "Nuclear Waste, Glass and Fe²⁺/Fe³⁺ Ratio" in the Journal of Chemical Education, 1988.

T. Tissue (Vstg Prof) and D. Dunn presented "113m-Cd in the Water, Sediments, and Watershed of Lake Michigan."

Tissue and R. Thomas Keel published "Preparation of Ultrapure Potassium Peroxydisulfate" in the International Journal of Environmental Analytical Chemistry, 1988.

Tissue and Keel presented "Zn Dynamics in Lake Michigan," and Tissue and Dunn presented "Confirmation of 113m-Cd in Environmental Samples" at the 18th International Symposium on Environmental Analytical Chemistry and at the 4th International Congress on Analytical Techniques in Environmental Chemistry Sept. 5-8, 1988, in Barcelona, Spain.

Tissue investigated sediment-water exchange processes at the University of Wisconsin-Milwaukee Center for Great Lakes Studies March 1 - May 31 and delivered a series of seminars there.

Tissue, as visiting expert for the International Atomic Energy Agency at the Comision Nacional de Energia Atomica, Montevideo, Uruguay, Sept. 16 - Nov. 15, conducted a workshop on sample preparation and X-ray spectrometric analyses of environmental materials and participated in field sampling in the Rio de la Plata estuary.

Tissue served as visiting scientist at the University of Georgia Marine Institute, Sapelo Island, Ga., Dec. 1, 1988 - Feb. 28, 1989; studying the use of 113m-Cd as a tracer in saltmarsh ecosystems.

Tissue presented "Sample Preparation Techniques for X-ray Spectrometric Determination of Trace Metals in Natural Waters" Oct. 14, 1988, at the Servicio Oceanografico, Hidrografico y Meteorologico de la Armada, Montevideo, Uruguay.

COMPUTER SCIENCE

Robert M. Geist (Prof) and Mark K. Smotherman (Asst Prof) presented "Ultrahigh Reliability Estimates Through Simulation" at the 1989 Annual Reliability and Maintainability Symposium Jan. 24-26 in Atlanta.

ELECTRICAL AND COMPUTER ENGINEERING

Lewis Fitch (Prof), Bob Snelsire (Assoc Prof) and David Tipper (Asst Prof) received NCR's top teacher awards for 1988-89.

ELEMENTARY AND SECONDARY EDUCATION

William W. Pennscott (Prof) presented "From Systems to Skills: Working with At-Risk Families" at the S.C. Association for Counseling and Development Convention in Myrtle Beach.

Pennscott reviewed Theories of Adolescence by Rolf E. Muus in the February Guidepost.

Martha C. Rhyne (Asst Prof) will publish "Eating Behaviors in Girls" in the Elementary School Guidance and Counseling Journal.

Rhyne presented "Eating Disorders: Information for Practitioners" to the University of North Carolina at Greensboro Counseling and Guidance Alumni and Graduate Student Associations Oct. 29, 1988.

Rhyne presented "Eating Disorders: What Can the School Counselor Do?" at the S.C. School Counselor's Conference in Greenville Nov. 12, 1988.

Rhyne was also a co-presenter with Barbara Griffin (Assoc Prof) for a program on students' perceptions of themselves and their schools.

ENGLISH

Mark J. Charney (Asst Prof) read and discussed "Beauty in the Beast: Technological Reanimation in the Contemporary Horror Film" at the 1988 meeting of the Popular Culture Association in the South Oct. 6-8 in Knoxville, Tenn.

Charney also chaired a session at that meeting.

Charney read "The Struggle for Voice and Perspective in the Screen Adaptations of Ernest J. Gaines' 'Fotion'" at the 14th Annual Conference on Literature and Film in Tallahassee, Fla., Jan. 26-28.

Charney reviewed Philip C. Kolin's David Rabe: A Stage History and a Primary and Secondary Bibliography for the South Carolina Review.

Charney read papers at the Twentieth-Century Literature Conference, the Philological Association of Louisiana, and the NCTE Convention in the spring.

Charney received a University Research Grant to travel to UCLA to research D. W. Griffith for the University of Virginia's Minds of the New South Intellectual Biography series.

Sterling Eisiminger (Assoc Prof) published "The Psychic Income of Teaching" in The Literary Review (Winter 1989).

G.W. Koon (I lead) published "Roy Blount: A Redneck Heuristic" in the Kenne-saw Review (Spring 1988).

Koon is on leave as a Fulbright Lecturer in Austria. He has been elected as the Austrian Education Commission's representative to the Fulbright Conference in Berlin, Germany.

R.W. Moran (Asst Dean) published Life on the Rim, 1988.

Moran served as a panelist on "Assistant and Associate Deans: Neither Fish nor Fowl" at the annual meeting of the Council of Colleges of Arts and Sciences in Atlanta, Nov. 2-5, 1988. He also participated in another session.

Moran was elected to a three-year term on the board of officers for the Association of Academic Affairs Administrators, Southeast Region, at its annual conference in Tampa, Fla., Nov. 16-18, 1988.

Moran chaired the Program Evaluation Committee of the Arts and Sciences Advisory Board at Greenville Technical College for the 1988-89 academic year.

Roger Rollin (Lemon Prof) presented "Words, Words, Words...: A Redefinition of 'Literature'" at the 1988 meeting of the Modern Language Association.

Fred Shilstone (Prof) published Byron and the Myth of Tradition, 1988.

Shilstone reviewed Mark Kipperman's Beyond Enchantment: German Idealism and English Romantic Poetry in Southern Humanities Review and Ronald R. Macdonald's The Burial Places of Memory: Epic Underworlds in Vergil, Dante, and Milton and The Composer.

ENTOMOLOGY

J.D. Culin (Assoc Prof) presented "Area-wide Management of *Heliothis zea* in a Corn-as-First-Lost Situation" at the annual meeting of the Southeastern Branch of the Entomological Society of America in Nashville Jan. 31-Feb. 2. Culin also was program chairman for that meeting.

Culin presented "Parasitoid-induced Changes in *Heliothis zea* Burrowing Behavior" at the national meeting of the Entomological Society of America in Louisville Dec. 4-8, 1988. Culin also chaired the Formal Teaching Conference at this meeting.

Culin presented "Historical Aspects of Bell Weevil Migration" in the Sigma Xi seminar series at the Coastal Plain Experiment Station (Univ of Ga/USDA) in Tifton, Ga.

B.A. Dover (Vstg Asst Prof), D.I. Davies (Univ Coll of London) and S.B. Vinson (Texas A&M Univ) published "Dose-dependent Influence of *Campoletic sonorensis* polydnavirus on the Development and Ecdysteroid Titers of Last-instar *Heliothis virescens* Larvae" in Archives of Insect Biochemistry and Physiology.

Albert Johnson (Prof, Pee Dee REC) has been chosen general chairman of the 1991 Tobacco Workers Conference to be held in Charleston.

Clyde S. Gorsuch (Prof) was presented the Entomological Society of America's Distinguished Achievement Award in Extension Entomology at the society's national meeting in

Louisville, Ky., Dec. 4-8, 1988.

Also at that meeting, Gorsuch and J.R. Meyer (NC St Univ) presented "Seasonal Populations of Grape Root Borer: Pheromone Trapping in North and South Carolina."

J.B. Kissam (Prof) spoke on "Moisture Control" at the Georgia Pest Control Conference in Athens Jan. 8-10.

J.C. Morse (Prof) presented "Aquatic Insects of Lake Jocassee Watershed in North and South Carolina" at the second joint meeting of the N.C. and S.C. Entomological Societies in Myrtle Beach Nov. 10-11, 1988.

Morse (Prof) received the 1989 Outstanding Researcher Award from the Clemson Chapter of Sigma Xi, a national honor society for scientific research.

EXPERIMENT STATION

James R. Fischer (Dean/Dir) was elected to the Board of Trustees of the American Society of Agricultural Engineers Foundation.

EXPERIMENTAL STATISTICS

W.C. Bridges Jr. (Assoc Prof) presented "Molecular Marker Facilitated Investigations of Quantitative Trait Loci" with S.J. Knapp (Ore St Univ), C.W. Stuber (NC St Univ), and M.D. Edwards (Pillsbury Co.) and "Comparison of Statistical Techniques for Relating Quantitative Trait Variation to Molecular Markers" with J. Nienhuis (Native Plants Inc.) at the American Society of Agronomy meeting in Anaheim, Calif., Nov. 28 - Dec. 1, 1988.

FACILITIES MAINTENANCE AND OPERATIONS

Adrienne Halfacre (Supt, Landscaping/Grounds) was awarded a \$1,200 Association of Physical Plant Administrators Facilities Institute Scholarship and represented Clemson at the national APPA institute in Austin, Texas.

FERTILIZER AND PESTICIDE CONTROL

Von McCaskill (Head) conducted a meeting of the full State-FIFRA Issues Research and Evaluation Group (SFIREG) Dec. 12-13, 1988, in Washington, DC.

McCaskill was selected to a two-year term as chairman of that EPA advisory group.

McCaskill presented "Pesticide Use, Misuse and Environmental Awareness" at the National Pest Control Association's annual convention in Nashville Nov. 1-4, 1988.

McCaskill also presented "Pesticide Regulations and Issues Now and Tomorrow" at the Beaufort County Environmental Awareness Day at Beaufort Technical Center Nov. 18, 1988.

FORESTRY

B.A. Dunn (Prof) and W.D. Carroll (Ag Sci Assoc) published "Floristic Assessment of Campsites in the Piedmont Region of South Carolina" as C.U. Dept. of Forestry Research Series, October 1988.

R.A. Harris (Assoc Prof) and D.R. Phil-

lips (U.S. Forest Service) published "Bulk Density of Seven Typical Industrial Wood Fuels" in Forest Products Journal.

J.L. Haymond (Asst Prof) published "Planting Tools and Machines" in Forest Farmer.

Haymond and S.B. Baldwin (Grad Asst) published "Methods and Materials for Studying Early Adopters Who Own Non-industrial Private Forestland" as C.U. Dept. of Forestry Research Series.

R.L. Hedden (Prof), R.P. Belanger and M.R. Lennartz (USDA Forest Service) published "Potential Impact of the Southern Pine Beetle on Red-Cockaded Woodpecker Colonies in the Georgia Piedmont" in Southern Journal of Applied Forestry.

D. N.-S. Hon (Prof) published "Stabilization of Cotton Fibers During Mechanical Cutting" in Textile Research Journal.

Hon published "Cellulosic Adhesives" (chapter 21) in Adhesives from Renewable Resources, American Chemical Society symposium, Washington, D.C.

Hon published "Radiation Effects on Wood" in The Encyclopedia of Materials Science and Engineering, 1989.

D.D. Hook (Prof) and R. Lea (NC St Univ) edited the Proceedings of the Forested Wetlands of the Southern United States symposium held last July in Orlando, Fla.

Hook and E.R. Drayton III (Sonoco Products Co.) published "Water Management of a Baldcypress-Tupelo Wetland for Timber and Wildlife."

S.M. Jones (Asst Prof) and B.R. Smith (Assoc Prof, agron) published "Use of a Dichotomous Key as an Aid to Correlating Soil Series" in the Journal of Agronomic Education.

S.M. Jones (Asst Prof) and J.B. Nelson (S.C. Wildlife and Marine Resources) presented "Identifying Restoration and Management Projects in Highly Altered Landscapes in South Carolina through Landscape Ecosystem Classification" at the Society for Ecological Restoration and Management's first conference Jan. 16-20 in Oakland, Calif.

A.P.C. Marsinko (Assoc Prof), J.H. Stevens Jr. (Res For) and S.K. Nodine (Instr) published "Targeting Forest Landowners" as C.U. Dept. of Forestry Research Series, Nov. 1988.

J.H. Syme (Lecturer), M. Uysal (Asst Prof, prtm) and G.K. McLellan (Asst Prof, prtm) published "Entrepreneurship: Its Role in Private Sector Outdoor Recreation" and "A Multiuse Computer Training Lab" in the Journal of Physical Education, Recreation and Dance.

F.H. Tainter (Prof) and J.C. Jacobi (Grad Stu) published "Dendroclimatic Examination of White Oak Along an Environmental Gradient in the Piedmont of South Carolina" in Cas-tanea, Dec. 1988.

Tainter and S. W. Oaks (USDA Forest Service) published "How to Identify and Control Littleleaf Disease" as USDA Forest Service Protection Report, Sept. 1988.

D.H. Van Lear (Bowen Prof) and B.M. Sanders (Extension Service) published "Photos for Estimating Residue Loadings Before and After Burning in Southern Appalachian Mixed Pine-Hardwood Clearcuts" as a USDA

Forest Service General Technical Report.

Van Lear and others published "The Effect of Leaching and Whole-Tree Harvesting on Cation Budgets of Several Forests" in the Journal of Environmental Quality.

Van Lear, David Dickens (former Grad Stu) and Marsinko presented "Long-Term Effects of Site Preparation and Spacing on Plantation Slash Pine on Different Soils" at the Society of American Forester's annual convention in Rochester, N.Y.

T.M. Williams (Assoc Prof) published "Site Preparation on Forested Wetlands of the Southeastern Coastal Plain."

Williams and others published "Bly Creek Ecosystem Study - Nitrogen Exchange within a Euhaline Salt Marsh Basin of North Inlet, S.C." in Marine Ecology, Progress Series.

GRADUATE SCHOOL

Arnold E. Schwartz (Dean) will serve this year as director of the National Research Council's associateship programs in Washington, D.C.

He will be responsible for maintaining contracts that total some \$32 million at 125 national laboratories and will oversee recruitment and screening for some 600 postdoctoral appointments at the labs.

Schwartz also will serve as a consultant on graduate education policies to the executive director of the Office of Scientific and Engineering Personnel, identifying and responding to issues of national concern.

HISTORY

Richard M. Golden (Prof) spoke on "The Witch Hunters of Early Modern Europe" at Wake Forest University Feb. 17.

Denis Paz (Assoc Prof) published "John Albert Williams and Black Journalism in Omaha, 1895-1929" in Midwest Review, 1988.

Paz commented on "Religion and Society in Nineteenth-Century Britain" at the Southern Conference on British Studies in Norfolk, Va., Nov. 10, 1988.

Jerome V. Reel (Vice Provost) reviewed Caryl Emerson, Boris Godunov: Transpositions of a Russian Theme in Opera Journal, 1988.

Henry Lewis Suggs (Assoc Prof) was awarded a senior fellowship from the Institute of Southern Studies at the University of South Carolina for July 1988.

Suggs presented "the Black Press and Journalism" at the American Journalism History Conference in Charleston Sept. 28, 1988.

J.L. Arbena (Prof) commented on "Commerce on the Platine Rivers, 1770-1850" during the annual meeting of the Southern Historical Association in Norfolk, Va., Nov. 9-12, 1988.

Richard M. Golden (Prof) reviewed Kathryn Norberg, Rich and Poor in Grenoble, 1600-1814, in Religious Studies Review, January 1989.

Golden chaired "Social and Geographic Mobility in Early Modern France" at the Western Society for French History meeting in Los Angeles, November, 1988.

Thomas Kuehn (Assoc Prof) reviewed Joseph Canning, The Political Thought of

Baldus de Ubaldis in Renaissance Quarterly, 1988.

HOME ECONOMICS

C.T. Mounter (Prof) conducted "Conflict Management - Skills and Approaches" at the 1988 Conference on Volunteerism sponsored by the Strom Thurmond Institute, S.C. Association of Volunteer Administration and the Governor's Office Oct. 21, 1988, in Myrtle Beach.

HORTICULTURE

At the Southern Region - American Society for Horticultural Science's annual meeting in Nashville Feb. 5-7:

Clemson's Horticulture Club won the Outstanding Collegiate Chapter Award.

Marion Bledsoe (Stu) received the Hammett Memorial Award for outstanding collegiate club member.

Bledsoe won third place in the J.B. Edmond Undergraduate Paper competition with "Colored Reflective Surface Effects on Poinsettia Growth and Development," coauthored by J.W. Kelly (Assoc Prof) and D.R. Decoteau (Asst Prof).

Kelly received the John E. Hutchinson Young Extension Worker Award.

Decoteau and A. Melton (Ag Assoc II) presented "Leaf Dynamics of Tomato" and "Plant Spacing Effects on Growth, Yield and Pod Distribution of Cayenne Peppers."

N.V. Desamero (Grad Stu) and B.B. Rhodes (Prof) presented "Osmotic Stress-Induced Minimal Growth for Germplasm Storage of Sweet Potato (Ipomoea batatas L.)."

R.J. Dufault (Assoc Prof) and Decoteau coauthored "Determination of Heat Unit Requirements for Collard Harvest in the Southeast."

Dufault and Regina Melton (Grad Stu) presented "Influence of Pretransplant Nutritional Conditioning on Tomato Earliness and Yield."

R.L. Fery (Adj Prof) presided over the Vigna Crop Advisory Committee.

Fery also presented "Inheritance of Bentazon Herbicide Tolerance in Pepper (Capsicum annuum)" with H.F. Harrison Jr. (ARS, USDA Vegetable Laboratory, Charleston).

J.T. Garrett (Vstg Assoc Prof, Pee Dee REC) and C.R. Camp (Adj Assoc Prof, ag eng), E.J. Sadler and W.J. Busscher presented "Response of Vegetable Crops to Surface and Subsurface Drip Irrigation."

G.L. Reighard (Asst Prof) presented "Root Hydraulic Conductivity of Pecan Rootstocks Treated with Paclobutrazol."

B.B. Rhodes (Prof), J.A. Adelberg (Grad Stu), B.A. Murdock (Grad Stu) and L.G. Blue (former Ag Sci Assoc I) presented "A Glabrous Male-Fertile Variant of the Glabrous Male-Sterile (gms) Character in Watermelon."

Scott presided over the Collegiate Branch business meeting and the J.B. Edmond Competition.

J.R. Johnson (Asst Prof) presented "Influence of Controlled-release Nitrogen Fertilizers on Green Bunching Onion Production."

HOUSING

Housing administrators attended the annual meeting of the S.C. Housing Officers Association in Charleston Nov. 4, 1988.

At the conference, Gary Campbell (Assoc Dir, res life), Kent Buchanan (Asst Dir, res life) and Scott Nelson (Area Adm, Johnstone Hall) presented "Johnstone Hall: It's a Whole New Hall Game."

Verna Howell (Dir, res life) received the 1988 SCHOA Award.

Also at the conference, Clemson was selected as the site for the 1989 SCHOA meeting.

Peter Perhac (Dir, housing) was elected president of SCHOA for 1988-89.

Polly Hamilton received the Custodian Award for the Third Quarter.

Rosemary McCaul received the Custodian Award for the Fourth Quarter.

Jeff Martin (Dir, res services) was elected to the board of directors of the Association of Conferences and Events Directors International (ACED-I).

Martin also was appointed editor of the organization's national research journal.

Clemson recently hosted the second annual conference for Region 9 of ACED-I.

Other Clemson House employees making presentations included: Libby Magill, Peter Perhac, Tony McGuirt, Penny Caldwell, Stan Smith, Emily Horn and Pam DeFratus.

INDUSTRIAL ENGINEERING

Bevlee A. Watford (Asst Prof) was named Young Engineer of the Year by the Piedmont Chapter of the S.C. Society for Professional Engineers in conjunction with National Engineering Week.

Sonya Spratley (Stu) received a graduate fellowship from the National Consortium for Graduate Degrees for Minorities in Engineering.

LANGUAGES

Edwin P. Arnold (Asst Prof, German) presided over two sessions of the S.C. Chapter of the American Association of Teachers of German at Newberry College March 4.

Paula R. Heusinkveld (Assoc Prof, Spanish and French) presented "Cross-Cultural Activities in the Foreign Language Classroom" at the 9th Annual Conference on Second Language Acquisition at the University of South Florida in Tampa, Fla., Feb. 11.

Heusinkveld presented "Realia in the Foreign Language Class: Powerful Motivational Tools" at Georgia Southern College in Statesboro, Ga., Feb. 7.

Heusinkveld published "Foreign Language Realia: Effective Tools for Teaching" in the Fall 1988 issue of Foreign Language News Notes.

Helene M. Riley (Prof, German) reviewed "Music and Mozart in the Life of Goethe" in Colloquia Germanica 21, 1988.

Riley presented "Liebe in der Sicht der Frau des 17. Jahrhunderts" at the Modern Language Association Convention Dec. 28

1988, in New Orleans.

Riley published "Charlotte Birch-Pfeiffer," "Ludmilla Assing" and "Therese von Bacheracht" in Literaturlexikon. Autoren und Werke deutscher Sprache, 1988.

Riley presented "Der Griff 'in die Dornen der Zeit', Bettina von Arnims politischer Aktivismus" at the International Conference on "Language and Culture: German Reverbations of the French Revolution" March 3-4 at the University of Toronto, Toronto, Canada.

Riley published "To Teach or Not To Teach" in the spring issues of Crescent.

Margit M. Sinka (Prof, German) was elected secretary of German 1 (German Literature from 1250 to 1750) Nov. 11, 1988, at the South Atlantic Modern Language Convention in Washington, D.C.

MANAGEMENT

William H. Hendrix (Prof), R. Stephen Cantrell (Assoc Prof), and Robert P. Steel (U.S. Air Force Institute of Technology) published "Effect of Social Support on the Stress-Burnout Relationship" in the Journal of Business and Psychology.

John J. Kanet (Prof) spoke at the APICS Region III annual conference in Columbus, Ohio, on "Manufacturing Planning and Control: Grabbing the Right Handles" in September 1988.

Kanet published "Open Order Rescheduling in Job Shops with Demand Uncertainty, A Simulation Study" in Decision Sciences, Fall 1988.

Kanet and R.A. Jacobs (Radford Univ) presented "Decision-Making in Operations Management Using Net Present Value: Opportunities for Research" at the Decision Sciences Institute's annual meeting in Las Vegas in November 1988.

R.L. LaForge (Prof) was appointed to a two-year term on the Innovative Education Committee of the Decision Sciences Institute.

LaForge was named to the Editorial Advisory Board of Computers & Operations Research: An International Journal.

LaForge and C.W. McNichols (Prof, Florida Inst of Tech) published "An Integrative, Experiential Approach to Production Management Education" in Decision Sciences, Winter 1989.

V. Sridharan (Asst Prof) presented "Effectiveness of Safety Stock To Reduce MRP System Nervousness" at the 1988 Annual Meeting of the Decision Sciences Institute in Las Vegas Nov. 21-23, 1988. He also participated in a session on Aggregate Production Planning.

Sridharan also presented "An Analysis of the Cost-Schedule Stability Trade-Offs For Freezing the Master Production Schedule Under Uncertainty in a Rolling Schedule Environment", with W.L. Berry (Univ of North Carolina-Chapel Hill). The papers were published in the conference Proceedings.

Sridharan received a certificate of Honorable Mention in the 1988 DSI Doctoral Dissertation Competition for "Freezing the Master Production Schedule Under Rolling Planning Horizons: An Experimental Analysis of Cost and Stability Effects."

Sridharan presented "Does the Interaction Between the Manufacturing Environment and the Manufacturing Planning and Control System Affect Performance" with R.A. Jacobs (Radford Univ) at the Southeast TMS annual meeting in Myrtle Beach Oct. 6-7, 1988.

The paper was published in the conference proceedings.

He also chaired a session on Manufacturing Strategy.

Sridharan will publish "Freezing the Master Production Schedule Under Demand Uncertainty" with W.L. Berry in the Winter 1990 issue of Decision Sciences Journal.

M.J. Stahl (Head) published the research book "Strategic Executive Decisions- An Analysis of the difference between Theory and Practice" in February.

Stahl presented "Industrial Management Graduates of the Future" to the Industrial Crescent Chapter of the American Production and Inventory Control Society in Greenville Dec. 7, 1988.

Stahl, T.L. Leap (Prof) and Z.Z. Wei (Grad Stu) published "Publication in Leading Management Journals as a Measure of Institutional Research Productivity" in the September 1988 issue of the Academy of Management Journal.

Stahl and F. Karakaya (Southeastern Mass Univ) will publish "Barriers to Entry and Market Entry Decisions in Consumer and Industrial Goods Markets" in the Journal of Marketing.

Stahl and E. Yasin (East Tennessee State University) will publish "The Effectiveness of Needs for Achievement, Power and Affiliation in the Arab Culture" in the International Studies of Management and Organization.

Tom Zimmerer (Prof, management) and Laura Hill (Stu) participated in a national symposium celebrating the 75th Anniversary of Beta Gamma Sigma, the honor society for collegiate business schools.

Zimmerer is the first Clemson professor to be invited to participate in a Beta Gamma Sigma national symposium.

Hill was one of only 37 students selected to attend the three-day program on ethics and integrity of business.

MARKETING

Stephen J. Grove (Assoc Prof) and Mary C. LaForge (Assoc Prof) presented "The Insidious Side of Ethnocentrism: Implications for International Business" at the annual meeting of the Academy of International Business (Southeast Division) in Atlanta. The article was published in the conference proceedings.

MECHANICAL ENGINEERING

At the 1988 ASME winter annual meeting in Chicago Nov. 27-Dec. 2, 1988:

Donald E. Beasley (Assoc Prof) presented "Dynamic Characteristics of an Air-Lift Pump" and "A Model for Thermally Controlled Drying of a Porous Sphere Using Superheated Vapor."

Richard S. Figliola (Assoc Prof) organized and chaired an international symposium on "Natural Convection in Enclosures" with

P.G. Simpkins (Bell Labs).

Figliola also chaired the General Papers session for the Heat Transfer Division.

C.C. Jara-Almonte (Asst Prof) presented "Finite Element Subregion Analysis of the Body Bolster Beam of a Railroad Hopper-Car."

Ranganathan Kumar (Asst Prof) and S. Ramanathan (former Grad Stu) presented "Correlations for Natural Convection Between Heated Vertical Plates."

Kumar co-chaired a panel discussion on "Three Dimensional Flows in Heat Transfer."

Ranganathan Kumar (Asst Prof) and S. Ramanathan (former Grad Stu) published "Comparison of Boundary-Fitted Coordinates with Finite-Element Approach for Solution of Conduction Problems" in the International Journal of Numerical Heat Transfer, 1988.

E. Herry Law (Prof) chaired "Wheel-Rail Contact Mechanics, Dynamics and Control of Automotive Systems I" and "Dynamics and Control of Automotive Systems II."

Law co-organized "Application of Applied Mechanics to Railway Engineering."

Law also co-edited the conference proceedings.

C.E.G. Przirembel (Head) organized and chaired the "Panel on Prelude to the ASME 1989 National Mechanical Engineering Department Heads Conference."

Przirembel participated in a panel review of proposals for the National Science Foundation - Research Experiences for Undergraduate Program in Washington, D.C., Jan. 9-10.

Przirembel attended the 1988 annual board of directors meeting of the Accreditation Board for Engineering and Technology (ABET). Representing the American Society of Mechanical Engineers, he was appointed for a second three-year term on the board.

Przirembel is the chairman of the Planning Committee for the ASME 1989 Mechanical Engineering Department Heads Conference.

Przirembel chaired "Entry-level Engineers for the Future" at the recent International Forum in Engineering Education.

Przirembel was appointed to the Historically Black Engineering College Committee of the American Society for Engineering Education, which met in Washington, D.C., Dec. 16, 1988.

Przirembel has been named to the Committee on Engineering Education of the American Association of Engineering Societies (AAES), where he will represent the American Society of Mechanical Engineers.

Przirembel was elected a Fellow of the American Association for the Advancement of Science (AAAS).

James G. Goree (Prof) was awarded a \$7,500 duPont research contract for "Fatigue and Fracture Behavior of Fiber Reinforced Composites" Aug. 16, 1988- Feb. 15, 1989.

Goree was awarded a duPont graduate fellowship in composite materials (\$15,000 per year for three years) to support David Richardson (Ph.D. student in Engineering Mechanics).

Goree participated in a duPont Conference "Advanced Materials: Shaping the Future," Oct. 24-25, 1988.

Goree was awarded a \$48,727 NASA

Grant for "Micro-Mechanical Analysis of Damage Growth and Fracture in Discontinuous Fiber-Reinforced Metal Matrix Composites."

Goree attended the "Mechanics of Composites Review" in Bal Harbour, Fla., Nov. 2-3, 1988.

Goree (Prof) was selected as one of 29 American engineers to attend the first U.S.-U.S.S.R. symposium on the mechanics of composite materials in Latvia, a republic of the Soviet Union along the Baltic Sea.

Cecil Huey Jr. (Prof) was named Educator of the Year by the Piedmont Chapter of the S.C. Society for Professional Engineers in conjunction with National Engineering Week.

NEWS SERVICES

Sandy Woodward (Arts/Educ Ed), Cathy Sams (Dir) and Margaret Pridgen (Assoc Vice Pres, Univ Rel) received a Special Merit Award from the southeastern district of the Council for Advancement and Support of Education for the "Centennial Packet," a collection of articles on the opening of Clemson's Centennial Celebration.

Susan Turner-Lewis (Sci Ed) also received a Special Merit Award for the "Springfield Packet," a collection of articles announcing the gift of tropical rain forest property to Clemson.

Dave Crockett (Broadcast News Ed) received the Henry Lewis Gaston Jr. Award from the College News Association of the Carolinas.

NURSING

Opal Higgs (Dean) was elected to a four-year term on the Executive Committee of the Council of Baccalaureate and Higher Degree Programs of the National League for Nursing.

Jeri Milstead (Asst Prof) was selected by the S.C. Nurses' Association to represent the state in the American Nurses' Association's first nationwide "Search for Excellence."

Milstead also is president of the State Board of Nursing for South Carolina and last year was appointed as an adviser to Sen. Daniel Inouye, D-Hawaii, to help research health and nursing issues and develop related public policy.

Milstead also sits on a subcommittee of the National Council of State Boards of Nursing addressing the nursing shortage crisis.

PARKS, RECREATION AND TOURISM MANAGEMENT

G. Wesley Burnett (Assoc Prof) and M. Uysal (Assoc Prof) published "National Parks and Tourism: A Vector for Peace" in Tourism-A Vital Force for Peace.

Burnett published "Ecological Redundancy and the Research Tradition of Three Kenyan Parks" in the International Journal of Environmental Studies.

Burnett published "Geography and Development in Kenya" in Professional Geographer with I. Sindiga (Moi University, Eldoret, Kenya).

P. Maguire (Grad Stu) and Uysal pub-

lished "Tourism Policy Issues in Peoples Republic of China" in Tourist Review 43(3), 1988.

S. Pyo (Grad Stu) and R. Howell (Univ of South Miss) published "Social Tourism: The Korean Case" in Tourism Review, 1988.

Uysal and J. O'Leary (Purdue Univ) published "Examining International Visitors to Canadian and U.S. National Parks" in Tourism Research: Expanding Boundaries, 1988.

Uysal and D. Snepenger (Montana St Univ) published "Characteristics of Tourism Businesses Impacted by Seasonality of Demand: An Exploratory Analysis" in Tourism Research: Expanding Boundaries, 1988.

Uysal and R. Gitelson (Penn St Univ) published "Differences Between First Time and Repeat Visitors" in the proceedings of the 1988 international conference on Services Marketing in Cleveland, Ohio.

PERFORMING ARTS

Doreen Geddes (Asst Prof, speech) presented "Comparison of Verbal Aggressiveness and Argumentativeness in Northerners and Southerners" at the Speech Communication Association of Puerto Rico convention Dec. 2-3, 1988.

Geddes presented "Values, Beliefs, and Interpersonal Communication: An Examination of Regional Differences in the United States" at the Speech Communication Association convention in New Orleans Nov. 3, 1988.

Richard E. Goodstein (Asst Prof/Assoc Ban Dir) is directing the 20-piece All American College Band at Walt Disney World in Florida this summer.

Richard W. Leeman (Instr, speech) presented "The Rhetoric of Terrorism" at the Speech Communication Association convention Nov. 5, 1988.

Tony Evans (Asst Prof, speech) made an appearance on national television Feb. 21, playing a "suspicious character" in an episode of NBC's "In the Heat of the Night" program.

Lillian Harder (Assoc Prof, music) received the Coker College Distinguished Alumni Achievement Award during Alumni Day activities April 15.

The Clemson University Tiger Band Association presented the Porming Arts Department with \$2,098.10 to support band activities.

PHILOSOPHY AND RELIGION

Leonard Greenspoon (Prof, religion) was elected president of the S.C. Academy of Religion at its 22nd annual meeting held in Clemson Feb. 17-18.

Greenspoon recently returned from a semester as a fellow at the Annenberg Research Institute in Philadelphia, where he presented the following papers:

"Translation in the Ancient World: A Review of Scholarly Literature," Sept. 29, Philadelphia Seminar on Christian Origins, University of Pennsylvania.

"The Anatomy of a Translation: A Documentary Study of the Jewish Publication Society's Bible Translation of 1917," Nov. 10, Annenberg Research Institute (Philadelphia).

"On the Jewishness of Modern Jewish Biblical Scholarship: The Case of Max L. Mar-

golis (and Others)," Nov. 17, Jewish Studies Faculty Seminar, University of Pennsylvania.

"Recensions, Revision, Rabbinics: Early Developments in the Greek Traditions," Nov. 21, plenary session: "The Septuagint and the DJD Scrolls," International Organization for Septuagint and Cognate Studies/Society of Biblical Literature (Chicago).

"The Impact of Traditional Jewish Exegesis on Modern Bible Translation," Dec. 5, Department of Bible, Jewish Theological Seminary (New York City).

He also spoke on "The World and the Word: An Animated and Illuminated Look at Translating the Bible," Jan. 23, Humanities Forum (Hilton Head).

Greenspoon published:

Max Leopold Margolis: A Scholar's Scholar in Biblical Scholarship in North America.

"A Book 'without Blemish': The Jewish Publication Society's Bible Translation of 1917," Jewish Quarterly Review.

"The Letter of Aristeas," Bible Review.
"Herod the Great," Great Lives from History: Ancient and Medieval Series, 1988.

Greenspoon reviewed:

Robert A. Kraft and George W.W. Nickelsburg, Early Judaism and its Modern Interpreters in The Journal of Religion, 1988.

Robert A. Kraft and Emanuel Tov, Computer Assisted Tools for Septuagint Studies (CATSS): Volume 1, Ruth in Catholic Biblical Quarterly, 1988.

Sven Soderlund, The Greek Text of Jeremiah: A Revised Hypothesis in Journal of Biblical Literature, 1988.

Leslie John McGregor, The Greek Text of Ezekiel: An Examination of its Homogeneity in Journal of Biblical Literature, 1988.

P. Kyle McCarter Jr., Textual Criticism: Recovering the Text of the Hebrew Bible in Religious Studies Review, 1988.

Ronald G. Musto, The Antiquities of Constantinople in History: Reviews of New Book, 1988.

Ronald G. Musto, Guide to the Holy Land in History: Reviews of New Books, 1988.

Eileen Gardiner, The Marvels of Rome in History: Reviews of New Books, 1988.

Ronald G. Musto, Petrarch: The Revolution of Cola di Rienzo in History: Reviews of New Books, 1988.

Richard Elliott Friedman, Who Wrote the Bible? in The Jewish Monthly, 1988.

PHYSICS AND ASTRONOMY

Lewis Duncan (Assoc Dean) presented "Recent Advances in Verification Technologies" to Stanford University's Center for International Security and Arms Control.

W.E. Gettys (Prof) has been appointed examinations editor of the American Association of Physics Teachers.

Gettys has been appointed as the physics representative to the Publications Committee of the National Science Teachers Association.

J. Gilreath (Assoc Prof) was appointed to the Committee on Apparatus of the American Association of Physics Teachers.

(More departmental notes will follow next week.)

Briefly

See the eclipse Aug. 16

The Clemson Area Amateur Astronomers will host a public viewing of a total lunar eclipse Wednesday, Aug. 16, at the YMCA Soccer Field.

Telescopes will be set up for the major part of the eclipse (approximately 9 p.m.-1 a.m.).

For details, call Dixon Lomax at 656-2197 or 654-3689.

New appointments

Some recent University appointments include:

Douglas Rippy, *director of the School of Textiles*

A Clemson alumnus and retired U.S. Air Force major, Rippy was an associate professor in the Department of MIS and Decision Sciences in the School of Business Administration at the University of Dayton, Ohio.

Here, he will be responsible for all activities and research associated with the School of Textiles, which includes three undergraduate programs, two master's programs and one doctoral program.

Kenneth Dewayne Cooke, *associate director of student development and minority ombudsman*

Cooke was assistant director for residence life at the University of Delaware.

He will coordinate minority programs and act as advocate in any complaints or cases of alleged racial harassment.

Dudley Blair, *director of the Clemson Master of Business Administration Program*

Blair has been a member of Clemson's economics department since earning his doctorate from Texas A&M University in 1973.

The MBA program includes on-campus day classes for full-time students and evening classes at Furman University for part-time students.

Nelson Hill, *director of environmental health and safety in the risk management and safety department*

A Clemson alumnus, Hill is a former safety engineer and field operations manager with the S.C. Workers' Compensation Fund.

His duties encompass such University-wide areas as accident prevention, worker health and safety, and health and safety in the workplace.

Capt. Richard W. Grooms, *Air Force ROTC commandant of cadets and Angel Flight adviser*

Grooms previously served as executive officer, student squadron commander, at Sheppard Air Force Base, Texas.

CLEMSON NEWSMAKERS

Hunter Professor of Bioengineering **Jonathan Black** appeared in the July 25 *New York Times* as a source on the growing concern among medical experts that certain alloys of cobalt and titanium may pose cancer risks for recipients of joint implants.

Black said the metals can corrode and release metal particles that can cause damage after traveling through the body.

...

Clemson alumnus **Mark Mitchell**, a faculty member in the finance department, has generated a lot of national news interest recently with his "Trigger Paper," widely praised in the finance community as the first credible explanation of the Oct. 19, 1987, stock market crash.

Having appeared in such publications as the *Wall Street Journal*, the *New York Times*, the *Chicago Tribune* and *Barron's*, Mitchell's paper cites, as the trigger for the crash, legislation being considered by the House Ways and Means Committee aimed at halting hostile takeovers.

Look for his paper in the next *Journal of Financial Economics*.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is FRIDAY, Aug. 11, for Aug. 23 issue.

Clemson

WEEKLY



Vol. 29, No. 5

Wednesday, Aug. 16, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Meetings will explain new insurance plans

In January, state employees will face a completely redesigned health insurance program as a result of changes made this year by the state Legislature.

To ease that transition, staffers from the Payroll and Employee Benefits Office will spend September and October hosting dozens of meetings around campus to explain the new program to all employees. *(Meeting times and locations have not been firmed up yet — look for more information in September.)*

In addition, September and October are open enrollment months — the only chance this year you'll have to choose which plan you want. All eligible employees must re-enroll or else lose coverage.

"Because the whole concept of our insurance coverage has changed, we feel it is vital to meet face to face with employees to explain these changes up front and to address any particular questions or concerns they may have," says benefits Director Ron Herrin.

How the new plans are set up:

| | Plan A | Plan B |
|---|--------------------------------|--------------------------------|
| Deductibles | | |
| for you | \$ 300 | \$ 200 |
| for your family | \$ 600 | \$ 400 |
| <i>(Once you have paid a total of this amount out of your own pocket in a calendar year, you are eligible to begin receiving benefits from your insurance.)</i> | | |
| Standard co-insurance rate | | |
| <i>(Once you have met your deductible, this is the amount you will pay on each bill.)</i> | 20 percent of approved charges | 15 percent of approved charges |
| Annual out-of-pocket limit | | |
| for you | \$1,500 | \$1,500 |
| for your family | \$3,000 | \$3,000 |
| <i>(Once you've paid this total amount out of your own pocket in a calendar year, your insurance will pay 100 percent of approved charges for the rest of that year.)</i> | | |

(For an idea of what changes will take effect Jan. 1, 1990, see the two information boxes on this page. More specific information will be supplied by the benefits office at forthcoming employee briefings.)

What you can expect to pay under the new plans:

| | What you pay now | What you will pay Jan. 1 |
|---------------------------------|------------------|--------------------------|
| Plan A | | |
| for you | \$ 0 | \$ 10 |
| for you and your spouse | \$57.92 | \$ 70.49 |
| for you and your children | \$29.74 | \$ 37.56 |
| for your entire family | \$84.26 | \$103.29 |
| Plan B | | |
| for you | \$ 9.68 | \$ 12.58 |
| for you and your spouse | \$67.84 | \$ 88.19 |
| for you and your children | \$36.18 | \$ 47.03 |
| for your entire family | \$99.38 | \$129.19 |



Remember:
To make on-campus calls
you now need to dial

656-
plus the number.

Departmental notes

Here are more departmental notes submitted during spring semester but held for year-end publication:

PHYSICS AND ASTRONOMY

A.L. Laskar (Prof), K.V. Reddy (Vstg Prof) and W. Popson (Grad Stu) published "Mass and Charge Transport in AgCl:Ce3+ System in Solid State Ionics," 1988.

Peter J. McNulty (Head) presented "Track Structure at n-p Junctions in Micro-electronics Circuits" at the APS Meeting in Denton, Texas, Nov. 7-9, 1988.

McNulty presented "Modeling Charge Collection and Single Event Upsets in Micro-electronics" at the APS Meeting in Denton, Texas, Nov. 7-9, 1988.

McNulty was selected as one of four associate directors for Vanderbilt University's Consortium for Research on Electronics in Space.

At the SESAPS meeting in Raleigh, N.C., Nov. 10-12, 1988:

Laskar and George Popson (Grad Stu) presented "Diffusion of Mercury in Silver Chloride."

Mike Stanley (Grad Stu) and Laskar presented "Interstitial Diffusion of Mercury in Silver Bromide."

John R. Ray (Prof) presented "Mechanism of Pressure-induced Martensitic Phase Transformations: A Molecular Dynamics Study" (with K. Lee, former Grad Stu) and "Higher Order Elastic Constants from Molecular Dynamics" (with T. Cagin, former Grad Stu).

Ray presented "Computer Simulation Studies of Silicon" to the Society of Physics Students and Faculty at the University of North Carolina-Wilmington Nov. 30, 1988.

Ray and Cagin published "Third-order Elastic Constants from Molecular Dynamics: Theory and an Example Calculation" in *Physical Review B*, October 1988.

Ray Turner (Prof) presented "One Hundred Years of Physics and Toys" and "Toys in Physics Teaching" at the meeting of the Appalachian Section of the American Association of Physics Teachers in Elkins, W. Va.

Turner chaired "Applications of NMR to Surfaces" at the Southeastern Magnetic Resonance Conference in Columbia.

PLANT PATHOLOGY AND PHYSIOLOGY

O.W. Barnett (Prof) co-authored "Irisseveremosaic Virus," AAB Descriptions of Plant Viruses, No. 338 with A.A. Brunt and A.F.L.M. Derks.

Barnett, P.B. Gibson (USDA ret.), G.A. Pederson, M.R. McLaughlin, W.E. Knight, J.D. Miller, W.A. Cope, and S.A. Tolin published "Registration of Southern Regional Virus Resistant White Clover Germplasm" in *Crop Science* 29 (1989).

Barnett received the third annual Godley-Snell Award for Excellence in Agricultural Research from the S.C. Agricultural Experiment Station.

L.W. Baxter, Jr. (Prof) and S.B. Segars (Ag Sci Assoc) published "Cylindrocladium Black Root Rot of Camellia Cuttings Controlled by Benomyl Soak" in *The Camellia Journal*.

Baxter and Segars published "Studies on Cylindrocladium Black Rot (CBR) of Camellias" in *American Camellia Yearbook*, 1988.

Suzanne S. Figliola (former Ag Sci Assoc I), N.D. Camper (Prof) and W.H. Ridings (former Assoc Prof) published "Potential Biological Control Agents for Goosegrass (*Eleusine indica*)" in *Weed Science*.

B.A. Fortnum (Assoc Prof) and R.E. Curran III (Prof, agron, Pee Dee REC) published "Host Suitability of Grain Sorghum Cultivars to *Meloidogyne* spp." in *Annals of Applied Nematology*, 1988.

J.D. Mueller (Asst Prof, Edisto REC), D. P. Schmitt, G.C. Weiser (Asst Prof, agron), E.R. Shipe (Assoc Prof, agron) and H.L. Musen (Prof Emer) published "Performance of Soybean Cultivars in *Hoplostaimus columbus*-infested Fields" in *Annals of Applied Nematology*, 1988.

Mueller and M.J. Sullivan (Prof, entom, Edisto REC) published "Response of Cotton to Infection by *Hoplostaimus Columbus*" in *Annals of Applied Nematology*, 1988.

E.C. Tedford (former Grad Stu) and Fortnum published "Weed Hosts of *Meloidogyne arenaria* and *M. incognita* Common in Tobacco Fields in South Carolina" in *Annals of Applied Nematology*, 1988.

POLITICAL SCIENCE

Charles W. Dunn (Head) joined former United Nations Ambassador Jeane Kirkpatrick and Sen. Phil Gramm of Texas in a lecture program at Moscow State University and other institutions in the Soviet Union, where he spoke on the future of the American presidency and the role of religion in democracy.

Michael A. Morris (Prof) edited *North-South Perspectives on Marine Policy* and wrote the book's introduction and conclusions.

Morris wrote the chapter on "Stages in the Development of Third World Marine Policies" and coauthored a chapter on "Third World Offshore Resource Management and Protection" with Robert S. Pomeroy (Asst Prof, ag econ).

Walton H. Owens Jr. (Prof) was elected president of the Southern Association for Public Opinion Research.

Martin W. Slann (Prof) and Bernard Schechterman published "Political Terrorism: 1981-1987" in *Choice*, November 1988.

Slann reviewed Domhoff and Dye, *Power Elites and Organizations* in *The Journal of Politics*, November 1988.

Slann reviewed Shmuel Noah Eisenstadt, L. Roniger, and A. Seligman with Sarah Levinthal, *Centre Formation, Protest Movements, and Class Structure in Europe and the United States* in *Perspective*, Winter 1988.

POULTRY SCIENCE

D.V. Maurice (Assoc Prof) spoke on "Dietary Methionine and Niacin in Detoxification" at the 50th Cornell Nutrition Conference in Syracuse, N.Y.

Maurice also presented a seminar on "Regulation of Food Intake in Broilers" to the Poultry Biology group at Cornell University.

PUBLICATIONS AND GRAPHICS SERVICES

Jane Dorn (Graph Des) received a Second Place Award in the 1989 Southeast Theatre Conference Design Competition for the poster "Inherit the Wind."

Eve Gibson (Graph Mngr) and Jack McKenzie (Alumni/Dev Ed, Const Comm) received a Grand Award for the 1988 "President's Report" from the southeastern district, Council for Advancement and Support of Education.

RECORDS MANAGEMENT

Kerry Strong (Head) received a Special Recognition Award from Olsten Temporary Services for the department's first-place showing in the educational category of the records management competition.

RISK MANAGEMENT AND SAFETY

Freddie Harbin (Wrkrs Comp Coord) was chosen Secretary of the Year by the Clemson Chapter, Professional Secretaries International.

SOCIOLOGY

Brenda J. Vander Mey (Assoc Prof), Ellen S. Bryant and Norma J. Burgess published "Co-employed Spouses: Differences, Strategies and Discrimination," in *Journal of Family Issues*, 1988.

Vander Mey reviewed Robert C. Atchley's *Social Forces and Aging in Experimental Aging Research*, 1988.

STUDENT AFFAIRS

Bob Skelton (Assoc VP, Stu Aff) was elected to a two-year term as vice president for Division I schools in the National Collegiate Athletic Association (NCAA).

Skelton currently serves on the national committee reviewing minority opportunities in inter-collegiate sports and a subcommittee reviewing academic requirements.

Skelton also chairs the Division I committee for eligibility appeals and the District 3 committee for post-graduate scholarship.

TEXTILES

B.C. Goswami (Prof) was awarded an \$8,500 from Dow Chemical USA - Organic Products Research Group for research on high-performance fibers.

H.M. Behery (Prof) presented "Management Machines, Not People: The Future Management Techniques" at the Fourth Textile Symposium, Oct. 25-27, 1988, in Bursa, Turkey.

Behery presented "Fiber Properties Affecting Processing and Fiber/Machine Interaction" at the Engineering Fiber Selection mini-conference on "Fiber-Yarn Forecasting Research Directions" Nov. 3-4, 1988, in Raleigh, N.C.

Behery (Prof) will serve as an advisor on the board of the Bahamas Manufacturers Assoc.

UNIVERSITY RELATIONS

Ron Addis (Asst Dir, Ag Comm), Sheron Burdette (Bulletin Rm Supvr) and Carol Ryan (Prod Asst, Pub & Graph Serv) received the University Relations "Top Cat" awards for outstanding performance in 1988-89.

1988-89 Safe Drivers

Those receiving safe driver certificates this year were:

| | | |
|------------------------|----------------------|------------------------|
| James Bennett Atkinson | David C. Harshman | Ralph J. Porter |
| Ray W. Addis | Ronnie E. Hood | Romaine C. Powell |
| Richard B. Baker | Michael P. Hughey | James S. Rice |
| Michael F. Barber | Herman B. Jackson | Tom Roach |
| Dewey. K. Barefield | Earl Jennings James | Larry R. Rogers |
| Walter E. Berry | Garland Jenkins | Samuel B. Rogers |
| Samuel R. Bond | Gerald W. Kirby | Claude W. Rothell, Jr. |
| George E. Cantrell | Gerald W. Lecroy Jr. | Robert A. Sanders |
| James E. Chambers | Tony H. Lecroy | Horace D. Skipper |
| Jerry D. Cobb | Max Lennon | Kay C. Shaw |
| Marvin W. Cobb | Harold Leroy | Steven L. Shiflet |
| Frank M. Crane | Charles A. Long | Emerson R. Shipe |
| Harold M. Crane | Lynn A. Luszc | Frederick D. Singleton |
| Manzo N. Crooks Jr. | Monty D. Marcengill | Harold N. Smith |
| Ronald E. Felty | Henry S. Martin | Joe E. Terry |
| Willie Galloway, Jr. | Lloyd J. Maxwell | Bobby G. Watkins |
| Allen B. Garrett | Edward J. McAnulty | Garry W. Weeden |
| Richard C. Garvin | Terry L. Moore | E. Ashley Wells |
| Thomas E. Gibson | Edward C. Murdock | C.L. Wilbanks |
| William Ken Glenn | Arnold B. Owens | Paul F. Williams, Jr. |
| Hank C. Goodman | James A. Parham | Lawrence B. Wilson |
| Billy J. Gossett | Hershel L. Pearson | Wayne Wilson |
| W. Doyce Graham Jr. | Charles Poole | |

Business and Finance Employees of the Month

Business and Finance "Employee of the Month" awards have been presented to:

November 1988 —

Kathryn L. M. Connor (Management Services)
Clara King, Sandra Hilderbran (Laundry)
David Greenlee, Edward Rich, Robert Callahan (Facilities Maintenance and Operations Moving Crew)

December 1988 —

Betty Williams (Laundry)
Kathy Clarkson (Institutional Research)
Maribeth Sweet (Facilities Maintenance and Operations)

January —

Eleanor Keasler, Linda Durham (Facilities Maintenance and Operations)
Shirley Bowen (Copier Management)
Annette Bangle (Laundry)
Lauren Manley (Purchasing)

February —

Dana Irvin (Risk Management & Safety)
Linda Landreth (Financial Management)
C. David Nix (Facilities Maintenance and

Operations)

Roxie Hicks, Sylvester Jackson, Selena Peppers, Clara Wheaton (Poole Agricultural Center Custodial Staff)

March —

Martha Pace (Personnel Services)
Tina Smith (Printing Services)
C.L. Wilbanks, Richard McCaul, Mike Brewer, James Carter (Facilities Maintenance and Operations Preventive Maintenance Personnel)

April —

Teresa Morgan (Vice President's Office)
Frances Earle (Purchasing)
Manzo N. Crooks Jr. (Motor Pool)
Jana Mize (Financial Management)
The Print Shop
The Electrical Shop

May —

Vicki Hood (Transportation Services)
Herschel Pearson (Motor Pool)
Sue Duncan (Laundry)

1988-89

Certified Professional Secretaries

This year's recipients of the Certified Professional Secretary rating — the highest proficiency rating awarded to professional secretaries — are:

May 1989 —

Betty Campbell,
Commerce and Industry
Jean Crenshaw,
Commerce and Industry
Sandra Davis,
Biological Sciences
Lou Hardin,
Small Business Development Center
Kay M. Kay,
Civil Engineering
Lillian Lappie,
Housing
Carolyn Loftis,
Housing
Dixie Schmittou,
Graduate School
Kathy Wueste,
Campus Master Planning

November 1988 —

Janice Ables,
Housing
Gail Brock,
Student Development
Susan Childress,
Seed Certification
Zonell Clark,
Environmental Systems Engineering
Freddie Harbin,
Risk Management and Safety
Kerry Harper,
School of Accountancy
Karen LeMay,
Residential Services
Janice O'Connor,
Environmental Systems Engineering
Frances Wald,
Civil Engineering

June —

Ray Smith, Irene Leroy, Rosa Johnson,
Joyce Mattress (Facilities Maintenance and Operations)

Spring Exempt Employee Awards —

Patricia Finley, George Conover (Facilities Maintenance and Operations)
Roger Patterson (Financial Management)

Dates to remember...*Wednesday, Aug. 16*

— **Public viewing of a total lunar eclipse.** 9 p.m., YMCA Soccer Field. Free. (656-2197)

Monday, Aug. 21

— **Orientation.**

— **Town/Gown reception.**

5 p.m., Alumni Center.
(656-2345)

Tuesday, Aug. 22

— **Registration.**

— **Welcome Back Festival,**

5 p.m., downtown Clemson
(656-2345)

— **Cooper Library tour.** 2 p.m.
(656-5179)

Wednesday, Aug. 23

— **General Faculty Meeting.**

1 p.m., Tillman Auditorium.

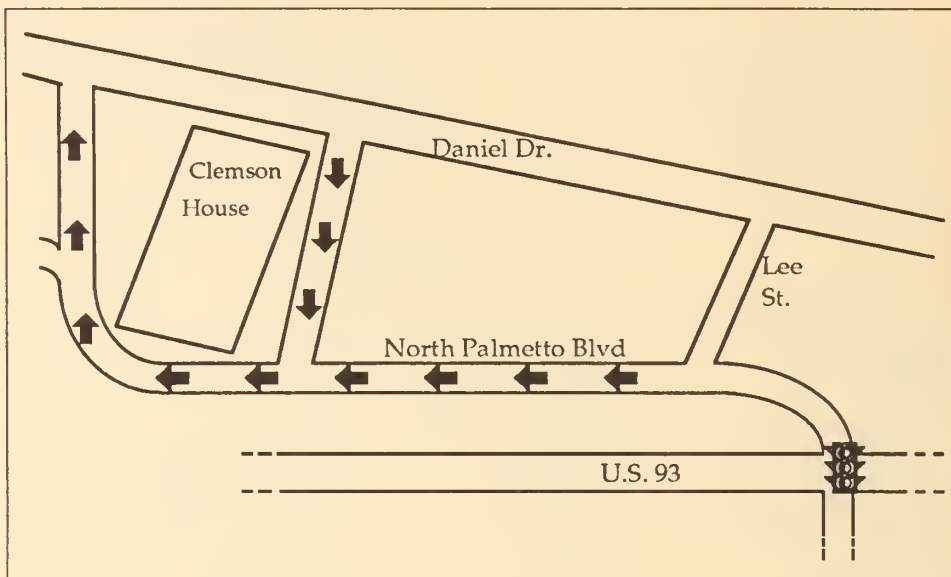
— **Late registration.**

— **Cooper Library tour.**

11:15 a.m. (656-5179)

Thursday, Aug. 24

— **Classes begin.**

**Now you 'loop' around the Clemson House**

Traffic flow around the Clemson House has changed, and new parking spaces have been added.

North Palmetto Blvd. from Lee

CLEMSON NEWSMAKERS

New performing arts department head **Chip Egan** will serve as co-host for the Saturday, Aug. 19, broadcast of "Artscene," a weekly S.C. Public Radio program on the arts.

Listen for him at noon at 90.1 on the FM dial.

St. to Daniel Drive is now a one-way street as is the parking lot access road behind the Clemson House, effectively creating a loop around that area.

(Note: You cannot turn left onto North Palmetto from the Clemson House access road.)

Also, parallel parking in the area has been converted to angle parking, thereby adding some 60 new spaces.

The changes were made to clear up congestion in that area and to expand parking around the Clemson House.

Students return Monday; parking may be difficult

Employees should remember that Monday, Aug. 21, is moving-in day for students, so parking could get scarce.

For that day, students will be able to park for one hour in employee spaces:

- along South Palmetto Blvd. from U.S. Hwy. 93 to Alumni Park (from the President's Home to the College of Nursing Building);
- around the Clemson House;
- in the Facilities Maintenance and Operations parking lot and in the Sirrine Hall parking lot.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, Aug. 18, for Aug. 30 issue.**



Clemson

WEEKLY

Vol. 29, No. 6

Wednesday, Aug. 23, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Staff Commission news

State tax on retirement benefits to be offset by formula increases

Even when they retire, Clemson employees most likely will not feel the effects of a new law requiring state income taxes on retirement benefits, a University retirement coordinator told the Commission on Classified Staff Affairs earlier this month.

"First of all, employees will not have to pay the income tax until after they start drawing retirement benefits. And second, the state Legislature has adjusted the retirement benefit formula to offset the effects of this tax," said Frances Holliday of Personnel Services.

"In effect, the formula increases your retirement earnings now by 7 percent," she said.

Holliday said that the retirement withholdings from employee paychecks will not increase. The state withholds 6 percent of an employee's gross annual income while Clemson (as the employer) contributes 7.55 percent of that same amount (an increase of

.4 percent from last year).

(If you retire after 30 years of service or at age 65, you will receive monthly payments for life. If you leave state service, you may opt to leave your own contributions in the system or else receive a refund of all your withholdings plus interest, which then becomes taxable income.)

Because the income tax also applies to those already collecting state retirement benefits, retirees were granted the 7-percent increase, as well.

The new law is the result of a recent court ruling, which sought

(Continued on back)

Smoking policy expected soon

The University may soon have a campuswide smoking policy.

The administration is considering a proposal drafted by the Personnel Office with recommendations from the Commission on Classified Staff Affairs and the Faculty Senate.

Generally, the smoking policy, if adopted, is expected to:

- designate smoking areas;
- permit smoking in some single offices or confined areas;
- prohibit smoking in common areas, such as lobbies, and in areas where flammable materials are present.

Details will be provided once a decision has been reached.

Special panel looking into rumors of NCAA recruiting violations

A special panel of University faculty members and administrators is looking into rumors of football recruiting violations that have led to recent news reports of an impending NCAA investigation.

Members of the panel are Chairman *Joe Mullins*, chemical engineering professor and former Faculty Senate president; *Cecil Huey*, mechanical engineering professor and chairman of the Athletic Council; *Almeda Jacks*, associate vice president for student affairs and dean of students; and *Ben Anderson*, University counsel.

Their charge from President Max Lennon is to assist Vice President for Student Affairs Nick Lomax and Athletic Director Bobby

Robinson in determining whether any NCAA, ACC or University rules or regulations have been violated, with particular emphasis on football. Their findings will be made available to the NCAA and to the public.

Robinson endorsed the panel and said its efforts should help protect the University's reputation and credibility.

"Because the panel includes faculty members and will report directly to the president, they will be seen as an objective third party, and they will have the clout needed to look into the matter," he said. "This action indicates that we are serious about getting to the bottom of this."



To get University I.D.s from now on, you need to go by G-11 Sikes Hall on week-day afternoons.

Starting Friday, Aug. 25, the business and financial affairs department will take over that photo operation from the University Union.

The number is 656-4355.

Dates to remember...**Thru Aug. 27**

— **Exhibit: Student paintings and top entries in performing arts center design competition.** 9 a.m.-4:30 p.m. weekdays, Rudolph E. Lee Gallery. (*Reception 2-5 p.m. Sunday, Aug. 27*)

Thru Sept. 7

— **Cooper Library tours.** (656-5179)

Thursday, Aug. 24

— **Classes begin.**

Aug. 24-25

— **Film: "Rain Man."** 7 and 9:30 p.m., Y-Theater. \$1.75. (656-2461)

Sunday, Aug. 27

— **Film: "Jagged Edge."** 7 and 9:30 p.m., Y-Theater. Free with student I.D. (656-2461)

Monday, Aug. 28

— **Print sale.** Union Loggia. (656-2461)

— **Lecture: "Seismic Considerations in Building"** by Japanese architect/engineer Gengo Matsui. 8 p.m., Lyles Auditorium. (656-4095)

Briefly

CARE on CUFAN

A new statewide database is available to provide families with free information on caring for children and elderly family members.

The Children and Adult Resource Express (CARE), developed by the home economics department, includes information on day care centers, nursing homes, hospices, and marriage and family therapists.

CARE is available on CUFAN (C.U. Forestry and Agriculture Network). Anyone with a VAX computer I.D. can access the database by typing "CARE" at the "\$ prompt."

For details, call Emily Wiggins at 656-3288.

New Alumni Professors

The University's two newest Alumni Professors are E. Cecilia Voelker (art and architectural history) and Robert F. Nowack

(civil engineering).

Named by the Committee of Academic Deans, the University's 19 Alumni Professors are selected primarily for excellence in undergraduate teaching. The professorships are funded by unrestricted gifts to the University's Loyalty Fund.

Voelker and Nowack succeed Jack McCormack (civil engineering) and Malcolm Skove (physics and astronomy), both of whom have retired.

At the Aug. 12 graduation, Clemson awarded:

- 27 Ph.D.s
- 242 Master's degrees
- 348 Bachelor's degrees
- 2 Education Specialist degrees

There were 619 new graduates in all.

Retirement (cont.)

to ensure that both federal and state employees were treated equally. Prior to the ruling, some

states (including South Carolina) did not tax state retirees, only federal retirees.

Other retirement highlights this year include:

- Transferring credit from the state system to the police officers system has been made easier.
- Employees now can purchase military service credit through Dec. 31, 1975.
- Retired employees can

return to state service and not be penalized as long as they make less than \$9,500 annually (up from \$9,000 last year).

For details on changes affecting you, check the latest *Retirement Systems Update* or call Holiday at 656-3367.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is **FRIDAY, Aug. 25**, for Sept. 6 issue.



Clemson

WEEKLY

Vol. 29, No. 7

Wednesday, Aug. 30, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Lennon challenges faculty to focus on environmental issues

With the environment continuing to emerge as a leading global issue, Clemson has the opportunity to become an international leader in environmental research, education and policy, President Max Lennon said at the Aug. 23 general faculty meeting.

Lennon cited established University excellence in the areas of:

- *rain forest depletion,*
- *wildlife toxicology,*
- *acid rain,*
- *ozone depletion,*
- *water resources policy study, and*
- *toxic waste management.*

"I challenge each of you to ask yourselves what you can do this year to make a difference," he said.

While he urged faculty in engineering, sciences, and agriculture and natural resources to search for technical solutions, Lennon pointed out that environmental issues cut across all University disciplines.

There is a need, he said, for architectural structures that are

more visually pleasing and energy-efficient, especially in reducing the amount of fossil fuels being burned.

Health-care professionals in nursing need to become more environmentally aware and better trained to handle infectious waste materials properly.

Education graduates, by instilling a sense of environmental awareness at the public-school level, will play important roles, as will Liberal Arts graduates.

"Even the best technological solutions will be useless without effective technical communication to convey them," he said.

Further, environmental preservation is an economic issue that will continue to affect public policy and taxation decisions for years to come.

"Clemson can make a difference — through research, through classroom instruction, through our public-service programs — if we all are willing to make the commitment, starting now," he said.

NCAA officially notifies Clemson of inquiry

The NCAA has officially notified Clemson of a preliminary inquiry into possible athletic recruiting violations, President Max Lennon told University faculty Aug. 23.

Lennon said the NCAA's investigation will determine if sufficient information exists to warrant an official investigation.

"Maintaining the integrity of Clemson University is our top priority," Lennon said. "I have the utmost confidence in Vice President for Student Affairs Nick Lomax and Athletic Director Bobby Robinson, and I have pledged to the NCAA our complete cooperation in this matter."

Also at the meeting, chemical engineering Professor Joe Mullins, chairman of a special University investigative committee, asked the faculty and staff for help.

Mullins, who said the committee's work would not necessarily be confined to investigating only football-related issues, asked for anyone with any information that might be helpful — especially from within the last four years — to contact the committee.

Look for two Edgar's — for now anyway

Don't be surprised if you hear about the opening of another Edgar's this week because — for the time being at least — there will be a couple of campus establishments using that name.

Edgar's *Nightclub* (operated by the University Union) has moved into the old video games section of the Union Games Area and will open Thursday, Aug. 31,

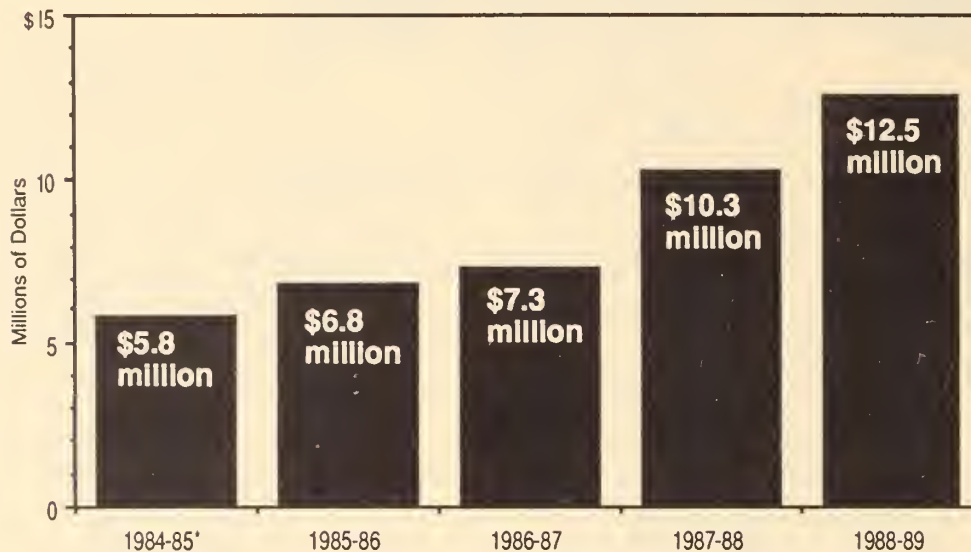
with the band "Widespread Panic" at 9 p.m.

Edgar's *Courtyard* (operated by ARA) has **not** moved from its location on the ground floor of the University Union complex and will continue to offer its usual fare of coffee breaks and lunches.

Until now, the two operations had shared the same area for more than a year.

The First Friday parade will be held Friday, Sept. 1, at 5:30 p.m. from Thornhill Village to Sikes Hall.

A pep rally will follow in the Outdoor Theater.



Private giving to Clemson has increased substantially since 1984-85.

This past fiscal year, Clemson established a new fund-raising record of \$12.5 million — a 21-percent increase over 1987-88.

** Fund raising for 1984-85 spanned 18 months because Clemson was switching from a calendar year to a fiscal year.*

Contributions up 21 percent:

Private giving tops \$12.5 million in '88-89, sets record

Private giving for Clemson academic programs topped \$12.5 million during the 1988-89 fiscal year that ended June 30.

That's a 21-percent increase over the 1987-88 record of \$10.3 million and a 71-percent increase over two years ago.

"Every category of donors increased their giving by a double-digit percentage over last year," says Jeff McNeill, associate vice president for development.

McNeill says corporate, foundation and association giving increased by 11 percent; alumni giving by 19 percent; and non-alumni giving (such as by faculty and staff members, and students' parents) by 38 percent.

More than 90 percent (\$11.3 million) of the gifts made in 1988-89 were restricted by donors for specific academic purposes, such as scholarships, professorships and research support.

Unrestricted giving in '88-89 reached \$1.2 million — \$200,000 more than in '87-88 — much of which also will be used for academic programs, including scholarships, fellowships, and faculty awards and stipends.

Additionally, unrestricted gifts

help fund alumni programs and services, fund-raising activities, and general University needs identified by the administration.

"Restricted gifts address long-term, basic needs, such as the need for a good library, faculty

chairs and student aid," McNeill says.

"Unrestricted gifts provide the financial flexibility to meet the University's most immediate and most pressing needs on a year-by-year basis."

Athletic scholarship donations to IPTAY increase 8 percent

Private giving to IPTAY, Clemson's general athletic scholarship fund, topped \$5 million during the '88-89 fiscal year.

One of the most successful

athletic fund-raising clubs in the nation, IPTAY received \$5.2 million from its 20,456 members last year, an increase of 8 percent over 1987-88's \$4.8 million.

C.U. academic fund-raising costs rank well below national average

Academic fund-raisers here spent 11.7 cents per dollar raised in 1988-89, well below the national average.

It cost \$1.5 million to raise a record \$12.5 million for academic programs.

Expenses included the cost of University-wide development programs and the cost of fund-raising activities for individual academic units, such as the College of Engineering.

The national average for colleges and universities is 16.7 cents per dollar, based on a survey of 311 colleges and universities contacted in 1986-87 by researchers at the University of Pittsburgh — the most current information available.

Of the 11.7 cents per dollar spent by Clemson, 7.6 cents came from state appropriations and the rest from unrestricted private gifts.

Dates to remember...*Thru Sept. 7*

— Cooper Library tours.

(656-5179)

Thursday, Aug. 31

— Fort Hill Clemson Club

Annual Pre-season Kickoff.

6 p.m.-8:30 p.m., Clemson Holiday

Inn. \$10. (Alumni Association,

Brian O'Rourke, 656-2345)

— Lecture: "Vietnam Today" by

history Professor Edwin Moise. 7:30

p.m., Thurmond Institute

Auditorium. Free. (Thurmond

Institute/history dept., 656-4700)

— Grand re-opening of Edgar's

Nightclub (in half of the old games

area). 9 p.m.-midnight. Band is

"Widespread Panic." (Union, 656-

2461)

Aug. 31-Sept. 2

— Film: "Twins." 7 p.m. and 9:15

p.m., Y-Theater. \$1.75. (Union,

656-2461)

Friday, Sept. 1

— First Friday Parade.

5:30 p.m., U.S. Highway 93 at Sikes

Hall.

— First Friday Concert: "24-7

SPYZ" and "The Godfathers."

7:30 p.m., Outdoor Theater. (Union,

656-2461)

— Deadline for 1990 Alumni Dis-

tinguished Service Award nomina-

tions. (Alumni Association, 656-

2345)

— Soccer: North Georgia.

7 p.m., Riggs Field. (656-2101)

*Saturday, Sept. 2***Alumni Center open** before and

after Furman game.

Football: Furman. Death Valley.

(656-2101)

Briefly

Books delivered to faculty

Now faculty can get information from the library without having to go there.

Starting Friday, Sept. 1, Cooper Library and Gunnin Architectural Library will begin an on-campus document delivery service to faculty.

That means faculty can use LUIS and DORIS to find what they're looking for, then order by electronic mail.

Send requests and library I.D. numbers to LICLEM (the libraries' address) using either VAX or TSO.

Books will be delivered by the next working day.

For details, call Ron Williford at 656-3214.

(The service will apply only to normally circulated books. Journals must still be checked out at the library.)

Free computer courses

The consulting and technical services department is sponsoring free short courses this fall on using personal computers, the NAS mainframe and the VAX.

To register or to get more information, call the CTS help desk at 656-3494.

Health packages

Employees can get a price break from the Nursing Center on finding out how well they've stayed in shape during the summer.

Included in each of two packages are updates on your blood iron (hemoglobin), blood pressure, pulse, body composition (percent fat), total cholesterol (high- and low-density lipids), blood sugar and triglycerides.

Option 1 provides a complete

check plus individual counseling on your results for \$38 (usually \$50).

Option 2 provides a complete check plus individual counseling on your results, a follow-up visit eight weeks later and a free wellness t-shirt for \$75 (usually \$100).

For details and to make an appointment, call the Nursing Center at 656-3076.

Poker fun run/walk

Wellness director Ron Alexander is looking for runners and walkers to participate in a 2-mile "Poker Fun Run/Walk" at noon Thursday, Sept. 7.

Participants (a limit of 52) will gather to walk the indoor track at Littlejohn Coliseum.

Those drawing winning poker hands at the end of the race will receive wellness t-shirts. Everyone will receive certificates.

For details, call 656-5479.

Remodeled Alumni Center

Boasting a new look, the remodeled Alumni Center is again available to be rented for various social and business functions.

The center has been redesigned to provide a more private meeting area in the lobby and a reception area for greeting visitors. Other changes include new lighting, new furniture and remodeled restrooms.

Center rental for University events is \$150. Rental for non-University events is \$300.

For more information, call the Alumni Office at 656-2345.

Edgar's Courtyard hours:

9 -11 a.m. coffee break

11 a.m.-1:30 p.m. .. lunch

1:30-2:30 p.m. coffee break

Briefly (cont.)

Appointments

Some recent University appointments include:

Thomas Ross Wilkinson, *dean and director of resident instruction, College of Agricultural Sciences*

Wilkinson is the former associate dean and associate director of the Agricultural Experiment Station at North Dakota State University.

Here, he will supervise the instructional programs of the 12 departments in the College of Agricultural Sciences, coordinate recruitment and oversee the college's scholarship program.

Lawrence R. Allen, *head of the parks, recreation and tourism management department*

Allen is former head of the department of leisure studies at the University of Illinois/Urbana-Champaign and chair of the department of recreation and leisure studies at Temple University in Philadelphia, Pa.

Stassen Thompson, *director of land management for the S.C. Agricultural Experiment Station*

A Clemson teacher for 16 years, Thompson works on mat-

ters related to Experiment Station land holdings throughout the state and on campus, including easements and rights of way. He is the Experiment Station's liaison with state government and University administration on land matters.

Clifton S.M. "Chip" Egan, *head of the performing arts department*

Egan, who has taught in the drama program here since 1976, teaches directing, theater history, stagecraft and set design.

He has directed independent studies in set and theater design in the College of Architecture, as well as a variety of professional productions.

Recent appointments in the College of Education include:

William E. West, *associate dean*

A faculty member since 1969, West will assist with the administration of four academic departments and four support offices.

Richard Blackburn, *elementary and secondary education department head*

Blackburn comes to Clem-

son from Northeast Louisiana University, where he served as chairman of the educational leadership and counseling department. Here, he will oversee the college's largest department.

Kathy Neal, *assistant elementary and secondary education department head*

A faculty member since 1987, Neal will assist in the administration of seven instructional areas in the department.

Ken Lindsey, *student services manager, elementary and secondary education department*

Lindsey, who has worked in the department since 1970, will be responsible for scheduling college facilities, as well as support activities and related student services.

Carolyn Briscoe, *director of field experiences for the college*

A faculty member since 1971, Briscoe will oversee the scheduling and placement of education students in all field assignments and internships.

Tom Parks, *director of extension and public relations programs for the college*

Parks comes here from the S.C. Department of Education, where he served as the state supervisor of teacher education. In his new job, he will coordinate off-campus graduate courses and college public relations efforts.

Sign up Sept. 11 for bowling leagues

Bowlers take note: signups for University Union bowling leagues begin Monday, Sept. 11, at 7 p.m.

Also, if you'd like to manage a league, you can bowl free for the entire semester.

For details, call the games area at 656-5838.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, Sept. 1, for Sept. 13 issue.**



Clemson

WEEKLY

Vol. 29, No. 8

Wednesday, Sept. 6, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson Foundation endowment earns 25 percent in 1988-89

A 25-percent return in fiscal 1989 on externally managed investments of private gifts received by the Clemson University Foundation has helped push the University's total endowment to \$45 million.

Foundation investments significantly out-performed national standards in the fiscal year that ended June 30, says Gary Ransdell, vice president for institutional advancement.

The Foundation's combined return was 25.1 percent, while the Standard and Poor's 500 Index rose 20.5 percent and the Dow Jones Industrial Average rose 14.5 percent.

The average return for investment pools similar to the Foundation's was 17.7 percent, says Ransdell.

Of Clemson's \$45-million endowment, about \$33 million is held by the Foundation, an independent, non-profit, tax-exempt organization that raises, receives and manages private gifts for the University's benefit. The rest is held by the University and by the South Carolina state treasurer.

The \$33 million held by the Foundation includes \$26.5 million

in investments and \$6.5 million in non-income producing assets, principally cash and real estate.

Working through independent fund managers supervised by the Foundation board's investment committee, the organization puts about 65 percent of its funds into equities (stocks and bonds) and the other 35 percent into lower-risk, fixed-income investments.

In 1988-89, the equity investments had a return of 49 percent, and the fixed income investments returned 10.5 percent. Together, these made up the 25.1 percent combined return for the year.

"We didn't take any greater risk this year than any other year," says Ransdell, who attributed the Foundation's success to a fund-management policy that emphasizes flexibility and incentive.

"We try to keep the foundation positioned to take advantage of a good stock market year and, by the same token, to be protected in a bad market year," he says.

"And under our fund distribution system, the fund managers who perform the best for us get a larger share of new gift money to manage, so there's a strong incentive for good performance."

University completes TECNET project

A crucial phase has ended for a five-year, \$4-million University computer science project that links U.S. Department of Defense research agencies, contractors and universities.

The operations component of TECNET, the "test and evaluation community network" project spearheaded by Clemson computer scientists, is being transferred from Clemson back to two Department of Defense installations in Maryland to permit researchers to continue software development and to allow the network to be used for transmitting more sensitive information.

In 1984, the University announced a project to link some 600 government, industry and university researchers at 60 sites through a communications network created especially for them by Clemson computer scientists.

TECNET was set up for government and related facilities doing research on the effectiveness of procedures and equipment used by the defense department.

Book packaging works well for freshmen

Roughly 2,000 of this year's 2,900 freshmen had their books prepackaged under a new system at the University bookstore.

Bookstore employees bagged books according to students' course schedules, and the packages were ready for pick-up and

payment when the students arrived on campus.

Freshmen signed up for the system during summer orientation.

There are no plans at the moment to extend the service to upperclassmen.

Alumni Center open on football Saturdays

In addition to its 8 a.m.-5 p.m. weekday schedule, the Alumni Center will be open this fall for two hours before each home football game and for one hour afterward.

Dates to remember...*Thru Sept. 7*

— **Cooper Library tours.**
(656-5179)

Thursday, Sept. 7

— **Defensive Driving Class.** 8 a.m.-4:30 p.m., Police Department Courtroom. (Risk Management and Safety, Freddie Harbin, 656-3365)

— **Professional Secretaries International meeting.** Noon, Clemson House Ballroom. (Sandra Davis, 656-2330)

— **Lecture: "Document Design"** by Janice Redish, vice president for the American Institutes for Research. 4:30 p.m., McAdams Auditorium. (English dept., 656-3151)

Friday, Sept. 8

— **Slide Presentation: "Dominica: A New Opportunity for Clemson"** by G.W. Burnett, associate professor, PRTM. 12:20 p.m., Lehotsky Auditorium (G-22). (PRTM, 656-2204)

Tuesday, Sept. 12

— **Faculty Senate meeting.** 3:30 p.m., Senate Chambers. (Gordon Halfacre, 656-4957)

Wednesday, Sept. 13

— **Last day to order diploma.**

Briefly

PC Days on Campus

The fifth annual PC Days on Campus showcase will be held Sept. 13-14 in the Palmetto Ballroom of the University Union.

Representatives from Apple Computer, IBM and Zenith — as well as the campus Micro Center — will be available from 10 a.m. to 4 p.m. to demonstrate the latest product lines and to answer questions.

For details, call The Micro Center at 656-3714.

Self-studies on file

The special collections department has on file Clemson's 1981 self-study assessments for departments and colleges.

So if you're looking for some guidelines for this year's self-study, you can call special collections at 656-3031 or go by the Strom Thurmond Institute.

New catalog service

Researchers in the colleges of Engineering and Architecture will benefit from a new vendor information service at Cooper Library.

The service includes:

- more than 95,000 catalogs on microfilm with drawings, specifications and price information from manufacturers and distributors on a variety of industrial products and services;

- industry standards approved by major U.S. professional associations.

The information can be accessed in the reserves and media services room on the second level of Cooper Library.

System representatives will demonstrate the new service in Cooper Library Sept. 27 from 9 a.m. to noon and Sept. 28 from 8 a.m. to 4:30 p.m.

Demonstrations in the Gunning Architectural Library will be held Sept. 27 from 1 p.m. to 3 p.m.

For more information, call the reference desk at 656-3024.

Rowing advisor needed

The C.U. Rowing Association is looking for a faculty or staff member to serve as an advisor.

For details, call Mark Marvin at 654-1790.

Micro Center birthday

The Micro Center, located in Poole Computer Center, is celebrating its first anniversary.

In addition to microcomputer consulting and troubleshooting, The Micro Center offers discounts on Apple, IBM and Zenith microcomputers, which are on display for users to view and test.

The Micro Center is open 9 a.m.-4 p.m., Monday-Friday, and at noon on the first Friday of every month.

For details, call 656-3714 or send electronic mail to user ID "MICRO" on the NAS mainframe.

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Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is **FRIDAY, Sept. 8**, for Sept. 20 Issue.

Clemson

WEEKLY

Vol. 29, No. 9

Wednesday, Sept. 13, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Buckley political lecture marks Centennial's final phase

An address by one of the world's most well-known conservatives will highlight the fourth and final phase of Clemson's Centennial Celebration.

William F. Buckley Jr. — author, talk show host and renowned political commentator — will speak Wednesday, Sept. 20, on "The University and Public Policy into the 21st Century" at 8 p.m. in Littlejohn Coliseum. His lecture is free and open to the public.

Buckley is host of the weekly PBS television show "Firing Line," which emphasizes discussions on current political issues.

He is the author of "On the Right," a syndicated column appearing three times weekly in some 300 U.S. newspapers and dozens more throughout the world.

Among his awards are an Emmy for Outstanding Program Achievement, the Distinguished Achievement Award in Journalism, The American Book Award for

Best Mystery (paperback) for his book *Stained Glass*, and the Ralph Waldo Emerson Award for public speaking.

Buckley earned his bachelor's degree in political science, economics and history from Yale University and has received more than 20 honorary doctorates.

His address is sponsored by Calhoun College Honors Program and the Centennial Committee.

Beach Boys, Chicago to entertain at Homecoming

This year's Homecoming concert, sponsored by the University Union, will feature the Beach Boys and Chicago Saturday, Oct. 14, at 8 p.m. in Littlejohn Coliseum.

Concert tickets go on sale Friday, Sept. 15, at noon in the Union Box Office.

For tickets, call 656-2461.

Get concert tickets at Union Box Office

Getting tickets to most campus concerts and performances just got seven digits easier.

Those seven digits are 656-2461 — the telephone number for the University Union.

The Union's Box Office now handles tickets for most campus performances, including those sponsored by the performing arts department.

In addition to the Union's usual concerts and its Performing Artist Series, the Box Office is now the place to get tickets for such events as Clemson Players productions and Concert Series performances.

"If you need a ticket to a non-athletic, campus event, check here first," says Box Office Manager Wanda Hicks, "and if we can't get you a ticket, we'll tell you where you can find one."

Hicks says tickets can be ordered by phone (there is a \$1 charge for telephone orders), then picked up that same day. MasterCard and Visa credit cards (as well as Clemson MasterCards and Visas) are accepted.

The Box Office, located on the fifth level of the University Union complex (next to the canteen/food court), is open noon-5 p.m., Monday-Friday.

— Look for telephone, retirement seminars —

Telephone users seminar slated for Sept. 14

The telecommunications department will host a pair of telephone users seminars Thursday, Sept. 14, in the Senate Chambers.

Designed primarily for new employees, the hour-long seminars will be held at 10 a.m. and at 2 p.m.

To register, dial '0.'

Retirement seminar

Personnel Services will host a pre-retirement education seminar Nov. 9-10 for employees within at least 15 years of retirement.

The deadline to pre-register is Tuesday, Oct. 31.

Topics include retirement and social security benefits, financial planning and investments, legal affairs and insurance.

For details, call Frances Holliday at 656-3367.

**Hours for the
Rudolph E. Lee Gallery
in Lee Hall are
9 a.m.-4:30 p.m. weekdays.**

1988-89 Faculty Promotions

TO FULL PROFESSOR:

Agricultural Sciences

Jay W. Chapin, Entomology
Joyce H. Christenbury, Home Economics
John A. Collier, Agricultural Engineering
Jeffrey W. Foltz, Aquaculture, Fisheries & Wildlife
Bruce A. Fortnum, Plant Pathology & Physiology
Linda L. Gardner, Home Economics
Randall P. Griffin, Entomology
Judith S. Kline, Home Economics
Denzil V. Maurice, Poultry Science
Edward C. Murdock, Agronomy & Soils
Emerson R. Shipe, Agronomy & Soils
Bill R. Smith, Agronomy & Soils
John G. Surak, Food Science
Ronald L. Thomas, Food Science
Ted Whitwell, Horticulture/Agronomy & Soils
Francis J. Wolak, Agricultural Engineering

Architecture

Lynn G. Craig, Architectural Studies

Commerce & Industry

David W. Grigsby, Management
Clarence D. Rogers, Textiles

Education

Robert P. Green Jr., Elementary & Secondary Education
John V. Hamby, Elementary & Secondary Education
Gerald G. Lovedahl, Industrial Education

Engineering

James L. Burati Jr., Civil Engineering
Robert A. Fjeld, Environmental Systems Engineering
Adly A. Girgis, Electrical & Computer Engineering
John J. Komo, Electrical & Computer Engineering
Kelvin F. Poole, Electrical & Computer Engineering
Robert J. Schalkoff, Electrical & Computer Engineering

Forest & Recreation Resources

G. Wesley Burnett, Parks, Recreation & Tourism
Management
Andy W. C. Lee, Forestry

Sciences

Lawrence A. Dyck, Biological Sciences
Steven S. Hayasaka, Microbiology
Michael M. Kostreva, Mathematical Sciences
Miguel F. Larsen, Physics & Astronomy

TO ASSOCIATE PROFESSOR:

Agricultural Sciences

Peter H. Adler, Entomology
Robert A. Haygood, Plant Pathology & Physiology
John D. Mueller, Plant Pathology & Physiology
Vangimalla R. Reddy, (Visiting) Agricultural Engineering

Architecture

Sydney A. Cross, Visual Arts & History

Commerce & Industry

John S. Davis, Management
Orren F. Hunter, Textiles
Jacquetta J. McClung, Marketing
Dennis L. Placone, Economics
Raymond D. Sauer, Economics

Education

Robert D. Hefley, Elementary & Secondary Education
C. Daniel Schmittou, Industrial Education

Engineering

Reda M. Bata, Engineering Graphics
H. David Leigh III, Ceramic Engineering
Eric C. Skaar, Ceramic Engineering
Mark C. Thies, Chemical Engineering
Ting Wang, Mechanical Engineering

Liberal Arts

Thomas R. Alley, Psychology
Edwin P. Arnold, Languages
Patricia A. Connor-Green, Psychology
Lawrence E. Estaville Jr., Geography
Richard E. Goodstein, Performing Arts
S. Carl King, Languages
William Lasser, Political Science
Pamela E. Mack, History
Sara M. Saz, Languages
Benjamin R. Stephens, Psychology
Carol M. Ward, English
Donna H. Winchell, English

Nursing

Lorraine R. Fisher, Nursing
Syble M. Oldaker, Nursing

Sciences

Albert G. Abbott, Biological Sciences
Thomas A. Hughes, Microbiology/Agronomy
Arkady L. Kholodenki, Chemistry

TO ASSISTANT PROFESSOR:

Sciences

Alton D. Smith, Biology

TO ASSOCIATE LIBRARIAN:

Marian H. Withington, Reference

TO ASSISTANT LIBRARIAN:

Dennis S. Taylor, Special Collections

Nursing

Sara E. Barger (Head), Professional Development & Services

Lorraine R. Fisher (Assoc Prof)

Maryann B. Reichenbach (Assoc Prof)

Sciences

Thomas A. Hughes (Assoc Prof), Microbiology/Agronomy

Dennis E. Stevenson (Assoc Prof), Computer Science

John R. Wagner (Asst Prof), Earth Sciences

Library

Deana L. Astle (Assoc Librarian), Cooper Library

FACULTY RECEIVING TENURE:

Agricultural Sciences

Peter H. Adler (Assoc Prof), Entomology

Glenn M. Couchman (Assoc Prof), Home Economics

Roy B. Dodd (Assoc Prof), Agricultural Engineering

John D. Mueller (Assoc Prof), Plant Pathology and Physiology

William A. Shimel (Prof), Agricultural Education

Architecture

Robert J. Hogan (Assoc Prof), Architectural Studies

Commerce & Industry

Roger K. Doost (Assoc Prof), Accounting

John M. Harris Jr. (Assoc Prof), Finance

David N. Laband (Assoc Prof), Economics

Jacquetta J. McClung (Assoc Prof), Marketing

Engineering

Donald E. Beasley (Assoc Prof), Mechanical Engineering

Adly A. Girgis (Prof), Electrical & Computer Engineering

S. Imtiaz ul-Haque (Assoc Prof), Mechanical Engineering

Earl J. Hayter (Assoc Prof), Civil Engineering

Delbert L. Kimbler Jr (Assoc Prof), Industrial Engineering

Elham B. Makram (Assoc Prof), Electrical & Computer Engineering

Yuan Fang-Zheng (Assoc Prof), Electrical & Computer Engineering

Forest & Recreation Resources

Thomas D. Potts (Asst Prof), Parks, Recreation & Tourism Management

Liberal Arts

Susan J. Hilligoss (Assoc Prof), English

Carol E. Johnston (Assoc Prof), English

William Lasser (Assoc Prof), Political Science

John W. Ryan (Assoc Prof), Sociology

Stephen A. Satris (Assoc Prof), Philosophy

Judith P. Staton (Asst Prof), English

Donna H. Winchell (Assoc Prof), English

C.U. Housing Institute 1989 Proposals Funded

Joe M. Bunn (Prof)

Agricultural Engineering

Moisture-Related Problems in Residential Housing Structures Due to External Sources of Moisture

Robert Fjeld (Assoc Prof)

Environmental Systems Engineering

Correlations of Indoor Radon Concentration with House Characteristics in South Carolina

Linda L. Gardner (Assoc Prof)

Home Economics

Establishing Databases Pertaining to Moisture-Related Problems in Residential Housing Structures

H.G. Lefort (Assoc Prof)

Ceramic Engineering

Toughened Improved Clay Roofing Tile for Residential Use

Stephen D. Schuette (Assoc Prof)

Building Science

Improvement of Consumer Awareness of Cost of Residential Construction

J. Pat Smith (Vstg Asst Prof)

Sociology

Factors Influencing the Design of Portable Living Quarters for the Male Urban Skilled Homeless in the Carolinas

P.R. Sparks (Prof)

Civil Engineering

Extension of a Computer-Based Expert System for the Structural Design of Wood-Framed Houses

Briefly

Housing grant deadline

Sept. 30 is the deadline for sending proposals to the C.U. Housing Institute.

Proposals must be limited to \$2,000 and to no more than two pages. Work must be completed by June 30, 1990.

For details, call Richard Spray at 656-4072.

Sex/AIDS education

Information packets on sex education and AIDS education are available at no charge from Redfern Health Center.

For details, call Mary Steeves at 656-2233.

YMCA programs

The YMCA will hold an after-school camp this semester for children in kindergarten through sixth grade.

Children will be transported from school to the YMCA recreation area, where they will be supervised until their parents pick them up.

Other programs offered this semester by the YMCA are:

- *Karate* (ages 8-adult, Monday and Wednesday evenings);

- *Tumbling* (ages 5-13, Tuesdays and Thursday evenings);

- *Fitness* (adults, Monday, Wednesday and Friday mornings, and Tuesday and Thursday evenings);

- *Aerobics to Music* (adults, Monday, Wednesday and Friday mornings); and

- *Swimming* (adults, Monday and Wednesday mornings).

Programs are open to everyone in the Clemson area.

For details drop by Holtzendorff YMCA Center or call Bill Wooten at 656-2460.

Scholarship deadline

Applications are available for this year's make-up scholarships period.

The deadline to apply is Wednesday, Nov. 1. Forms can be obtained in the Financial Aid Office, G01 Sikes Hall.

Students who previously applied for the 1989-90 academic year by the March 1 deadline will automatically be considered and need not re-apply.

However, students should contact the Financial Aid Office to verify their date of application.

For details, call 656-2280.

Bowling specials

This semester's bowling specials at the University Union are:

Monday-Friday
9 a.m.-2 p.m. and
Wednesdays,
2 p.m. to closing

- "Early Bird" — 75 cents per game, 25 cents for shoes

Fridays
6 p.m. to closing

- \$1 per game, 25 cents for shoes

Saturdays
• Rent-a Lane for \$4 per hour

Sundays
• Free game when getting a strike with "Mean Green" head pin

For more information, call the Union Games Area at 656-5838.

Dates to remember...

Thursday, Sept. 14
— **Black Faculty/Staff Association meeting.** 5 p.m., 300 Sikes Hall. (Greg Robinson, 656-5031)

Friday, Sept. 15
— **Women in Higher Education Network meeting.** Noon, Clemson Ramada Inn. Speaker is WSPA-TV Anchorwoman Jane Robelot. (Elaine Hallums, 656-2428)


Tuesday, Sept. 19
— **Staff Commission meeting.** 10 a.m., 538 Nursing Building. Features an update on new health insurance. (Judi Nicks, 656-2598)

Friday, Sept. 22
— **Meeting for employees interested in establishing a branch of the S.C. State Employees Association.** 7 a.m., Clemson Shoney's. (Dixie Schmittou, 656-5339)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, Sept. 15, for Sept. 27 Issue.**



Clemson

WEEKLY

Vol. 29, No. 10

Wednesday, Sept. 20, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Kellogg Foundation gives Clemson \$2.97 million for state youth program

The W.K. Kellogg Foundation of Battle Creek, Mich., tomorrow (Sept. 21) will announce a \$2.97 million grant to support a new state youth education program.

"Visions for Youth" will call on resource specialists in all disciplines at Clemson and S.C. State College to help develop plans to counter adolescent problems such as drug abuse, teen-age pregnancy and academic failure. The problems will be identified by groups at the local level.

The grant is the largest Clemson has ever received from a private foundation.

In addition to Kellogg's \$2.97 million, the remainder of the program's \$8-million budget will come from Clemson and S.C. State, along with private funding.

The program will be tested in pilot counties, then expanded statewide.

State 4-H Program Leader Glen Krohn, who coordinated the "Visions" proposal, says, "It's the 5-to-10-year-old group we think needs the most help, and the younger they can get it, the better."

A 22-member statewide council will guide the project, working with local youth boards. Clemson will provide 11 members plus a representative from the National

"The 'Visions for Youth' program is the kind of forward-thinking cooperative venture that characterizes Clemson University, South Carolina State College and the Kellogg Foundation ... because it recognizes that our young people are threatened by drugs, illiteracy, ignorance and apathy."

Governor Carroll Campbell

"While the entire state will benefit tremendously in the long run from this important new educational venture, the immediate beneficiaries will be many of our young people."

President Max Lennon

"These young citizens must be helped to become responsible individuals of the future."

S.C. State College President

Albert B. Smith

Dropout Prevention Center.

Grant Shrum, recently retired head of the National 4-H Council in Washington, will serve as interim director of the project until a full-time director is employed.

This is only the second such youth program in the nation. A similar project, also supported by the Kellogg Foundation, is just getting under way in Missouri.

Established in 1930, the W.K. Kellogg Foundation, is among the world's largest private philanthropic organizations, having distributed more than \$1 billion in support of programs in agriculture, education, health and youth development.

Problems facing S.C.'s youth

- Among South Carolina's high school seniors, more than 50 percent use alcohol, 4.6 percent use cocaine and 19.7 percent use marijuana. (source: S.C. Commission on Alcohol and Drug Abuse survey)

- Juvenile delinquency is on the rise. The number of commitments to S.C. Department of Youth Services correctional facilities jumped from 709 in 1984 to 866 in 1987.

- South Carolina leads the nation in infant mortality, due in part to teen-age pregnancy. Pregnancies for South Carolina girls age 14-17 from 1979 to 1984 averaged 5,700 with about 4,000 giving birth. (source: S.C. Department of Health and Environmental Control)

- The proportion of students dropping out continues to be a major concern for the education community, particularly in South Carolina. In 1987-88, one out of every three students in South Carolina dropped out before graduating from high school. In all, South Carolina has the 10th largest number of dropouts in the nation. (source: *The National Dropout Prevention Center at Clemson*)

- South Carolina's family structures and lifestyles are changing. In 1985 DHEC reported 13,456 divorces and annulments in the state, involving some 11,598 children.

Homecoming concert tickets

Tickets for this year's Oct. 14 Homecoming concert featuring the Beach Boys and Chicago are \$22.50 and are available at the University Union Box Office.

For tickets, call 656-2461.

Dates to remember...*Wednesday, Sept. 20*

— Last day to withdraw from class or the University without record.

— Centennial Lecture: "The University and Public Policy into the 21st Century" by political commentator William F. Buckley Jr. 8 p.m., Littlejohn Coliseum. Free. (Calhoun College, 656-4762)

— 10th Annual Hartzog Lecture: James M. Ridenour, director of the National Park Service. 2 p.m. Strom Thurmond Institute auditorium. (PRTM, Lawrence Allen, 656-3400)

Thursday, Sept. 21

— Chemical Engineering seminar: "Modeling Morphologies Using Statistical Mechanics" by Peter Monson, University of Massachusetts chemical engineering dept. 2 p.m., 100 Earle Hall. (Vicky Rampey, 656-2621)

— Concert Series: Tchaikovsky Chamber Orchestra. 8 p.m., Tillman Auditorium. Free for students, \$7 adults, \$4 children. (Performing Arts, 656-3043)

Friday, Sept. 22

— Meeting for employees interested in establishing a branch of the S.C. State Employees Association. 7 a.m., Clemson Shoney's. (Dixie Schmittou, 656-5339)

— Mechanical Engineering seminar: "The Changing Perception of Science and Engineering in Our Society" by Michael J. Salkind, U.S. Air Force Office of Scientific Research. 2:30 p.m., 100 Lowry Hall. (656-3470)

Saturday, Sept. 23

— Alumni Center open before and after Maryland game. (656-2345)

— Football: Maryland. Death Valley. (656-2101)

— Concert: Jane Powell. 8 p.m., Edgar's. (Union, 656-2461)

Sunday, Sept. 24

— Fifth Annual Pickens County Walk Against Hunger. 1:30 p.m. St. Andrew's Catholic Church. (Enoch Hendry, 654-4547)

— Speaker: Jeff Martin (head writer for the David Letterman Show). 8 p.m., Tillman Auditorium. Free. (Union, 656-2461)

Monday, Sept. 25

— College of Liberal Arts 20th Anniversary Celebration:

• Liberal Arts panel discussion: "The Theory and Practice of Liberal Arts Education and the Role of the Liberal Arts Today." 3:30 p.m., Daniel Auditorium. Free. (656-3263)

• Liberal Arts lecture: "Windows of Opportunity in U.S.-Soviet Relations" by Graham Allison, dean of the Kennedy School of Government, Harvard University. 8 p.m., Tillman Auditorium. Free. (656-3263)

*Sept. 29-30
(also Oct. 3-7)*

— Clemson Players production: "A History of the American Film." A satire on American films from the 1930s to the '70s. 8 p.m. (3:30 p.m. matinee Oct. 5), Daniel Auditorium. Free for students, \$2 faculty and staff, \$4 general admission. (Performing Arts, 656-3043)

Recent appointments:

William Ward, director of international programs for the Division of Agriculture and Natural Resources

Ward, a former professor of agricultural economics and rural sociology at Michigan State University, will join Clemson in December. His experience includes training government officials in international finance appraisal and developing an agricultural sector investment program for El Salvador.

The Columbia native earned his bachelor's and master's degrees from Clemson and his doctorate from Michigan State.

Fran Massey, director of wage and salary administration

Wage and salary administration concentrates primarily on providing technical assistance in matters of job classification, compensation, occupational/labor market research and employee productivity.

The Seneca native earned her bachelor's in mathematics from Winthrop College and has worked in classification and compensation at Clemson for the past 10 years.

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Editor, *Clemson Weekly* Mark Ford

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Clemson

WEEKLY

Vol. 29, No. 11

Wednesday, Sept. 27, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Funding for research and sponsored programs tops \$66 million for '88-89

In another record year, Clemson's total research and sponsored program expenditures grew to \$66.3 million during 1988-89, up some \$2.5 million from the previous year.

That's significant because federal agencies such as the National Science Foundation and the Department of Defense use these expenditures to measure universities' research productivity for a particular year.

The jump marks a near-90-percent increase since 1986, says Jay Gogue, vice president for research. "The numbers reflect the fact that our faculty are vigorously engaged in some heavily funded projects," Gogue says.

Expenditures refer to the amount of funding awarded and spent on projects during a particular fiscal year, especially since

projects are often awarded on a multi-year basis.

Of the 1988-89 tally, \$22.4 million comprises expenditures for competitive grants and contracts (up from \$20.8 million in '87-88). The remainder includes special equipment grants and state funds appropriated on a non-competitive basis — such as funds for the Research and Education Centers and for Extension programs.

Of the total expenditures for competitive grants and contracts, \$14.2 million came from federal agencies, \$1.8 million from state agencies, \$5.1 million from industry and \$1.3 million from foundations and other sources.

"Almost 23 percent of the funding came from industry — that's way above the national average of 5 percent for land-grant universities," says Gogue.

1989 freshman class boosts minority enrollment

The admissions office reports a 1989 freshman class size comparable to 1988, with a significant increase in minority freshman enrollment.

"We enrolled 277 black freshmen this fall, a 72 percent increase over last year's figure of 161," says Michael Heintze, director of admissions. He cites the new Clemson Scholars program as a major reason for the increase. Through that program, the University offers tuition scholarships to the top students in each South Carolina high school who choose to attend Clemson.

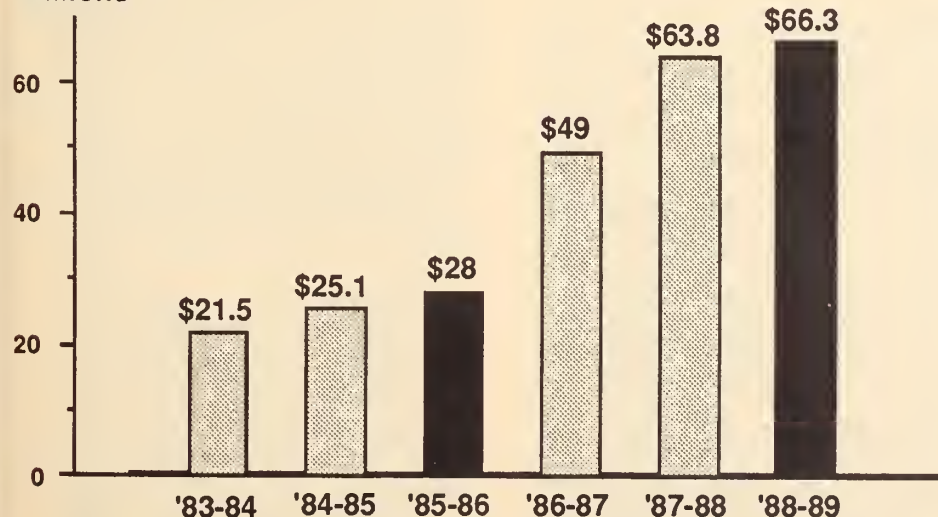
The total freshman enrollment of 2,899 represents only a slight increase over last year's freshman class of 2,886.

Heintze attributes the size of freshman class to a 5-percent increase in applications and Clemson's successful efforts to recruit more students into the agriculture and textile programs.

The 1989 freshman class also includes a record number of South Carolinians, 1,947, representing 67 percent of the class.

Total enrollment figures for the University's programs, on and off campus, will be finalized around the first week in October.

Millions



Clemson's research and sponsored program expenditures have increased nearly 90 percent since 1985-86 to a record total this year of \$66.3 million.

For tickets to University concerts and performances, call the Union Box Office at

656-2461

Fourteen join University Board of Visitors

Fourteen new appointees to the University's Board of Visitors begin their two years of service with Clemson's top public advisory group this week.

The new members will join the Board's 27 other prominent business, professional and community leaders for the group's Sept. 28-30 general fall assembly. This year, they will meet in Raleigh at N.C. State University, one of Clemson's land-grant peers.

Members are nominated by the Board of Trustees and appointed by President Max Lennon.

The new members are:

— Patrick L. Baughman Sr., owner, The Baughman Agency, Hilton Head Island;

— R. Paul Benik Jr., presi-

dent, Arcadian Risk Managers, Myrtle Beach;

— Newton C. Brackett Jr., professor of medicine, Medical University of S.C., Charleston;

— Frank B. Caggiano, clerk, S.C. State Senate and director of the Office of Senate Research;

— I.L. "Rusty" Donkle Jr., president and chairman of the board of I.L. Donkle Co. Inc., Greenville;

— James S. Gibson Jr., attorney, Howell, Gibson and Hughes, P.A., Beaufort;

— Ben E. Griffith Jr., president, People Resources Inc., Sumter;

— Bennett L. Hendricks Jr. of Easley, member, S.C. House of Representatives, representing Dist. 5, Pickens County;

— Tommie W. James Jr., senior research engineer with E.I. du Pont Co.'s fibers plant in Camden;

— Ellison S. McKissick Jr., chairman of the board, Alice Manufacturing Co. Inc., Easley;

— John T. Mundy of Mt. Pleasant, retired executive with S.C. Electric & Gas Co.;

— Ted Pappas, president, Pappas Associates, Architects Inc., Jacksonville, Fla.;

— H. Graham Reynolds of Trenton, exporter of solar heating equipment and retired president of H.G. Reynolds Construction Co.;

— Curtis G. Shaw, judge, S.C. Court of Appeals, Greenwood.

Departmental Notes

Administrative Programming Services

Phil Lyles (Sys Dev Mgr), Stan Smith (Registrar) and Richard Carpenter (Deg Aud Cor) presented "Automated Degree Audit at a Large Public University" at the Management of Student Information Systems conference in Dallas July 17-20.

Judi Nicks (Sr Sys Analyst) was elected chairperson of the Commission on Classified Staff Affairs for 1989-90.

Nicks and Elizabeth Neil (Sr Sys Analyst) presented "Online Security in a University Environment" at the CUMREC '89 Conference in Boston May 14-17.

Ches Martin (Prog/Analyst) was elected president of the BRS North American Users Group at its annual meeting in Albany, N.Y., May 22-24. He will represent that group at the European group meeting in Brussels in October.

Betsy Hegg (Info Res Con) spoke at the Fluor Daniel CMMS Users Conference May 9 in Greenville on tools available on the Clemson computing network.

George Alexander (Dir) and Richard Her (Assoc Dir, Libraries) wrote a chapter Campus Strategies for Libraries and Electronic Information.

Alexander, Meyer, and Joe Boykin (Libraries) wrote the chapter "A Case Library-Computer Center Cooperation for Advances in Library Automation/Networking."

Agricultural Communications

Pete Pepinsky (Dir) spoke on "Risk Taking in Communications" at the Agricultural Communicators in Education national conference July 17 in Portland, Ore.

Department staffers received five national awards in the ACE 1989 Critique and Awards program at the conference.

Agricultural Economics and Rural Sociology

B.L. Dillman (Prof) reviewed "Land Reform, American Style" in The Annals of Regional Science.

Dillman and G.L. Carriker (Prof) presented "Local Business Development: A Community Case Study" at the April meetings of the Southern Regional Science Association in Chapel Hill, N.C.

Dillman and Carriker presented "Application of a Full-Cost Pricing Strategy to South Carolina Rural Water Service" at the American Agricultural Economics Association meeting in Baton Rouge July 30-Aug. 2.

Harold M. Harris (Prof) presented "The 1990 Farm Bill-Implications for Extension Program" at the Mississippi Agricultural economics Association annual meeting in Starkville, Miss., Aug. 18.

J.C. Hite (Alumni Prof) reviewed "The Economy of the Earth" in the May

issue of The American Journal of Agricultural Economics.

Hite reviewed "Toward a Well-Fed World" in the Spring issue of The Journal of Agricultural Economics Research.

Hite was appointed to the long-range strategic planning committee of The American Agricultural Economics Association.

K.H. Kahl (Prof) presented "Determinants of the Storage Season Corn Basis in South Carolina" at the American Agricultural Economics Association meeting in Baton Rouge Aug. 2.

Kahl and Stephen E. Miller (Prof) published "Performance of Estimated Hedging Ratios Under Yield Uncertainty" in The Journal of Futures Markets.

At the Southern Agricultural Economics Association meeting in Nashville Feb. 5-8:

Dillman chaired "Recreations and Wildlife Resources: Valuation and Use."

Harris presented "The SAEA: 20 Years" and two other talks.

Hite presented "Financing Infrastructure in Rural America."

Kahl moderated "Futures Market Strategies."

D.B. Smith (Prof) presented "Issues Programming: Progress or More Bureaucracy."

Aquaculture, Fisheries and Wildlife

G. K. Yarrow (Asst Prof) presented "Landowner Cooperatives for Income and Recreation from Wildlife and Forest Resources" at the 42nd Annual Southeastern Association of Fish and Wildlife Agencies meeting in Hilton Head Nov. 7-9, 1988.

Yarrow also presented "Forms of Business Organizations: Emphasis on Small Landowner Cooperatives for Natural Resources" at the Eastern U.S. Conference on Income Opportunities for Private Landowners through Management of Natural Resources and Recreational Access in Wheeling, W. Va., April 10-12.

Yarrow also presented "Coexistence of White-Tailed Deer and Feral Hogs: Management Implications" and "An Improved Computer-Aided Methodology for Microhistological Analysis of Deer Diets" at the 12th annual meeting of the Southeastern Deer Study Group, Oklahoma City, Okla. Feb. 20-22.

Joseph R. Tomasso (Assoc Prof) and David Brune (Assoc Prof, Ag Eng) coordinated the first International Symposium on Water Quality and Aquaculture at the World Aquaculture Society meeting in Los Angeles.

Architectural Studies

John A. Drake (Grad Stu) was one of three students nationally to receive an American Institute of Architects/American Hospital Association Fellowship for the 1989-90 academic year.

Bioengineering

Christopher (Kit) Vaughan (Assoc Prof) presented "In Search of the Homunculus" (based on his recent book *A Dynamic Manual of Human Gait*) at the 12th bi-annual meeting of the International Society of Biomechanics in Los Angeles in June.

Vaughan and Kevin Stone (Grad Asst) presented "A New Transducer Technology for Measurement of Plantar Pressures" at the same meeting.

Biological Sciences

Gayle Pittman Noblet (Prof) presented "Vertical Distribution of Protozoans in Aquatic Systems" at the annual meeting of the Southeastern Society of Parasitologists and the 50th annual meeting of the Association of Southeastern Biologists in Charlotte April 5-7. Co-author was Dennis E. Kyle (former Grad Stu).

Building Science

Roger W. Liska (Head) was elected to a three-year term as national director of the American Institute of Constructors at its national meeting in Bethesda, Md., March 30-April 4.

Liska also presented a training session there on accreditation at the mid-year board meeting of the American Council for Construction Education.

Chemical Engineering

Dan Edie (Prof) was named Clemson University's newly established Dow Chemical Professor.

Chemistry

R. A. Abramovitch (Prof) presented "Recent Advances in the Chemistry of Arylnitrenium Ions" at Georgia State University in Atlanta Feb. 27.

Abramovitch gave the Georges-Elie Amyot Lectures at Laval University in Quebec, Canada, May 22-25.

Abramovitch presented "Reactivity of Nitrogen Heterocycles and Influence of N-Oxidation" May 26 at the University of Quebec, Montreal.

Abramovitch, Joseph M. Beckert (Grad Stu), William Pennington (Dir of X-ray Labs), P. Chinnasamy, He Xiaohua, and A.R. Vinutha Sanjivamurthy (all Grad Stu) published "Electrophilic Animation: Direct Primary Animation of Arenes Using Phthalimide Derivatives" in *Heterocycles*.

K. Dill (Assoc Prof), S. Hu (Grad Stu), E.L. McGown and R.J. O'Connor (Letterman Army Institute) published "Preparation, Structure, and Solution Dynamics of Phenylchloroarsine-Thio Sugar Adducts" in *Carbohydrate Research*.

Dill, E. R. Adams (former Grad Stu), McGown, and O'Connor published, "Structure and Dynamics of a Lipoic Acid-Arsenical Adduct" in *Chemical Research in Toxicology*.

Dill, Adams, S.D. Davis (Grad Stu), McGown, O'Connor, and S.F. Hallowell (Aberdeen Proving Ground) published "Reaction of trans-2-Chlorovinylarsine Oxide with Polydeoxynucleotides in Drug and Chemical Toxicology."

Dill presented "NMR Studies of Arsenic-Biological Complexes" to the scientists and staff of the molecular spectroscopy division of Lockheed Missiles and Space Corporation in Sunnyvale, Calif.

Dill presented "NMR Studies of Glycoprotein Structure and Function" to the scientists and management of Protein Design Labs Inc. in Palo Alto, Calif.

Dill and R.D. Carter (former Grad

Stu) published "13 C-NMR Spectral Studies of the Interactions of Metal-ions with Carbohydrates: Use of Relaxation Probes" as a chapter in *Advances in Carbohydrate Chemistry and Biochemistry*.

Thomas Tisue (Assoc Prof) presented "Zinc and Cadmium Dynamics in Green Bay and Lake Michigan" at the University of Wisconsin April 28 in Madison.

Computer Science

P.J. Bernhard (Asst Prof), H.B.H. Hunt and D.J. Rosenkrantz (SUNY-Albany) presented "Compaction of Message Patterns into Space-Efficient Representations for Multiprocessor Interconnection Networks" at the 1989 International Conference on Parallel Processing in St. Charles, Ill., Aug. 9-11. The paper will be published in the conference proceedings.

R.M. Geist (Prof), M.K. Smotherman (Asst Prof) and M.L. Brown (Grad Stu) presented "Ultrahigh Reliability Estimates for Systems Exhibiting Globally Time-Dependent Failure Processes" at the 19th annual International Conference on Fault-Tolerant Computing in Chicago, June 2-23.

S.T. Hedetniemi (Prof) presented "Algorithmic Complexity of Some Real-Valued Functions on Graphs" at the 1989 CORS/ORSA/TIMS meeting in Vancouver, B.C., May 9. Coauthors were D. Jacobs (Asst Prof), A. Majumdar (Grad Stu) and G. Fricke (Wright State Univ).

Gene A. Tagliarini (Grad Stu) presented "Learning in Systematically Designed Networks" at the International Joint Conference on Neural Networks in Washington, D.C., June 19. Coauthor was E.W. Page (Prof).

Consulting and Technical Services

DCIT Update, edited by Pam Purcell (Publ Ed), was ranked among the best newsletters of its kind in an annual international competition sponsored by the Association for Computing Machinery.

Dairy Science

Joe Dickey (Alumni Prof) received the Purina Mills National Teaching Award for excellence in teaching dairy production at the college level.

Economics

Robert McCormick (Prof) was awarded a Fulbright Scholar Grant to teach economics at the Universidad Francisco Marroquin in Guatemala from July through June 1990.

Elementary and Secondary Education

Richard Blackburn (Head), Dwight Hare, Lori Wallace and Jerry Mathews (Northeast Louisiana Univ) presented "Addressing The Causes of Teacher Turn-over in Rural and Small Schools: Policy Implications" at the annual meeting of the National Council of Professors of Educational Administration.

Blackburn also chaired a session at the meeting.

Don Fuhr (Assoc Prof) was elected secretary of the National Association of Professors of Elementary Administration at the National Association of Elementary Principals Annual Convention April 15-18 in Atlanta.

Fuhr served on the National Association of Elementary School Principals Ten-Year Research Advisory Committee, which assisted in publishing "The K-8 Principal in 1988."

Fuhr published "Elements of Effective Leadership" in the March issue of The Bulletin.

William Leonard (Prof) published "An Experimental Test of an Extended Discretion Laboratory Approach for University General Biology" in Journal of Research in Science Teaching and Laboratory Investigations in Biology.

Leonard published "A Comparison of Student Reactions to Biology Instruction by Interactive Videodisc or Conventional Laboratory" in the Journal of Research in Science Teaching and "Ten Years of Research on Investigative Laboratory Instruction Strategies" in the Journal of College Science Teaching.

Leonard presented "A Review of Research on Laboratory Instruction at the College Level" to the annual meeting of the National Association for Research in Science Teaching in San Francisco. He presented "Variation Among Populations" and "Problems Encountered in Large Enrollment Lecture Classes: What Can We Do?" to the annual convention of the National Association of Science Teachers in Seattle.

John M. Walker (Prof), Ernest J. Kozma (Prof) and Robert P. Green Jr. (Assoc Prof) published American Education: Foundations and Policy and an accompanying instructor's manual.

Vera B. Anand (Prof) coordinated a National Science Foundation workshop at C.U. Aug. 13-18 on "Computer Graphics in Undergraduate Engineering Design."

English

Richard J. Calhoun (Alumni Prof) contributed the entry "Southern Magazines" to the Encyclopedia of Southern Culture.

Calhoun wrote "Poetry: The 1940s to the Present" for American Literary Scholarships Annual 1987.

Calhoun, as president of the Robert Frost Society, chaired "Robert Frost: A Re-evaluation" at the MLA annual meeting in New Orleans Dec. 29, 1988.

Carol Johnston (Assoc Prof) published "Thomas Wolfe" in The Concise Dictionary of Literary Biography.

Johnston published "Publishing South" in The Encyclopedia of Southern Culture.

Johnston reviewed Critical Essays on Thomas Wolfe and Thomas Wolfe and His Editors for the South Carolina Review.

Johnston received the Zelda Gitlin Award from the Thomas Wolfe Society.

Johnston was elected to the board of directors for the Thomas Wolfe Society.

Johnston received an NEH travel grant for her work on Edwin Arlington Robinson: A Descriptive Bibliography.

Jack McLaughlin (Prof) presented "Monticello: Thomas Jefferson's American Villa" at a University of Virginia School of Architecture symposium March 17-18.

R.W. Moran (Asst Dean) published "The Mall Culture" and "The Mazda Effect" in Remember that Symphonies Also Take Place in Symphonies: The Northeast Anthology.

Moran published "James Wright" in Twentieth-Century American Literature. Coauthor was G.S. Lensing (Univ of North Carolina).

Moran published "I Think I Do" in The Connecticut Poetry Review.

Roger Rollin (Lemon Prof) presented "Redefining 'Literature'" at the 1988 meeting of the Modern Language Association.

Rollin published "There's No Business Like Education" in the January-February issue of Academe.

Rollin, as vice president of ACA, presented papers on the inter-relations of popular culture and other disciplines, and on pornography to the American Culture Association.

Rollin chaired "Psychological Approaches to Popular Culture" and read "Not Beyond Pleasure Principle" at a meeting on psychology and literature sponsored by the Institute for the Psychological Study of the Arts at the University of Florida.

John P. Zanes (Assoc Prof) won first place in the 1989 poetry competition sponsored by the Emrys Foundation. His poem was published in the April issue of Emry Journal.

Environmental Systems Engineering

Leslie Grady Jr. (Bowen Prof) received the Simon W. Freese Environmental Engineering Award of the American Society of Civil Engineers.

Experimental Statistics

W.C. Bridges Jr. (Assoc Prof), S.L. Knapp and Ming-Hui Yang (Oregon State Univ) published "Nonparametric Confidence Interval Estimators for Heritability and Expected Selection Response" in Genetics.

Fertilizer and Pesticide Control

Lee Galloway (Pest Reg Spec) presented "Pesticide Update" to the Pee Dee Pest Control Association in Florence April 4.

C.C. Lay (Pest Reg Spec) presented "Structural Pest Control in South Carolina: What Lawyers Ought to Know" to the Charleston County Bar Association March 17.

Lay presented "Soil Sampling for Termiticide Residues: South Carolina's Rationale, Procedures and Results" at the Association of Southern Feed, Fertilizer and Pesticide Control Officials meeting in Raleigh July 20.

Forestry

R.A. Harris (Assoc Prof) published "Accelerated Ambient Air-Drying of Wood Fuel" in the May issue of Forest Products Journal.

D.N.-S. Hon (Prof) published "Surface Chemistry of Oxidized Wood."

Hon and W.Y. Chao (Grad Stu) published "Effect of Sulfur Dioxide on Wood Surface Quality" in Journal of Applied Polymer Science.

Hon published "Viscoelastic Properties of Thermoplasticized Wood" in Press Proceedings of the International Symposium on Wood and Pulp Chemistry in May.

Hon and Nian-Hua Ou (Grad Stu) published "Thermoplasticization of Wood. I. Benzoylation of Wood" in Journal of Applied Polymer Science.

S.M. Jones (Asst Prof) published "Wildflower of the Month" in the May issue of Lakeside Living Magazine.

G.D. Kessler (Prof) published "We Are Master Tree Farmers: Guidelines for Implementing a Master Tree Farmer Program" as a brochure for the American Forest Council and C.U. Cooperative Extension Service.

A.E. Miller (Asst Prof), R.K. Reid (former Grad Stu) and R.W. Rose (Westvaco) published "Carbohydrate Re-

sources and Root Growth Potential in Selected Families of Loblolly Pine" in the proceedings of the 10th North American Forest Biology Workshop on Physiology and Genetics of Reforestation July 1988.

R.C. Rowe (Ag Sci Assoc) and F.H. Tainter (Prof) published "Interactive Videodisc: A Cure for Teaching Blight" in the January issue of Plant Disease.

R.E. Schoenike (Prof Emeritus, deceased) and M.T. Gaffney (S.C. For Comm) published "The Leyland Cypress: A Tree of Beauty" in March.

Michael Taras (Head) was elected president of the Forest Products Research Society.

D.H. Van Lear (Prof) and T.A. Wal-drop (U.S. For Serv) published "History, Uses and Effects of Fire in the Appalachians" as USDA Forest Service Southeast-

ern Station Gen. Technical Report SE-54.

T.M. Williams (Assoc Prof) and D.J. Lipscomb (For Dir) published "Pine Regeneration Success of a Private Nonindustrial Land Owner on the South Carolina Coast" in the Southern Journal of Applied Forestry in February.

R. Zahner (Prof) published "A Model for Tree-Ring Time Series to Detect Regional Growth Changes in Young, Evenaged Forest Stands" in Tree-Ring Bulletin, 1988.

The following presented papers at Pine-Hardwood Mixtures: A Symposium on Management and Ecology of the Type" April 18-19 in Atlanta:

Zahner and G.W. Smalley (U.S. For Serv) — "Site Quality: The Ecological Basis for Pine-Hardwood Management Decisions."

Jones — "Application of Landscape Ecosystem Classification in Identifying Productive Potential of Pine-Hardwood Stands."

Van Lear — "Fell and Burn to Regenerate Mixed Pine-Hardwood Stands: An Overview of Effects on Soil."

D.R. Geisinger (Grad Stu), T.A. Wal-drop (U.S. For Serv), J.L. Haymond (Asst Prof) and Van Lear — "Effects of Season of Felling and Summer Burning on the Development of Regeneration on a Piedmont Pine-Hardwood Site."

L.E. Nix (Assoc Prof) and Jones — "Early Crop Tree Presence in Upland Pine-Hardwood Stands Related to Site Quality and Pre-harvest Stand Composition."

Lipscomb and Williams — "Lower Coastal Plain Pine-Hardwood Stands:

1989 Provost Research Award Winners

Amit Bagchi (Asst Prof)
Mechanical Engineering
Design and Development of an Automated Polishing Workstation

Robert Ballard (Assoc Prof)
Biological Sciences
DNA Fingerprinting and Plant Patent Protection

Susan D. Boerckel (Asst Prof)
English
Bibliographic Research on Kenneth Burke

Joe M. Bunn (Prof)
Agricultural Engineering
Modeling Thermal Processes for Food Mixes in Continuous Flow Cookers

Bruce A. Fortnum (Assoc Prof)
Plant Pathology, Pee Dee REC
Effect of Colored Mulch on Root-Knot

Doreen Geddes (Asst Prof)
Performing Arts
Patterns of Interpersonal Communication: An Examination of Regional Differences in the United States

Annel K. Greene (Asst Prof)
Dairy Science
Development of Improved Media for Enumerating Lactic Acid Bacteria

Paula R. Heusinkveld (Assoc Prof)
Languages
The Cultural Connection: Teaching Culture in the Foreign Language Class

Susan Hilligoss (Asst Prof)
English
A Critical Study of Robert Coles

B.L. Hughes (Prof)
Poultry Science
Genetic Mapping of Disease Resistance in Animals

Daniel A. Kluepfel (Asst Prof)
Plant Pathology and Physiology
Long Term Survivability and Genetic Stability of Genetically Engineered Microorganisms Released in the Environment

Robert A. Latour Jr. (Asst Prof)
Bioengineering
Development of Bone-Like Fiber Reinforced Polymer Composites: Effect of Physiologic Saline upon the Fiber/Matrix

Jack McLaughlin (Prof)
English
Letters to a President: Unsolicited Correspondence Written to Thomas Jefferson During His Presidency

Thomas J. Overcamp (Prof)
Environmental Systems Engineering
Biological Scrubber for Air Pollutants

Maryann B. Reichenbach (Assoc Prof)
Instruction (College of Nursing)
Comparison of Children's Use of Pain Relief Under Two Methods of Administration

Helene M. Riley (Prof)
Languages
A Visually Annotated History of Cultural Contributions by German-Speaking Settlers in South Carolina

Jeffrey Scott Schippman (Asst Prof)
Psychology
Clemson Applied Psychology Taxonomy Projects

Jessup M. Shively (Prof)
Biological Sciences
Genetic Manipulation of Carbon Dioxide Fixation in Bacteria

Fred Stutzenberger (Prof)
Microbiology
Destruction of Human Antibodies by Bacterial Enzymes

Lolly Tai (Assoc Prof)
Architecture
Research of Public Botanical Gardens to Determine Specific Guidelines for Successful Planning and Design

Guebre X. Tessema (Assoc Prof)
Physics and Astronomy
Effect of High Magnetic Fields on Charge Destiny Waves

Raymond C. Turner (Assoc Prof)
Physics and Astronomy
Development of Toy-Based Teaching Modules

Malcolm Usrey (Assoc Prof)
English
Betsy Byars, The Writer and Her Achievement

Darrell G. Yardley (Assoc Prof)
Biological Sciences
Metabolic Controllers of Gene Expression

D.A. Zumbunnen (Asst Prof)
Mechanical Engineering
A Study of the Thermal Interaction Between a Hot Moving Plate and an Impinging Water Jet

Management of Two Distinctly Different Site Types."

4-H and Youth Development

Diane G. Smathers (Assoc Prof) published "Toward the 21st Century: Will Home Economics Survive?" in the March/April issue of Illinois Teacher.

History

J.L. Arbena (Prof) presented "Latin American Music of Protest and Revolution" at the annual meeting of the South-eastern Council of Latin American Studies in Myrtle Beach April 13-15.

Richard M. Golden (Prof) reviewed Correspondance de Fenelon and Politics and Culture in Early Modern Europe: Essays in Honour of H.G. Koenigsberger in the July issue of Religious Studies Review.

Golden chaired "Three Centuries of Urban Unrest" at the International Congress on the History of the French Revolution in Washington, D.C., May 6.

Golden reviewed Fiction in the Archives: Pardon Tales and Their Tellers in Sixteenth-Century France in the Spring 1988 issue of Sixteenth-Century Journal.

Golden reviewed Le Diocese de Paris, Vol. I: Des origines a la Revolution, in the January issue of The Catholic Historical Review.

Golden reviewed La revocation de l'Edit de Nantes et le protestantisme francais en 1685 in the April issue of American Historical Review.

Thomas Kuehn (Assoc Prof) reviewed Paolo Giovio: 11 Rinascimento e la memoria for American Historical Review.

Kuehn reviewed Storia sociale e dimensione giuridica in The Journal of Modern History.

Kuehn reviewed Political Thought of baldus de Ubaldis in Renaissance Quarterly and reviewed Fides in rem publicam in Journal of Modern History.

Home Economics

Judith S. Kline (Prof) was appointed to the planning committee for the National 4-H Clothing and Textiles Volunteer Forum.

Kline recieved the 1989 Outstanding Home Economist in Extension award from the S.C. Home Economics Association.

Kline and Emily Wiggins (Prof) published "Development of the Wedding: Extension's Way to Reach a Young Audience" in Computer Education.

Kline and Wiggins published "Mar-

keting: A Path to Programming For Young Families" in the Journal of Home Economics.

Wiggins and Allene Cross (Univ of Georgia) published "Teaching Principles of Designing Quality Computer-Assisted Instructions to Extension Home Economists" in the International Journal of Instructional Media.

C. Tom Mounter (Prof) was appointed to the professional marketing and public relations committee of the American Home Economics Association for 1989-91.

Housing

Amos Crooks received the Custodian Award for the First Quarter April 14.

David Norman received the Custodian Award for the Second Quarter June 29.

Industrial Education

Alfred F. Newton (Head) was elected president of the Board of Directors for the National Vocational-Technical Honor Society at its annual business meeting April 8.

Industrial Engineering

Carl R. Lindenmeyer (Prof) presented "Creativity: Process and Personality" at the Anderson Chapter of the Administrative Management Society March 7.

Languages

Helene M. Riley (Prof, German) published "Liebe in derSicht der Frau des 17. Jahrhunderts" in Daphnis.

Riley received the Federal Republic of Germany's Friendship Award May 23 in Atlanta.

Margit M. Sinka (Prof, German) received a grant from the University of Tuebingen to participate in an interdisciplinary seminar on German studies in June/July at the University of Tuebingen, West Germany.

Harry E. Stewart (Prof, French) and Rob Roy McGregor (Prof, French) published "Jean Genet's Psychiatric Examination in 1943" in the April issue of The French Review.

Management

John J. Kanet (Burlington Prof), H. David Leigh III (Asst Prof, Cer Eng) and Erich J. Schwarz (Leoben, Austria) published "Quality Control Practices in the American Ceramic Industry" in the

March issue of The American Ceramic Society Bulletin.

Kanet wrote the chapter "Enhancing Manufacturing Planning and Control Systems with Artificial Intelligence Techniques" for Knowledge-Based Systems in Manufacturing.

Kanet and David P. Christy (Penn State Univ) published "Manufacturing Systems with Forbidden Early Shipment: Implications for Setting Manufacturing Lead Times" for the May issue of International Journal of Production Research.

R.L. LaForge and O.B. Christoph (former Grad Stu) published "The Performance of MRP Purchase Lot-Size Procedures Under Actual Multiple Purchase Discount Conditions" in Decision Sciences.

LaForge was named to the editorial review board of Production and Inventory Management Journal.

LaForge was named a Certified Fellow of Production and Inventory Management by the American Production and Inventory Control Society.

Mechanical Engineering

Amit Bagchi (Asst Prof) and Hyuk-Soo Jang (Ohio State Univ) presented "Tool Selection in Machining by Integration of a Data Base and a Rule Based System" at the 2nd International CIRP conference on New Manufacturing Technology at Tennessee Technological University June 1-2.

James G. Goree presented "Fracture of Whisker Reinforced Aluminum" as an invited delegate to the first U.S.S.R.-U.S.A symposium on the Mechanics of Composite Materials on May 23-26. Coauthor was James Albritton (former Grad Stu).

Ranganathan Kumar (Asst Prof) published "Laboratory Studies of Thermal Convection in the Interface Under a Stable Layer" in the International Journal of Heat and Mass Transfer.

Kumar was awarded a NASA grant for "Fluid Dynamics of Phase Separation in a Field of Centrifugal Acceleration."

Kumar and T.D. Yuan (former Grad Stu) published "Recirculating Mixed Convection Flows in Rectangular Cavities" in AIAA Journal of Thermophysics and Heat Transfer.

Kumar published "Laboratory Studies of Thermal Convection in the Interface Under a Stable Layer" in the International Journal of Heat and Mass Transfer.

Christian E.C. Przirembel (Head) was elected to the executive committee of the board of directors for the Accreditation Board for Engineering and Technology.

Przirembel chaired the ASME 1989

Mechanical Engineering Department Heads Conference in Orlando, Fla., March 8-10.

Prziembel presented "Mechanical Engineering Curricula for the 1990s" at the Engineering Foundation Conference on Innovation in Undergraduate Engineering Education at Muncie, Pa., Aug. 6-11.

Ting Wang (Asst Prof) presented "Some Intermittent Behavior of Transitional Boundary Layer" at the AIAA 20th Fluid Dynamics, Plasma Dynamics and Laser Conference at Buffalo, N.Y., June 12-14.

Wang chaired "External Heat Transfer" at the 1989 ASME International Gas Turbine and Aeroengine Congress in Toronto, Ontario, June 5-8.

Wang received 3-M Corp.'s annual Non-Tenured Faculty Grant, worth \$15,000.

J.F.M. Wiggendaad (Vstn Instr) presented "Damage Tolerance of Composite Aircraft Structures" in Noordostpdolder, Netherlands, June 12.

Performing Arts

Lillian U. Harder (Assoc Prof) performed a solo piano recital at the First Baptist Church in Greenville March 12 as part of the Sunday Evening Chamber Music Series.

Harder gave a solo piano concert May 4 to benefit the St. George Cultural Theatre.

Philosophy and Religion

Charles H. Lippy (Prof) presented "Motifs in Protestant-Jewish Relations in the United States" and led a series of seminars at the 11th National Workshop on Jewish-Christian Relations in Charleston March 27-30.

Lippy edited Twentieth-Century Shapers of American Popular Religion. He also wrote the book's introduction and the essay on Billy Graham.

Physics and Astronomy

Phillip B. Burt (Prof) and Mesgun Sebatu (former Grad Stu) presented "Properly Normalized Solitary Wave Exchange NN Potentials" at the International Conference on Few Body Problems.

Burt visited Bradford University in England July 20-24 as part of a NATO-sponsored research program.

Burt published "Non-dispersive Solitary Wave in Gravitational Systems" in the May issue of Classical and Quantum Gravity.

A.L. Laskar (Prof) spoke on "Ionpu-

rity Diffusion in AgX" at ISIS-90 in Dresden, East Germany, Aug. 20-24.

Laskar presented "Fast Diffusers in AgX" May 14-19 at a symposium in Boston at the SPSE Conference. The paper will be published in the Journal of Photographic Sciences.

Laskar presented "Superionic Composites" at the Gordon Conference on Solid State Ionics July 23-28 at Proctor Academy, N.H.

Laskar edited Superionic Solids and Solid Electrolytes, to which he contributed "Defect and Their Transport in Silver Halides and Their Composites."

Laskar organized and directed a NATO Advanced Study Institute March 12-26 on diffusion in materials where he spoke on "Diffusion in Ionic Solids" at Aussois, France. G.A. Popson (Grad Stu) and K. Stanley (Grad Stu) presented papers on the diffusion of HG2+ and Se2- in AgX. Laskar edited the proceedings.

James E. Lynch was awarded the 1988 Nuclear and Plasma Sciences Society Graduate Scholarship Award.

John R. Ray (Prof) and K. Lee (former Grad Stu) published "Mechanism of Pressure-Induced Martensitic Phase Transformations: A Molecular Dynamics Study" in the Jan. 1 issue of Physical Review.

Ray published "On the Lagrangian Formulation of Spinning Fluids in Riemann-Cartan Spacetime" in the December 1988 issue of Physics Letters A.

Ray and Mark D. Kluge (former Grad Stu) published "Velocity Vs. Temperature Relation for Solidification and Melting of Silicon: A Molecular Dynamics Study" in Physical Review B.

Ray presented "Computer Stimulation Studies of Silicon" at Wake Forest University March 30.

Ray published "Effective Elastic Constants of Solids Under Stress: Theory and Calculations for Helium from 11.0 to 23.6GPa" in the July 1 issue of Physical Review B.

Ray and P. Vashishta (Argonne National Laboratory) published "Low-Temperature Phase Transformation in Superionic Conductors: A Molecular Dynamics Study of Silver Sulfide" in the June 1 issue of the Journal of Chemical Physics.

Ray and Vashishta published "New Forms of Molecular Dynamics and Superionic Conductors" as a section in Superionic Solids and Solid Electrolytes.

Raymond C. Turner (Prof) presented "Toys in Physics Teaching" to high school physical science teachers in Columbia.

Turner presented "Toys in Space" and "Toys in Science Teaching" to elementary and high school teachers in Greenville.

Turner presented the "Have Toys, Will Travel" at the American Association of Physics Teachers meeting in San Luis Obispo, Calif.

Turner is a member of the Committee on Science Education for the Public.

Planning Studies

Jose R. Caban (Head) is president-elect of the urban design and preservation division of the American Planning Association. He also will edit the Urban Design and Preservation Quarterly.

Plant Pathology and Physiology

O.W. Barnett published "Virus Damage Evaluation" in Acta Horticulturae.

Barnett, B. Sammons (former Grad Stu), R.F. Davis and M.K. Mizuki published "A Survey of Viruses Infecting Yellow Summer Squash in South Carolina" in Plant Disease.

Barnett, S.W. Scott (Assoc Prof) and Junqiang Xia (former Vstg Scholar) published "Naturally Occurring Viruses of Pokeweed Found in South Carolina" in Acta Horticulturae.

L.W. Baxter (Prof), S.G. Fagan (Ag Sci Asst) and S.B. Segars (Ag Sci Assoc) published "Response of Kanjiro (Camellia hemalis) and several C. sasanqua Seedlings to Stem Infections Caused by Glomerella cingulata" in Atlanta Coast Camellias.

Baxter and Segars published "Camellia sasanqua Cuttings Killed When Dipped in Spore Suspension of Glomerella cingulata" in The Camellia Journal.

Baxter and Segars published "A Note on Grafting Camellias" in The Camellia Journal.

Baxter and Segars published "Thoughts on Camellia Cold Hardness" in The Camellia Journal.

N.D. Camper (Prof) and K.L. Ellers (former Ag Sci Assoc) published "Protein Synthesis in Trifluralin-treated Corn Root Tips" in Plant Growth Regulations.

Political Science

Martin W. Slann (Prof) and Susan Duffy (Cal Poly State Univ) edited Morality and Conviction in American Politics: A Reader.

President's Office

Max Lennon (Pres) is chairing a National Association of State Universities and Land-Grant Colleges committee to work with Congress to develop legislation on foreign assistance and international development.

Dates to remember...*Wednesday, Sept. 27*

— Opening reception for "Japanese Textile Art" by Nobu Uchi'i. 6 p.m., Cooper Library lobby. (Yuji Kishimoto, 656-4095)

— Soccer: Georgia State. 7 p.m., Riggs Field. (656-2101)

Sept. 27-Nov. 15

— Exhibit: "Japanese Textile Art" by Nobu Uchi'i. Library hours, Cooper Library lobby. (Yuji Kishimoto, 656-4095)

Thursday, Sept. 28

— United Way Campaign Kickoff. Campaign will last through Nov. 17. Goal is \$60,000. (Kirby Player, 656-3013)

Sept. 28-30

— Film: "Dirty Rotten Scoundrels." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Sept. 29

— Volleyball: East Tennessee State. 7 p.m., Jervey Gym. (656-2101)

Sept. 29-30

— Clemson Players production: "A History of the American Film." A satire on American films from the 1930s to the '70s. 8 p.m., Daniel Auditorium. Free for students, \$2 faculty/staff, \$4 general admission. (Performing Arts, 656-3043)

Saturday, Sept. 30

— Volleyball: N.C. State. 1:30 p.m., Jervey Gym. (656-2101)

— Deadline for Housing Institute proposals. (Richard Spray, 656-4072)

Sunday, Oct. 1

— Film: "Singin' in the Rain." 2 p.m., Y-Theater. \$1. (Union, 656-2461)

— Film: "Logan's Run." 7 p.m. and 9:15 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Oct. 2-3

— Faculty workshop: "Writing Across the Curriculum at Clemson University." Camp Hope. (English, Art Young, 656-3062)

Tuesday, Oct. 3

— Soccer: Presbyterian. 7 p.m., Riggs Field. (656-2101)

— Southern Circuit Film Series: "A Man's Woman" by Laura Kipnis. Humorous film deals with the death of a famous anti-feminist and reactions to it. 8 p.m., 415 Daniel Hall. Free. (Liberal Arts, Carol Ward, 656-5415)

Oct. 3-7

— Clemson Players production: "A History of the American Film." (see Sept. 29-30 entry)

Wednesday, Oct. 4

— Clemson Chapter of Phi Kappa Phi fall business meeting. 3:30 p.m., 3rd level classroom, Cooper Library. (Carolyn Pace, 656-3236)

— Short course: Hammock Making. \$35. (Union, 656-2461)

— Short course: Beginning Photography. \$5. (Union, 656-2461)

— Film: "Brazil." 7 p.m. and 9:30 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Thursday, Oct. 5

— Concert: Comedian Cary Long (winner of "The Great Southeastern Laugh-Off"). 8 p.m., new Edgar's. \$2. (Union, 656-2461)

— Clemson Players matinee: "A History of the American Film." 3:30 p.m. (see Sept. 29-30 entry)

Oct. 5-7

— Film: "The Accidental Tourist." 7 p.m. and 9:30 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Oct. 6-8

— Parents Weekend. (Alumni, 656-2345)

NCAA rep visits campus

A representative from the National Collegiate Athletic Association has visited campus as part of an earlier announced preliminary inquiry into the University's athletic policies and practices, says Athletic Director Bobby Robinson.

Robinson says details on the nature of the visit will not be made public until the inquiry is completed and the NCAA makes its report to the University.

"It's not my intention to make a statement about every development along the way, but I did feel it was appropriate to let the public know that the inquiry is progressing," he says.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is FRIDAY, **Sept. 29**, for Oct. 11 Issue.



Clemson

WEEKLY

Vol. 29, No. 12

Wednesday, Oct. 4, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Staff Commission news:

1988-89 highlights include speakers, new scholarship, new membership

A look back at last year's accomplishments of the Commission on Classified Staff Affairs reveals a number of highlights, says Chairman Judi Nicks.

Scholarship program

The Commission launched a scholarship program last April to provide educational assistance to children of classified employees.

Though the drive already has raised \$3,000, it needs greater staff participation, says Nicks.

"We are very proud of this scholarship program. In addition

to helping fellow employees, it is an excellent way to support Clemson University through the Loyalty Fund," she says.

(Contributions can be made through payroll deduction. For information on giving, call the Loyalty Fund office at 656-5896.)

Employee compensation

Last year, the Commission created an employee compensation package that was presented to the State Legislature.

"While we didn't get everything we had hoped for, we still had a say in the matter and made ourselves heard," says Nicks.

New format

This year, the Commission practically doubled its membership from 13 to 24 (one representative for every 100 employees per vice presidential area).

In addition, Commission representatives now are elected by popular vote rather than appointment by vice presidents.

Employee communication

The Commission sponsored talks by key speakers such as: employee-management relations expert *Bill Morgenroth*; S.C. State Employees Association Executive Director *Larry Ellis*; S.C. Division of Human Resources Management Executive Director *Phyllis Mayes*; House Ways and Means Committee Chairman *Bob McLellan*, and Lt. Gov. *Nick Theodore*.

Commission to host compensation forum

The next meeting of the Commission on Classified Staff Affairs will be Tuesday, Oct. 10, at 10 a.m. in 113 Lehotsky Hall.

Wellness Director Ron Alexander will be the featured speaker.

...

Then, on Tuesday, Oct. 17, the Commission will sponsor a special forum on employee compensation at 10 a.m. in Daniel Auditorium.

Phyllis Mayes and Tom Lucht from the S.C. Human Resources Division will speak on state compensation and benefits for employees and will be available for questions afterward.

For details, call Chairman Judi Nicks at 656-2598.

Clemson aids Hugo victims

The University is coordinating relief efforts to aid the victims of Hurricane Hugo.

To help, contact one of the following collection points:

- Facilities Maintenance and Operations (Mike Faires, 656-4935)
- Fire Department (Jack Abraham, 656-2322)
- Clemson Chapter of the American Society of Civil Engineers (Serji Amirkhanian, 656-3000).

"We received a lot of positive response to these meetings and will schedule more," Nicks says.

"These meetings provided Clemson employees with a format for addressing key state leaders and letting them know what employees were feeling."

Child care

Last year, the Commission declined to endorse a proposal from the University Child Care Committee because "we felt it did not meet the needs of University employees," Nicks says.

"Child care remains a very important issue for us, and it is an area we will continue to explore in hopes of finding a workable, equitable solution for everyone."

Order graduation garb now

For those planning to participate in December graduation: the deadline for ordering academic apparel is Friday, Oct. 20.

For details, call Robert Roland at 656-2029.

1989-90 Commission on Classified Staff Affairs

Meeting calendar

— 1989 —

Nov. 14 Dec. 12

— 1990 —

Jan. 9 April 10

Feb. 13 May 8

March 13 June 12

The Commission on Classified Staff Affairs meets on the second Tuesday of every month at 10 a.m.

At present, meetings are held in 113 Lehotsky Hall.



Judi Nicks
(Chairman)
Acad Affairs
656-2598



Ruth Taylor
(Vice
Chairman)
Acad Affairs
656-5174



Paula B. Henderson
(Parliamentarian)
Ag/Nat Res
656-2565



Dixie Schmittou
Acad Affairs
656-5339

Get answers from the Commission

If you are a classified staff employee and have a work-related question you'd like answered, write the Staff Commission at Box 10049.

- First, you'll get an acknowledgement that your letter has been received and what action will be taken; and

- Second, you'll get a follow-

up letter with an answer once your question is researched.

"We're committed to answering staff questions as quickly as possible," says Commission Chairman Judi Nicks.

"If a problem arises or if you feel you haven't received an adequate response, call us at 656-2598 and let us know."

About the Staff Commission...

Created in 1984, the Commission on Classified Staff Affairs represents all classified staff employees and reports directly to the president.

The Commission's charge is to study University-wide issues of concern to all classified staff and to formulate and recommend

appropriate University-wide policies and procedures.

The Commission has 24 elected members representing all 7 vice presidential areas, plus two non-voting, ex-officio members.

Commission members serve three-year, staggered terms and are elected by popular vote.



Pat Padgett
Acad Affairs
656-3073



Bruce Herczough
Acad Affairs
656-5571



John W. McKenzie
Administration
656-2222



Herb Stevens
Ag/Nat Res
656-4842



M. Ann Duncan
Ag/Nat Res
656-5809



Mike McLeod
Ag/Nat Res
656-4066



Ray Thompson
(ex-officio)
656-3360



Ron Herrin
(ex-officio)
656-2000



Bonnie Stevens
Stu Affairs
656-2155



Linda Cartee
Stu Affairs
656-2101



Verna Howell
Stu Affairs
656-2295



Pete Pepinsky
Inst Adv
656-3874

Standing committees

Communications Committee

M. Ann Duncan (chair)
James Blanding
Mary Harvey
Paula B. Henderson
Diane Lollis
John W. McKenzie
Jana Mize
W. Ray Smith

Policy Committee

Verna Howell (chair)
Charlie Butts
Linda Cartee
Bruce Herczough
Martha Pace
Mildred King
Herb Stevens

Welfare Committee

Pete Pepinsky (chair)
Mary Jo McAnally
Mike McLeod
Debra Padgett
Pat Padgett
Dixie Schmittou
Bonnie Stevens

Executive Committee

Judi Nicks (chair)
Ruth Taylor
John Clemens (past chair)
M. Ann Duncan
Verna Howell
Pete Pepinsky
Ron Herrin
Ray Thompson



Martha Pace
Bus/Fin
656-3357



Jana Mize
Bus/Fin
656-5604



W. Ray Smith
Bus/Fin
656-4933



Mildred King
Bus/Fin
656-2031



Debra Padgett
Ag/Nat Res
256-1678



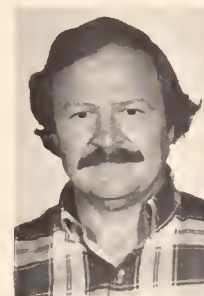
Mary Jo McAnally
Ag/Nat Res
656-3388



Mary Harvey
Ag/Nat Res
656-3298



Diane Lollis
Ag/Nat Res
226-1581



Charlie Butts
Bus/Fin
656-2186



James Blanding
Bus/Fin
656-2186

Oct. 14 Homecoming features music and more...

Following a week's worth of activity, next weekend's 75th Homecoming festivities will cater to a variety of musical tastes.

If you like marches, check out Tigerama and the football game. If you prefer jazz and the big band sound, wander down to the Outdoor Theater after the game. And if you love classic rock and beach music, stick around for the Union's Homecoming concert Saturday night.

Throughout the week, students will be building the tradi-

tional Homecoming displays on Bowman Field.

On Tuesday, Oct. 10, the Miss Homecoming pageant will be held at 7 p.m. in Tillman Auditorium. The pageant is free and open to the public.

On Friday, Oct. 13, Homecoming weekend officially kicks off with a 7 p.m. pep rally featuring Tiger Band.

Then at 7:30 p.m., look for the 33rd annual Tigerama in Death Valley. This year's theme is "Cloak and Dagger Clemson."

Tigerama also will feature the

crowning of Miss Homecoming 1989 and a performance by the Pershing Rifles. A fireworks finale will follow. Admission is \$1.50 in advance or \$2 at the gate. Tigerama is sponsored by Blue Key and WSBF.

On Saturday, Oct. 14, the Clemson Tigers will play the Ramblin' Wreck from Georgia Tech at 1 p.m. in Death Valley.

Halftime activities will include the presentation of Miss Homecoming and her court and a performance by Tiger Band and Tiger Band alumni.

At 4 p.m., the U.S. Army's Jazz Ambassadors will perform musical selections from the 1940s to the 1980s in the Outdoor Theater. Their performance is free and open to the public and is sponsored by Army ROTC.

At 7 p.m., an "Evening of Elegance" fashion show will be held in Tillman Auditorium. Admission is free. The show is sponsored by the Clemson Black Alumni Council and Lambda Theta Chapter of Alpha Kappa Alpha sorority.

At 8 p.m., Chicago and the Beach Boys will perform at Tiger Field (the baseball stadium). Seating is general admission, and tickets are available for \$22.50 each at the University Union Box Office and at various locations in Clemson, Seneca, Belton, Anderson, Greenville and Spartanburg. The concert is sponsored by the University Union.

Dates to remember:

Thursday, Oct. 5

Lecture: **Author Josephine Humphreys.** 3:30 p.m., Tillman Auditorium. (Donna Winchell, 656-5390)

Wellness Run. 11:45 a.m., College of Nursing. (Ron Alexander, 656-5479)

Lecture: **"Home Safety: Steps We Can Take to Discourage Burglars."** 5:30 p.m., Edgar's Courtyard. (Sandra Davis, 656-2330)

Friday, Oct. 6

Reservations deadline for Oct. 14 Clemson Black Alumni Council reunion picnic. (Gloria Smith, 656-2345)

Lecture: **Author Josephine Humphreys.** 10:15 a.m. and 11:15 a.m., Tillman Auditorium. (Donna Winchell, 656-5390)

Monday, Oct. 9

Reservations deadline for Oct. 16 boss's luncheon. \$10. (Janice Rogers, 656-3996)

Tuesday, Oct. 10

Staff Commission meets. 10 a.m., 113 Lehotsky Hall. (Judi Nicks, 656-2598)

Faculty Senate meets. 3:30 p.m., Senate Chambers. (Gordon Halfacre, 656-4957)

Wednesday, Oct. 11

Teleconference: **"Faculty Rights, Tenure, and Governance: Negotiation v. Litigation."** 1 p.m., 102 Daniel Hall. (Holley Ulbrich, 656-3968)

Lecture: **"The South Carolina-Georgia Boundary."** 3:30 p.m., 200 Hardin Hall. (Lawrence Estaville, 656-5359)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, OCT. 6, for Oct. 18 issue.**

Sign up now for benefits fair

If your department provides services beneficial to employees, perhaps you'd be interested in setting up a display at the upcoming Employee Benefits Fair in late October.

For more information, call Ron Herrin at 656-2000 or Dick Simmons at 656-3358.

Clemson

WEEKLY

Vol. 29, No. 13

Wednesday, Oct. 11, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Staff Commission news:

New insurance begins Jan. 1; now is the time to enroll

Starting Jan. 1, Clemson employees should forget everything they knew about last year's state health insurance program.

"The concept of coverage has changed completely, and our new coverage does not even remotely resemble what we had," the director of payroll and employee benefits told the Staff Commission at its September meeting.

To make sure all University employees understand the new state health insurance program, the payroll/benefits office is hosting some 113 orientation and re-enrollment sessions this month, said Ron Herrin.

During their department's scheduled session, employees will select the health insurance coverage they want and complete a new enrollment form. Coverage begins Jan. 1.

(Those who do not fill out enrollment forms will be dropped from coverage during 1990. The deadline to enroll is Tuesday, Oct. 20.)

Some major health plan differences employees will notice this year are:

- Employee medical expenses are now insured up to \$1 million.
- The definition of eligible dependents has changed. They are now defined as those children through age 18 and those through age 22 if they are full-time students.
- This month is the last period for "open enrollment." The only

Friday, Oct. 20, is the deadline to enroll in the new health insurance program.

For details, call the payroll/benefits office at 656-2000.

changes in coverage accepted after this month (until the next open enrollment period in 1991) will be because of changes in an employee's family status. Those changes must be made within 31 days of the occurrence.

- Medi-Cal will become necessary for full benefits starting Jan. 1.
- The state's prescription drug card will be discontinued Jan. 1. Prescription drugs still will be covered as medical expenses (after deductibles).
- New employees must enroll within 31 days of employment; otherwise, they will have to present "evidence of good health" to join the health program.
- Open enrollment for dental coverage is this month. The next dental open enrollment will not occur until October of 1991.

Herrin said the health insurance changes were made to save state employees money, since the state is self-insured and employee premiums only pay the cost of claims.

"We are, in effect, the carriers of our own insurance," he said. "If we can manage to save \$2 million to \$3 million, then that's \$2 million to \$3 million more that we can save on premiums."

Medi-Cal to assist insurance needs

To get the most out of your health insurance this year, you'll need to consult your doctor and use your telephone.

Starting Jan. 1, Medi-Cal, a new health insurance utilization review program, will help you receive full health insurance benefits.

While it is not mandatory, Medi-Cal can prevent you from having to pay a \$200 in-patient hospital deductible and can keep your \$1,500 out-of-pocket maximum intact.

In essence, says Payroll/Benefits Director Ron Herrin, whenever you plan to use your insurance, it probably will pay you to check with Medi-Cal to make sure everything is covered.

"Medi-Cal is essentially a patient advocate," says Herrin. "It's not there to 'practice medicine,' as some people have suggested; rather, it's there to help ensure that you're getting the most appropriate care."

Medi-Cal, he says, exists to help the health insurance system weed out unnecessary expenses, which ultimately drive up the cost of premiums.

"It was instituted as a cost-containment measure, a concept that is really quite common in the private sector," he says.

A new Medi-Cal brochure explaining the program in greater detail will be available to all employees before the end of this year, Herrin says.

If you have any difficulties using Medi-Cal, call the payroll/benefits office at 656-2000.

Plan A — individual coverage

— STEP 1 —

Satisfy your

**\$300
DEDUCTIBLE**

At this step, you must pay the first \$300 of your health expenses for that calendar year. *(Those expenses must be approved under the health plan.)*

Once you have paid this amount, you will not have to pay it again for the rest of that year.

— STEP 2 —

Satisfy your

**20 percent
CO-PAYMENT**

At this step, you will pay only 20 percent of your approved health expenses for that calendar year.

Once you have paid a total of \$1,500 (in addition to your deductible), you will not have to pay again for the rest of that year.

— STEP 3 —

YOU ARE COVERED

At this point, you have paid a total of \$1,800 toward your total medical expenses, and now your insurance will pay 100 percent of your approved health expenses for the rest of that calendar year.

Plan A — family coverage

— STEP 1 —

Satisfy your

**\$600
DEDUCTIBLE**

At this step, you must pay the first \$600 of your health expenses for that calendar year. *(Those expenses must be approved under the health plan.)*

Once you have paid this amount, you will not have to pay it again for the rest of that year.

— STEP 2 —

Satisfy your

**20 percent
CO-PAYMENT**

At this step, you will pay only 20 percent of your approved health expenses for that calendar year.

Once you have paid a total of \$3,000 (in addition to your deductible), you will not have to pay again for the rest of that year.

— STEP 3 —

YOU ARE COVERED

At this point, you have paid a total of \$3,400 toward your total medical expenses, and now your insurance will pay 100 percent of your approved health expenses for the rest of that calendar year.

Plan B — individual coverage**— STEP 1 —****Satisfy your****\$200
DEDUCTIBLE**

At this step, you must pay the first \$200 of your health expenses for that calendar year. *(Those expenses must be approved under the health plan.)*

Once you have paid this amount, you will not have to pay it again for the rest of that year.

— STEP 2 —**Satisfy your****15 percent
CO-PAYMENT**

At this step, you will pay only 15 percent of your approved health expenses for that calendar year.

Once you have paid a total of \$1,500 (in addition to your deductible), you will not have to pay again for the rest of that year.

— STEP 3 —**YOU ARE COVERED**

At this point, you have paid a total of \$1,700 toward your total medical expenses, and now your insurance will pay 100 percent of your approved health expenses for the rest of that calendar year.

Plan B — family coverage**— STEP 1 —****Satisfy your****\$400
DEDUCTIBLE**

At this step, you must pay the first \$400 of your health expenses for that calendar year. *(Those expenses must be approved under the health plan.)*

Once you have paid this amount, you will not have to pay it again for the rest of that year.

— STEP 2 —**Satisfy your****15 percent
CO-PAYMENT**

At this step, you will pay only 15 percent of your approved health expenses for that calendar year.

Once you have paid a total of \$3,000 (in addition to your deductible), you will not have to pay again for the rest of that year.

— STEP 3 —**YOU ARE COVERED**

At this point, you have paid a total of \$3,600 toward your total medical expenses, and now your insurance will pay 100 percent of your approved health expenses for the rest of that calendar year.

Dates to remember:*Thursday, Oct. 12*

Black Faculty/Staff Association meeting. 4:45 p.m., F-149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Speaker: Don Reed (comedian from NBC TV's "A Different World"). 8 p.m., new Edgar's. \$2. (Union, 656-2461)

Film: "Wings of Desire." (German with English subtitles). 8 p.m., Daniel Auditorium. \$1. (Languages, 656-3393)

Oct. 12-14

Film: "The 'Burbs." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Oct. 13

Tigerama: "Cloak and Dagger." 7 p.m. pep rally, 7:30 p.m. show, Death Valley. \$1.50 in advance, \$2 at the gate. (WSBF, Blue Key, 656-2279)

Lecture: "Terrorism: The Rule of Law and the Politics of the Rule of Law" by Victoria Toensing (chief counsel, U.S. Senate Select Committee on Intelligence) and Joseph E. diGenova (former U.S. attorney for the District of Columbia). 3:30 p.m., Strom Thurmond Institute Auditorium. Free. (Thurmond Institute, 656-4700)

Seminar: "Fired Heater Design" by Dennis Juedes (Exxon Research). 2:30 p.m., 100 Lowry Hall. (S.C. Energy

Research Development Center/
Mechanical Engineering, 656-3470)

Saturday, Oct. 14

Alumni Center open before and after Georgia Tech game.

Football: Georgia Tech. 1 p.m., Death Valley. (656-2101)

Volleyball: UNC-Charlotte. 10 a.m., Jervey Gym. (656-2101)

Men's Cross Country. 10 a.m., site near Botanical Garden. (656-2101)

Homecoming gatherings (Alumni, 656-2345):

- College of Nursing alumni
- College of Architecture alumni
- Tiger Band alumni
- Clemson Black Alumni Council
- Class of 1984

Thurmond Institute Open House. 9 a.m.-11:30 a.m. (Peggy Jenkins, 656-4700)

Homecoming concert: Beach Boys and Chicago. 8 p.m., Baseball Stadium. \$22.50. (Union Box Office, 656-2461)

Fashion show: "An Evening of Elegance." 7 p.m., Tillman Auditorium. Free. (Clemson Black Alumni Council/Alpha Kappa Alpha sorority, Gloria Smith, 656-2345)

Sunday, Oct. 15

Festival: Idlewilde. 1 p.m. to sunset, Botanical Garden. Free. (Ernie Denny, 656-4954)

Film: "Jane Eyre." 2 p.m., Y-Theater. \$1. (Union, 656-2461)

Film: "Star Trek II." 7 p.m. and 9:15 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Soccer: Duke. 2 p.m., Riggs Field. (656-2101)

Trip: Rappelling. (Union, 656-2461)

Oct. 16-22

National Collegiate Alcohol Awareness Week. (Student Development, Bonnie Stevens, 656-2155)

Monday, Oct. 16

Preliminary grades due.

World Food Day international meal and presentation of "Children of the Third World: An International Crisis." Gwen Goad (S.C. UNICEF representative). 6 p.m., Clemson United Methodist Church. (Susan Turner-Lewis, 656-4193)

Professional Secretaries International Boss' Luncheon. Pam Lovell (marketing research analyst, Ford Motor Co.). Noon, Clemson Ramada Inn. (Janice Rogers, 656-3996)

Tuesday, Oct. 17

Staff Commission forum: Employee Compensation. 10 a.m., Daniel Auditorium. (Judi Nicks, 656-2598)

Wednesday, Oct. 18

Lecture: "John C. Calhoun as a Political Economist" by Peter Aranson (Emory University professor). 8 p.m., Thurmond Institute Auditorium. (Commerce and Industry, Bruce Yandle, 656-3970)

Panel discussion: "The Role of Classified Personnel at Clemson University." 4 p.m., 364 Sirrine Hall. (American Association of University Professors, Holley Ulbrich, 656-3968)

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NEWS SERVICES

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Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, OCT. 13, for Oct. 25 issue.**



Clemson

WEEKLY

Vol. 29, No. 14

Wednesday, Oct. 18, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Get a look at your benefits next week

An employee benefits fair will be held Oct. 24-25 in the Tiger Den of the football stadium.

Sponsored by the payroll/benefits office and personnel services, the fair will give employees the chance to see what benefits and services are available through the University.

"We're doing this in an effort to help employees maximize their benefits," says Dick Simmons, assistant personnel director.

The fair also will give employees a chance to ask questions of representatives from more than 20 groups.

Hours are 10 a.m.-6 p.m. Tuesday (Oct. 24) and 8 a.m.-3 p.m. Wednesday (Oct. 25).

Free brochures and information will be available, and employees will even be able to register for a free TV from the S.C. State Employees Credit Union.

Among the groups represented will be:

- Payroll/benefits office
 - dental insurance
 - health insurance
 - life insurance
 - MoneyPlus program (cafeteria plan)

- tax shelters and annuities

- Personnel services
 - education and tuition assistance
 - Employee discounts
 - Sick leave/annual leave pool
 - Optional retirement programs
 - Pre-retirement education
 - Staff training/professional development programs
 - Minority intern program

- University Union
- Wellness program
- Fike Recreation Center
- Visitors Center
- Cooper Library
- Bookstore
- Computer Center
- Staff Commission
- Faculty Senate
- Extension Senate
- S.C. State Employees Association
- S.C. State Employees Credit Union
- Professional Secretaries International
- ARA/Edgar's Courtyard.

For details, call the payroll/benefits office at 656-2000 or personnel services at 656-2426.

Register next week for 'slim-down' challenge

The Wellness Program dares any member of the faculty, staff or student body whose weight is above the standard for his or her height to take the "Slim-Down Challenge" Nov. 1-Dec. 8.

Five-member teams may register Oct. 23-24 at the Nursing Center in the College of Nursing Building.

Teams will be weighed weekly and awarded points for progress.

Weekly seminars on weight loss will be held, and bonus points will be awarded to those who participate in exercise activities.

At the end of the six weeks, prizes will be awarded to the most successful teams. The registration fee is \$5 per team.

For more information, call Wellness Director Ron Alexander at 656-5479.

Littlejohn should be ready by December

Repair work on the Littlejohn Coliseum roof is to begin immediately and should be completed by early December.

"We have agreed on the safest repair method and will get started right away," says Jack Wilson, associate vice president for facilities planning and management.

"We cannot estimate the cost right now, but the work should be completed by Dec. 1."

Wilson says an investigation showed cracks at two of the 16 weld joints in the steel beam structure.

A reshaping process will reduce the peak stress load on all the weld points and will evenly distribute the weight, making the structure more stable than when it was originally built.

Material removed from the beams will be analyzed to determine what caused the cracks.

"Fortunately, we will not have to tear up the floor or shore up the structure to repair it," says Wilson.

Wilson says the facility will be inspected again prior to reopening it and that periodic inspections will continue.

The 1989-90 United Way campaign is under way.

This year's goal is \$60,000.

For details, call Jim Daniels at 656-3300.

Dates to remember:*Thursday, Oct. 19*

Second Annual Moonshine Run. 5K and 1 mile. 7:30 p.m. (Alcohol Awareness, Stephanie Grogan, 656-2155)

Volleyball: South Carolina. 7 p.m., Jervey Gym. (656-2101)

Lecture: "Sorption, Swelling, and Diffusion in Glassy Polymer - SCF Systems" by Michael Paulitis (University of Delaware). 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

Lecture: "Furniture That Talks: Images of Radio's Audiences, 1920-1950" by English Professor Ray Barfield. 3:30 p.m., 313 Daniel Hall. Free. (Liberal Arts, 656-3151)

Oct. 19-21

Film: "Pet Sematary." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Oct. 20

Deadline for ordering academic apparel for December graduation. (Robert Rowland, 656-2029)

Saturday, Oct. 21

Alumni Center open before and after N.C. State game.

Football: N.C. State. 4 p.m., Death Valley. (656-2101)

Volleyball: Appalachian State.

10 a.m., Jervey Gym. (656-2101)

Sunday, Oct. 22

Trip: Whitewater Rafting. \$35. (Union, 656-2461)

Film: "Ghostbusters." 7 p.m. and 9:15 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Volleyball: Virginia. 2 p.m., Jervey Gym. (656-2101)

Oct. 22-23

Performing Artist Series: George Winston (new age/jazz pianist). 7:30 p.m., Tillman Auditorium. \$11 students, \$14 public. (Union/Alumni, 656-2461)

Monday, Oct. 23

Deadline to register for Wellness Slim-Down Challenge. \$5 per team. (Ron Alexander, 656-5479)

Lecture: "Jean Genet: Psycho III" by Languages Professor Harry Stewart. 3:30 p.m., 206 Strode Tower. Free. (Liberal Arts, 656-3393)

Lecture: Joyce Barrett (author of "Willie is not the Hugging Kind"). 3:45 p.m., Lee Auditorium. (Malcolm Usrey, 656-5414)

Lecture: "Yardbird Suite: Charlie Yardbird Parker (1920-1955) and the Convergence of Kansas City and New York City Nightclubs in the Birth of

Bebop" by Harry Reed (Michigan State University). 7:30 p.m., Hardin Hall. Free. (History, 656-3153)

Tuesday, Oct. 24

Utsey Chamber Series: Music By Three (piano, clarinet, violin). 8 p.m., Daniel Auditorium. Free. (Performing Arts, 656-3043)

•• Southern Circuit Film Series presentation CANCELLED. ••

Volleyball: Georgia. 7 p.m., Jervey Gym. (656-2101)

Film: "Zwischengleis." German with English subtitles. 7:30 p.m., 313 Daniel Hall. Free. (German Club/Languages, 656-3393)

Oct. 24-25

Employee Benefits Fair. Tiger Den, Death Valley. 10 a.m.-6 p.m. (Oct. 24). 8 a.m.-3 p.m. (Oct. 25). Free. (Ron Herrin, 656-2000, Dick Simmons, 656-3358)

Wednesday, Oct. 25

Lecture: "Introduction to NSF Programs" by Lola Rogers (Research Initiation and Improvement Division of the National Science Foundation). 10:15 a.m., Rhodes Auditorium (Room 302). (Office of University Research, 656-2375)

Soccer: Erskine. 7 p.m., Riggs Field. (656-2101)

Symposium: "Public Knowledge" by Larry Abernathy (treatment director, Anderson/Oconee Alcohol and Drug Abuse Commission). Covers the growing drug problem and how to curtail it. 7 p.m., Thurmond Institute Auditorium. (Ernie Denny, 656-0203)

Thursday, Oct. 26

World Hunger Awareness lecture: "The Link Between Hunger and Rain Forest Depletion" by Jay Hair (president of the National Wildlife Federation). 7:30 p.m., Daniel Auditorium. Free. (Susan Turner-Lewis, 656-4193)

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Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is **FRIDAY, OCT. 27**, for Nov. 10 issue.



Clemson

WEEKLY

Vol. 29, No. 15

Friday, Oct. 27, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Battelle, Clemson join forces for research

Clemson is teaming up with the world's largest independent research organization to conduct collaborative research in areas ranging from automated manufacturing to advanced materials.

Clemson and Battelle, a Columbus, Ohio, company, will take a two-pronged approach to research.

First, Battelle is providing a director for Clemson's Emerging Technology Center. Bill Chard, manager of industrial accounts at Battelle, joins the University as the center's first director.

Chard will work with Clemson to help S.C. entrepreneurs turn their ideas into consumer products and services.

Second, Battelle will work with Clemson to secure large research contracts, particularly from federal agencies.

Battelle's collaborative research endeavors with Clemson could include advanced manufacturing projects; work in electronics, environmental engineering and advanced materials; and new product process development.

Battelle helped commercialize xerography, the technology of copying machines.

In addition, Battelle brought consumers the machine-readable codes on packages and created the "sandwich" coin — the copper and nickel alloy making up much of our pocket change.

First Union establishes banking professorship

First Union National Bank of South Carolina has committed \$100,000 to create the University's first professorship in banking.

The First Union Professorship of Banking will be an annually funded post and the first named professorship in the finance department of the College of Com-

merce and Industry.

First Union will give \$20,000 a year for the next five years to support the position.

A national search for a teacher-researcher to fill the position is already under way and should be completed during the spring.

You're invited to a birthday party Nov. 11

Anderson and Greenville number among more than 20 sites around world for a Saturday, Nov. 11, gala saluting Clemson's first century.

Being billed as the "birthday

party of the century" for University alumni and friends, the event is to be held at other state locations and will include "a momentous announcement" about the beginning of the University's next 100 years, says President Max Lennon.

Tickets are \$15 for Anderson and \$25 for Greenville. For details, call Jere Ross in Clemson at 654-3218; John Moore in Anderson at 226-2641; Mark Abell in Greenville at 223-8946; or the Alumni Association at 656-2345.

Look for Personnel seminars next month

Personnel Services is sponsoring a series of professional development and training seminars for University employees.

Many seminars are free. Employees should register five working days in advance. To do so, call 656-2426.

Seminars scheduled for early November are:

Nov. 2 — Managing EPMS (explains the Employee Performance Management System and the progressive discipline program. Free.)

Nov. 3 — Office Procedures (how to increase efficiency and productivity through communication and prioritizing. \$30.)

Nov. 7-8 — Business Writing (introduction to the basics of proper business communication. \$30.)

Nov. 9-10 — Pre-retirement (how to plan for retirement. Free.)

Nov. 10 — Improving Communication Skills (how supervisors can communicate more effectively with their employees. \$30.)

Clearing the record...

In the Oct. 11 *Clemson Weekly* chart explaining the state's new insurance program, the total figures for family coverage were switched.

Under *Plan A — family coverage*, by the time you reach Step 3, you will have paid **\$3,600**.

Under *Plan B — family coverage*, by the time you reach Step 3, you will have paid **\$3,400**.

Fall Break is Oct. 30-31.

...

Look for a special University announcement in the next *Clemson Weekly* on Friday, Nov. 10.

Departmental Notes

Agricultural Economics and Rural Sociology

Alma Evans (former Grad Stu), C. Stassen Thompson (Prof) and S. Sureshwaran (Lect) presented "Contributory Value of Riparian Rights to Real Property" at the American Agricultural Economics Association meetings in Baton Rouge, La., July 30-Aug. 2.

R. Lynn Harwell (Prof) presented "Sustaining Multiple Use on Marginal Lands: Agro-Forestry in the Southeast" at the first conference on Agro-Forestry in North America at Guelph, Ontario, Aug. 13-16.

M.S. Henry (Prof), C.P. Rosson (Assoc Prof) and Antonio Lamberte (Econ Coastal Fisheries Coun) presented "The Economic Impact of Tobacco Product Exports: Is Value Added Better?" at the annual meeting of the American Agricultural Economics Association in Baton Rouge, La., Aug. 1-3.

Henry was elected president of the Southern Regional Science Association in Chapel Hill, N.C., April 27-29.

J.W. Jordan (Prof) attended the American Bankers Association's Graduate School of Agricultural Banking meeting at Iowa State University in Ames, Iowa, July 23-28.

Agricultural Engineering

R.O. Hegg (Head) presented "Educating Engineers for Food and Agriculture Changes-North America" at the 11th International Congress on Agricultural Engineering in Dublin, Ireland, Sept. 6.

At the ASAE 1989 International Summer Meeting in Quebec, June 25-28:

J.L. Dunlap (Inst Supv) and R.E. Young (Prof) presented "Adaptive CO₂ Control in SPAR Growth Chambers."

Young received one of eight ASAE Presidential Citations.

Young, Hale, N.D. Camper (Prof, Plant Path Phys), R.F. Keese (Ag Sci Assoc, Plant Path Phys) and J.W. Adelberg (Grad Stu, Hort) presented "Alternative, Mechanized Plant Micropropagation Approaches."

Y.J. Han (Asst Prof) presented "Image Analysis to Quantify Soil Pore Geometry."

C.E. Hood (Prof), R.E. Williamson (Prof) and G.J. Wells (Prof, Ag Econ) presented "Field Power-Unit Trends in Production Agriculture" and "Field Equipment Trends in Production Agriculture."

Hood, A. Khalilian (Asst Prof), S.A. Hale (Vstg Instr), T.H. Garner (Prof) and R.B. Dodd (Assoc Prof) presented "Com-

parison of Four Ground-Speed Measurement Techniques."

Hood, Hale, Khalilian, Dodd, Garner and G. Wu (Grad Stu) presented "A Second Generation Tractor-Performance Data Acquisition System."

M.S. Omary (former Grad Stu) and J.T. Ligon (Prof) presented "Distribution in the Soils of NEMACUR Applied Through a Trickle Irrigation System."

C.L. Weller (Asst Prof) and J.M. Bunn (Prof) presented "Drying Rates for Corn Treated with Fatty Acid-Esters."

R.K. White (Prof) and W.C. Stinger (Assoc Prof, Agron) presented "Low-Input Sustainable Agricultural Emphasis in the United States."

White and A.R. Jantrania (Grad Stu) presented "Municipal Sludge Land Application Expert System."

White, A.W. Badr and J.B. Atkins (SC Water Res Comm) presented "Assessment of HEC-5 Applicability in the Savannah River Basin."

F.J. Wolak (Prof) presented "Sprayer Calibration Training Utilizing a Portable Spray Table."

At the annual meeting of the Southeast Region of the American Society of Agricultural Engineers in Nashville, Feb. 5-8:

B.J. Griffin (Prof) presented "Radon: A Public Education Program."

J.T. Ligon (Prof) and C.V. Privette (Prof) presented "Soil Moisture Balances Utilizing Electronic Spreadsheets."

Building Science

Roger W. Liska (Head) was elected president of the American Council for Construction Education at its annual meeting in July.

Liska conducted an ACCE accreditation visiting team member training session at the National Association of Women in Construction convention in Seattle, Wash., Sept. 9.

The Building Science and Management Program was awarded a six-year re-accreditation by ACCE at that meeting.

Chemistry

R.A. Abramovitch (Prof), Y. Li and K.N. Houk (UCLA) published "Relationship of Conformational Effects in Phenylloxonium and Phenylnitrenium Cations to Intramolecular Reactivities: Ab Initio Electronic Structures" in the Journal of Organic Chemistry.

Computer Science

A.J. Turner (Head) was re-elected chairman of the Computer Science Accreditation Commission at its annual meeting in June. Turner was named a director on the Computing Research Board.

Elementary and Secondary Education

Richard Blackburn (Head) was appointed to a national panel of jurists for an award program sponsored by the National Forum of Educational Administration and Supervision.

Blackburn published "Supreme Court Decision Has Implication for Affirmative Action Programs" in the fall issue of the National Forum of Educational Administration and Supervision Journal.

Food Science

J.C. Acton (Prof), C.R. Barmore (Adj Prof), M.J. Rosinski (Grad Stu) and R.L. Dick (Res Spec) published "Film Sealant and Vacuum Effects on Two Measures of Adhesion at the Sealant-Meat Interface in a Cook-in Packaging System for Processed Meat" in the July-August issue of the Journal of Food Science.

Acton was elected president of the American Meat Science Association at the

Honored recently as outstanding University employees were:

Administration:

Lynn McClain
Tommy Tucker

Agriculture and Natural Resources:

John B. Thomas
Martha Ann Duncan
James L. Dunlap
S.W. Kennedy
David S. Scarborough
Ronald E. Baker
Carl W. Myers
Patricia M. Oxley
Cecile I. Dyck
Patsy S. Ellis
Terry S. Jones
Ruth R. Evans
Vickie L. Byko

Student Affairs:

Nancy Knutson
Jeff Martin
Ina Durham
Norma Langley

annual meeting at the University of Guelph, Ontario, in June.

Acton, Dick and J.K. Northcutt (Grad Stu) presented "Oxygen Transmission Rate of Packaging Films and Temperature Effects on Color Properties of Turkey Bologna" at the 50th annual meeting of the Institute of Food Technologists in Chicago June 25-29.

Information Systems Development

Chris Foreman (Mgr/Lect, Comp Sci) was nominated for the "Friend of Home Health" award from the S.C. Department of Health and Environmental Control.

Home Economics

C.T. Mounter (Prof), as state advisor to the S.C. Extension Homemakers Council, attended the annual meeting of the National Extension Homemakers Councils in Manhattan, Kansas, Aug. 7-10.

Mounter, served on the planning committee and chaired two sessions of the "Developing Human Capital Through Extension Leadership Programs."

Mounter, attended the annual meeting of the Professional Marketing and Public Relations Committee in Cincinnati June 25-29.

Industrial Engineering

James A. Chisman (Prof) published "Apple Uses Simulation to Improve PCB/FMS Line Design and Operation" in the July issue of *IE Magazine*.

D.L. Kimbler (Assoc Prof) presented "The Relationships Among Manufacturing Quality, Quality Information and Design" and chaired a session on Information Retrieval at the International Conference on Engineering Design at Harrogate, U.K., Aug. 22-25. Coauthor was **R.P. Davis** (Prof).

Davis presented "Machining Centre Design Through Component Selection and Specification" at the same conference. Coauthor was **Boots R. Moody** (Grad Stu).

Languages

Edwin P. Arnold (Assoc Prof, German) received a grant of \$2,700 from the Federal Ministry of Intra-German Affairs to defray travel expenses for a 10-day trip into the German Democratic Republic this summer.

Helene M. Riley (Prof, German) published "Wilhelmine Canz" in *Literaturlexikon*. Autoren und Werke

deutscher Sprache.

Riley published "Friederike Brun" in *Literaturlexikon*.

Riley reviewed "Hieroglyphenschrift: Untersuchungen zu Eichendorffs Erzählungen" in *Monatshefte*.

Riley published "Louise Brachmann" in *Literaturlexikon*.

Riley reviewed "Adelbert von Chamisso: A Voyage Around the World with the Romanzov Exploring Expedition" in *Colloquia Germanica*.

Ripley published "Carmen Sylva" in *Literaturlexikon*.

Ripley published "Helmina von Chezy" in *Literaturlexikon*.

Management

John Kanet (Prof) presented "The Leitstand: A New Tool in Computer-Aided Manufacturing Scheduling" at the third ORSA/TIMS special interest conference on Flexible Manufacturing Systems: Operations Research Models and Applications at MIT in Cambridge, Md., Aug. 15.

Marketing

Stephen J. Grove (Assoc Prof) presented "Twentieth-Century Cave Art of Capitalistic Seduction: The Functions and Dysfunctions of Advertising" at the annual conference of the American Psychological Association Track 23 (Consumer Psychology) in New Orleans. Coauthor was **Bill Kilbourne** (Sam Houston St Univ).

Grove presented "An Investigation of the Impact and Situational Determinants of Customer Approach Skills in Retailing" at the American Marketing Association's national conference in Chicago. Coauthors were **Jacquetta J. McClung** (Asst Prof) and **Marie Adele Hughes** (Univ of Oklahoma).

W.R. Forrester (Asst Prof) coauthored "An Exploratory Investigation of the Motivation to Search for Information on Complex Services." The paper was presented at the 14th Annual Colloquium of the International Association for Research in Economic Psychology in Kazimierz Dolny, Poland.

Mechanical Engineering

John E. Jackson (Assoc Prof) presented "Development of a Computer-Aided Method to Determine the Optimal Loading Conditions for a Multi-Loaded Component" at the ASME International Computers in Engineering conference and exposition in Anaheim, Calif., Aug. 2.

Coauthors were **C.C. Jara-Almonte** (Asst Prof), **A.S. Lewis** (Grad Stu) and **W.H. Knopf** (Hoechst-Celanese Corp).

James A. Liburdy (Prof) presented "Application of a Surface Renewal Model to the Prediction of Heat Transfer in an Impinging Jet" at the 1989 ASME National Heat Transfer Conference in Philadelphia, Pa. Coauthor was **T.D. Yuan** (former Grad Stu). **Liburdy** also presented "Measurement of the Local Convective Heat Transfer Coefficient on a Heated Disk." Coauthor was **S. Bahl** (former Grad Stu).

Briefly ...

Free checkups

If you completed the wellness challenge this past spring, Laura Davis would like to talk to you.

She's researching the program's effectiveness and needs volunteers.

For your help, you get a free checkup that includes a body fat analysis, cholesterol screening, and checks on pulse, blood pressure, height and weight.

Call Davis at 656-5517.

Flu shots

The Nursing Center in the College of Nursing is offering flu shots to faculty and staff for \$5.

(Note: Pregnant women and persons allergic to eggs, chicken feathers or chicken dander should first consult a physician.)

The center also is offering total cholesterol testing (by fingerstick) for an additional \$5.

Call 656-3076.

No license, no car

The next time you go to check out a motor pool vehicle, bring your driver's license.

Motor pool dispatchers have reported increasing instances of employees attempting to pick up vehicles without those shiny little cards from the state.

Vehicles will be checked out only to drivers with valid licenses.

Dates to remember:*Saturday, Oct. 28*

Alumni Center open before and after Wake Forest game.

Football: Wake Forest. Noon, Death Valley. (656-2101)

Oct. 30-31

FALL BREAK.

Tuesday, Oct. 31

Deadline to register for Pre-retirement seminar to be held Nov. 9-10. (Personnel, Frances Holliday, 656-3367)

Fifth Annual Physics Day. 9:30 a.m., Kinard Lab of Physics. (Physics and Astronomy, Tom Collins, 656-3416)

Wednesday, Nov. 1

Last day to withdraw from class or the University without final grades.

Deadline for 1990 Clemson Medallion nominations. (Alumni, 656-2345)

Deadline to apply for make-up scholarships. Forms can be obtained from G01 Sikes Hall. (Financial Aid, 656-2280)

Film: "The Accused." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Nov. 1-Dec. 8

Slim Down Challenge. 5 people per team, \$5 entry fee per team. (Wellness, Ron Alexander, 656-5479)

Thursday, Nov. 2

Exhibition: Mac Expo '89. 10 a.m.-4 p.m., Tillman Auditorium. Free. Demonstrations from Macintosh, Aldus, Microsoft, Montage, Novell, Radius, MassMicro, SynOptics, Word Perfect, QMS, and Apple Computer. (Micro Center, 656-3714)

Short course: Ladies Accessories. \$20. (Union, 656-2461)

Concert: Science Friction. 9 p.m., New Edgar's. \$2. (Union, 656-2461)

Nov. 2-4

Film: "The Adventures of Baron Munchausen." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Nov. 3

Men's Swimming: Georgia Tech. 5 p.m., Fike. Free. (656-2101)

Concert: B-52s. 8 p.m., Baseball Stadium. \$13.50. (Union, 656-2461)

Nov. 4-5

Men's Swimming: Tiger Invitational. 9 a.m., Fike. (656-2101)

Women's Swimming: Tiger Invitational. 9 a.m., Fike. (656-2101)

Sunday, Nov. 5

Film: "The Three Faces of Eve." 2 p.m., Y-Theater. \$1. (Union, 656-2461)

Film: "The Rescuers." 7 p.m. and 9:15 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Monday, Nov. 6

Short course: First Aid. \$21. (Union, 656-2461)

Nov. 6-10

Preregistration for spring semester.

Tuesday, Nov. 7

Lecture/music: "William Butler Yeats: Words and Music." 3:30 p.m., Daniel Auditorium. (English, 656-3229)

Short course: Beginning Guitar. \$40. (Union, 656-2461)

Volleyball: Furman. 7 p.m., Jervey Gym. (656-2101)

Men's Basketball: Australian National Team. 7 p.m., Seneca High School gym. (656-2101)

Lecture: Giancarlo Esposito (actor from "School Daze" and "Do the Right Thing"). 8 p.m., New Edgar's. Reception at 7 p.m. \$2. (Union, 656-2461)

Wednesday, Nov. 8

Short course: Fine Dining. \$10. (Union, 656-2461)

Thursday, Nov. 9

Black Faculty/Staff Association meeting. 5 p.m., 300 Sikes Hall. (Greg Robinson, 656-5031)

Concert Series: The Chamber Music Society of Lincoln Center. 8 p.m., Tillman Auditorium. Free for students, \$7 adults, \$4 youth. For tickets, call the Union Box Office at 656-2461. (Performing Arts, 656-3043)

Short course: Color for Men. \$10. (Union, 656-2461)

Volleyball: Georgia State. 7 p.m., Jervey Gym. (656-2101)

Nov. 9-10

Pre-Retirement Education Seminar for employees within at least 15 years of retirement. (Personnel, Frances Holliday, 656-3367)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is MONDAY, OCT. 30, for Nov. 15 issue.**

Clemson

WEEKLY

Vol. 29, No. 16

Friday, Nov. 10, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

The Campaign for Clemson

University launches its most ambitious fund-raising effort in history — \$62 million by 1992

University officials will announce tonight that Clemson has embarked on its most ambitious fund-raising project in history and that \$40.5 million — of a targeted \$62 million goal — already has been raised.

The project, called "The Campaign for Clemson: A Partnership for Academic Excellence," is a five-year, \$62-million effort designed to propel the University into the nation's top 25 land-grant universities in size of endowment.

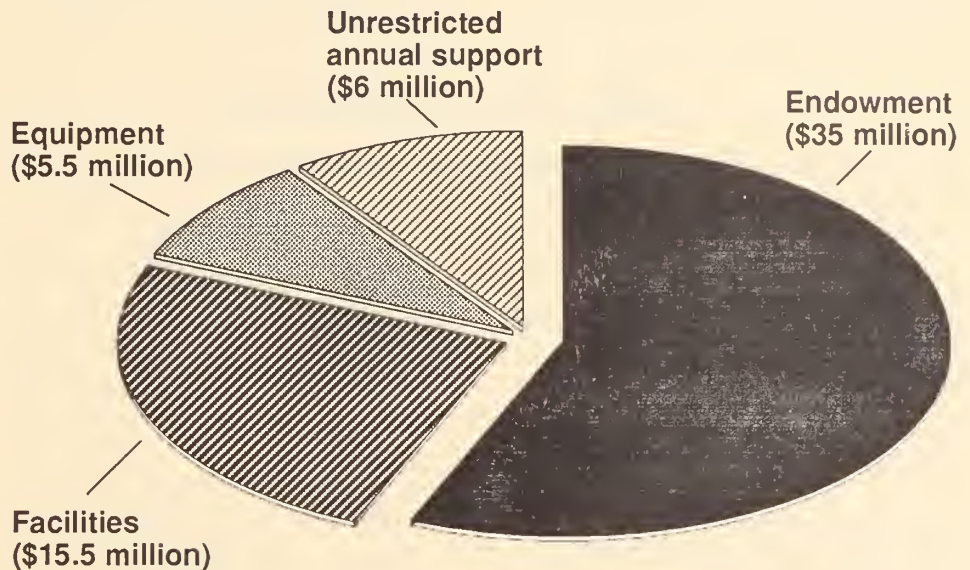
In meeting its goal of providing a solid base of support for academic excellence, the University aims to double its endowment to \$90 million.

Campaign priorities are:

— **\$35 million for faculty enrichment** (chairs and professorships), student enrichment (scholarships and fellowships), general program support and library enhancement.

— **\$21 million for facilities and equipment**, including a new performing arts center, engineering center, student facilities and improvements to the Botanical Garden.

— **\$6 million in unrestricted annual support** through the



"The Campaign for Clemson," the University's largest fund-raising project ever, will seek to raise \$62 million by 1992. In addition to increasing Clemson's endowment (of which a large portion will go to student and faculty enrichment), other Campaign priorities are new facilities, teaching and research equipment and unrestricted annual support.

Clemson Loyalty Fund.

Greenville businessman Currie Spivey chaired the "lead gifts" phase of the Campaign, which began July 1, 1987. To date, it has raised \$40.5 million — 65 percent of its goal — in gifts and

pledges from fewer than 100 major donors.

The drive to complete and even surpass the \$62-million goal will run through June 30, 1992.

By the Campaign's conclusion, all of Clemson's 55,000 alumni will have been contacted to make a donation in addition to their annual Loyalty Fund gifts.

"The Campaign for Clemson is the most significant moment in this institution's history since its founding 100 years ago."

President Max Lennon

"We need everyone who has ever been touched by this University to feel moved — really moved — to do their part in helping it attain true greatness."

Campaign Chairman Philip H. Prince

For details
on priorities of
The Campaign for Clemson,
see the special section
inside.

Support for students, faculty tops Campaign priorities

Direct financial support for students and faculty members accounts for more than 40 percent of The Campaign for Clemson's \$62-million goal.

The Campaign is to raise \$12.2 million for student enrichment, including \$10.2 million to endow undergraduate scholarships and \$2 million for graduate fellowships.

In addition, the Campaign

includes a \$13.3-million endowment goal for faculty chairs and professorships to help the University attract and keep outstanding teachers and researchers.

Other targets within the Campaign's total endowment goal of \$35 million are \$3.7 million for Strom Thurmond Institute programs, \$1.3 million for restoration and upkeep of the historic John C. Calhoun home, \$1.5 million to

endow Alumni Association services, \$1 million for 4-H programs, and \$2 million for library enhancement.

(For details, see chart at bottom.)

New facilities needed to pace campus growth

With almost \$300 million in proposed construction and major renovation projects on the drawing board, the University could undergo more campus growth in the 1990s than in any decade since the 1960s.

"There is a dramatic need for new facilities to take Clemson to that next level of maturity as a university," says Jack Wilson, associate vice president for facilities planning and management.

Overcrowding in many areas, coupled with a booming research program, has created an immediate need, he says.

The needed growth in new facilities is to be financed a number of ways — through state of South Carolina bonds, through revenue bonds, through private partnerships and through outright gifts to The Campaign for Clemson.

The University has built only one state-funded academic building since 1977 — the Hunter Laboratory of Chemistry, dedicated in 1987.

The \$6.5-million Strom Thurmond Institute, the campus' most recent facility, was built with private donations.

Already in progress are projects to provide new student housing, a livestock arena, a 10-year, two-stage effort to replace the aging Johnstone Hall, and a continuing education/conference center on Lake Hartwell.

(For details, see story on p. 3)

— THE CAMPAIGN —

Here is a summary of The Campaign for Clemson goals:

ENDOWMENT — \$35,000,000

| | | |
|---------------------------------|---------------|---------------------|
| • Faculty Enrichment | | \$13,300,000 |
| • Student Enrichment | | \$12,200,000 |
| Undergraduate Scholarships | (\$9,200,000) | |
| Graduate Fellowships | (\$2,000,000) | |
| Honors Program | (\$1,000,000) | |
| • Program and General Endowment | | \$ 7,500,000 |
| Strom Thurmond Institute | (\$3,700,000) | |
| Fort Hill | (\$1,300,000) | |
| Alumni Association | (\$1,500,000) | |
| 4-H Endowment | (\$1,000,000) | |
| • Library Enhancement | | <u>\$ 2,000,000</u> |
| | | <u>\$35,000,000</u> |

NEW FACILITIES — \$15.5 million

(Full Funding) — \$ 6,500,000

| | |
|-----------------------|---------------------|
| • Botanical Garden | \$ 4,000,000 |
| • The Learning Center | <u>\$ 2,500,000</u> |
| | <u>\$ 6,500,000</u> |

(Partial Funding) — \$ 9,000,000

| | |
|---------------------------------|---------------------|
| • Engineering Innovation Center | \$ 3,000,000 |
| • Student Performance Center | \$ 3,000,000 |
| • East Campus Activities Center | <u>\$ 3,000,000</u> |
| | <u>\$ 9,000,000</u> |

EQUIPMENT — \$ 5,500,000

| | |
|------------------------------------|---------------------|
| • High-performance Computing | \$ 2,000,000 |
| • Classroom/Laboratory Enhancement | <u>\$ 3,500,000</u> |
| | <u>\$ 5,500,000</u> |

UNRESTRICTED

| | |
|--------------------------------------|--------------------|
| <u>ANNUAL SUPPORT — \$ 6,000,000</u> | <u>\$6,000,000</u> |
|--------------------------------------|--------------------|

TOTAL — \$62,000,000

Volunteer leaders, major donors respond 'magnificently'

Calling the announcement of The Campaign for Clemson the "most significant moment in this institution's history since its founding 100 years ago," President Max Lennon says private support is the key to achieving true academic excellence at Clemson.

"The need for private support to higher education has never been more urgent," says Lennon.

"Public universities such as

Clemson rely on the state for basic support, but private gifts make the difference between a good university and an excellent one."

In responding to that need, Clemson's volunteer leaders and major donors have been "magnificent," says Campaign Chairman Philip H. Prince of Pawleys Island, retired senior vice president of the American Express Co.

"They have demonstrated

their commitment to academic excellence for Clemson and positioned us to be successful as we expand the range and scope of this effort."

Clemson has only just begun to move toward its full potential, says Prince. "We need everyone who has ever been touched by this University to feel moved — really moved — to do their part in helping it attain true greatness."

Five facilities targeted for Campaign support

New facilities earmarked for full or partial funding through The Campaign for Clemson are:

Engineering Innovation Center
(Total project cost: \$18 million
Campaign goal: \$3 million)

The Engineering Innovation Center is the University's top priority for state-funded facilities. It will be funded by a combination of private gifts through the Campaign and state-approved bonds.

The \$18-million center will have a 200-seat auditorium, space for offices and teaching labs, and specialized research labs in fields like robotics, materials, and power engineering.

Architectural and engineering work already has begun for the 100,000-square-foot building, which will be located within the engineering complex between Earle Hall (chemical engineering) and Lowry Hall (civil engineering).

Student Performance Center
(Total project cost: \$10 million
Campaign goal: \$3 million)

This \$10-million facility will be the focal point for the arts at Clemson, featuring a theater/concert wing and a choral/dance wing joined by rehearsal, instructional and support space.

The University will raise \$3 million in private gifts to match

\$7 million in revenue bonds already committed by Clemson.

Final design work is under way now for the 65,000-square-foot facility, which will be located next to the Strom Thurmond Institute. Construction is scheduled to begin next summer and to be completed by 1992.

The Learning Center
(Total project cost and Campaign goal: \$2.5 million)

The Learning Center, to be located adjacent to Clemson's primary cluster of residence halls on East Campus, will be built entirely with private funds.

The 27,000-square-foot facility will contain study and computer rooms, offices and an auditorium.

Although the new facility will be available to all students, one focus will be to provide academic support to athletes to improve classroom performance and graduation rates.

Construction will begin in early 1990.

Botanical Garden
(Total project cost and Campaign goal: \$4 million)

Clemson's 208-acre Botanical Garden, which draws 80,000 visitors to campus each year, is a prime tourist attraction, as well as a living, interdisciplinary resource

center for students and researchers in horticulture, natural sciences, landscape design, architecture and the arts.

The garden needs better facilities to handle the educational needs of students and visitors and to serve as a staging area for tours.

Plans call for the construction of an Education Center with an adjacent Conservatory that would include a multipurpose exhibit hall, gallery, small theater, library/reading room, laboratories and offices.

Also included are plans to upgrade roadways, footpaths and parking.

East Campus Student Activities Center
(Total project cost: \$10 million
Campaign goal: \$3 million)

As the campus expands eastward, the many students now housed in East Campus dormitories and Calhoun Courts become increasingly distanced from the activities and services of the University Union and Fike Recreation Center.

The East Campus student center will be designed to meet the needs of those students and the growing commuter population with a post office, bookstore, food services, and meeting rooms.

Dates to remember:*Sunday, Nov. 12*

Film: "Blade Runner." 7 p.m. and 9:30 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Centennial concert: "Rotary Pops Concert." 3 p.m., Tillman Auditorium. \$5 for public, \$3 for students. (Calhoun Rotary Club, Bengt R.W. Blendulf, 656-3993)

Monday, Nov. 13

Meeting: **Women in Higher Education Network.** Noon, Clemson Ramada Inn. Marie Harrison will speak on "Color Me Beautiful: Enhancing Natural Beauty by Colors and Makeup." (Elaine Hallums, 656-2428)

Nov. 13-15

Clemson-USC Blood Drive. Palmetto Ballroom. (Alpha Phi Omega, Sinan Bilgin, 653-8501)

Tuesday, Nov. 14

Staff Commission meeting. 10 a.m., 113 Lehotsky Hall. (Judi Nicks, 656-2598)

Faculty Senate meeting. 3:30 p.m., Senate Chambers. (Gordon Halfacre, 656-4957)

Panel discussion: "Minorities and Women." 4 p.m., F-149 Poole Agricultural Center. (American Association of University Professors, Holley Ulbrich, 656-3968)

Performing Artist Series: **Harvi Griffin**

(harpist/singer). 8 p.m., Tillman Auditorium. \$6 students, \$8 public. (University Union/Alumni Association, 656-2461)

Wrestling: Carson Newman. 7 p.m. Jervey. Free. (656-2101)

Nov. 14-18

Clemson Players production: "A Festival of One-Act Plays." 8 p.m., Daniel Auditorium. \$4 general admission, \$2 faculty/staff, free to students. For tickets, call the Union Box Office at 656-2461. (Performing Arts, 656-3043)

Wednesday, Nov. 15

Film: "The Decline and Fall of Western Civilization, Part II." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Lecture: "Black Ghetto Towns in the Plantation South" by Professor Charles Aiken (University of Tennessee). 7 p.m., 200 Hardin Hall. Free, open to public. Reception follows. (History/Liberal Arts, Lawrence Estaville, 656-5359)

Seminar: "Business Procedures." Free. (Personnel Services, 656-2726)

Thursday, Nov. 16

Teleconference: "AIDS in the College Community: From Crisis to Management." 1 p.m.-4:30 p.m., President's Box, Memorial Stadium. Preregistration required. (AIDS Task Force/Redfern Health Center, Mary Knox, 656-2233)

Great American Smokeout.

Trustees Medal finals (oratorical competition). 7 p.m., Tillman Auditorium. Free. (Performing Arts/Calhoun Forensic Society, Peter Loge, 656-5383)

Short course: **Color Me Beautiful.** 7 p.m. - 10 p.m. \$25. (Union, 656-2461)

Men's Basketball: Marathon Oil. 7:30 p.m., Anderson Jr. College. (656-2101)

Lecture: "Thermal Properties of Carbon Fibers" by Charles P. Beetz, (Adv. Technology Materials). 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

Nov. 16-18

Film: "Dangerous Liaisons." 7 p.m. and 9:30 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Give to the United Way

Only a couple of weeks remain to help the University reach its \$60,000 United Way goal.

To date, 65 percent of that total has been raised.

If you haven't received a United Way packet, call Jane Patterson at 656-3013.

Computer service available at Micro Center

The Division of Computing and Information Technology now offers the following:

- maintenance on IBM PC and PS/2, Zenith Data Systems, and Apple Macintosh lines of personal computers;
- warranty service and yearly maintenance contracts for machines no longer covered by manufacturer warranty.

Computer services are available for both departmental and personal machines.

For details and complete yearly contract pricing, call The Micro Center at 656-3714.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, NOV. 17, for Nov. 29 issue.**



Clemson

WEEKLY

Vol. 29, No. 17

Wednesday, Nov. 15, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Parking passes to Nov. 26 Stones show can be purchased in advance

Even if you're not going to the Rolling Stones concert Sunday, Nov. 26, you still better get ready to rock and roll.

Starting at noon Saturday, Nov. 25, campus parking will become severely restricted in preparation for Sunday night's much publicized event.

Those coming to campus for Saturday night's Centennial event in Tillman Auditorium will need to park in the Sikes Hall parking lot.

Campus security will be stepped up, especially in and around the dorms.

In addition, all computing facilities will be closed, as will most academic buildings.

Many parking lots around Memorial Stadium will be closed, as will several nearby roads (including Williamson Road in front of the stadium; A Street beside the stadium and G Street behind the west end zone; and Fort Hill Street leading to Johnstone Hall and the Calhoun Mansion).

And if you're planning to come to campus Sunday for any reason not connected with the concert — you'd better think twice. Most all roads on west campus will be barricaded, and traffic in general is expected to be comparable to football Saturdays.

Parking passes will be available for a fee in a number of lots stretching from the Rugby Field (on U.S. Highway 93) to the Dairy Barns (on Old Stone Church Road).

Advance parking passes — at \$3 per car — will be available Monday, Nov. 20, through Wednesday, Nov. 22, at the University Union. (Hours are 9 a.m.-4:30 p.m.)

Otherwise, parking passes will be available on site the day of the concert for \$5 per car. (Concert tickets will be required to purchase parking passes.)

No parking for the concert will be allowed until Sunday at noon.

For more information, call Parking Services at 656-2270.

Group forms first satellite chapter of S.C. State Employees Association

A satellite chapter of the S.C. State Employees Association has been formed at Clemson.

Officers are:

Dixie Schmittou (president), Richard Simmons (vice president), Terry Skrocki (secretary/treasurer), Clarence Hood (legislative chairperson), Robbie Nicholson (membership chairperson).

"We are the first satellite

chapter in the state," says Schmittou of the 130-member group.

"We feel we can help University employees become more active and better informed by meeting together rather than in three separate county chapters."

Schmittou says all Clemson employees are invited to join the chapter.

For details, call her at 656-5339.

Centennial ends Monday, Nov. 27

Although the official end of the Centennial Celebration is Nov. 27, the festivities begin Saturday, Nov. 25, with a free public program hosted by the Town/Gown Committee at 8 p.m. in Tillman Hall Auditorium.

The evening will begin with a showing of "Tapestry," a multi-image Centennial slide show, followed by theatrical portrayals of Thomas Green Clemson and Grace Ward Calhoun (as played by Craig Riley and Millie Ballinger, respectively). The Daniel High School String Ensemble also will perform. (For details, call Dot Yandle at 654-6630.)

Acceptance Day, Nov. 27, is the 100th anniversary of the day the governor signed the act accepting Thomas Green Clemson's will.

The Clemson community will celebrate the first 100 years and ring in the Second Century with a 6:30 p.m. birthday party in the multi-purpose room at Fike Recreation Center. On tap will be cake, clowns, food, and music by the Orange Jam Band and Maurice Williams and the Zodiacs.

Admission is \$3 per person, and tickets are available at Lynch Drug and from the Clemson Chamber of Commerce. (For details, call Pam Deal at 654-1669.)

Drive defensively

A defensive driving class will be held Thursday, Dec. 7, from 8:30 a.m. to 4:30 p.m. in the police department courtroom.

To sign up, call Freddie Harbin at 656-3365.

Dates to remember:*Thru Nov. 18*

Clemson Players production: "A Festival of One-Act Plays." 8 p.m., Daniel Auditorium. \$4 general admission, \$2 faculty/staff, free to students. For tickets, call the Union Box Office at 656-2461. (Performing Arts, 656-3043)

Thursday, Nov. 16

Demonstration: **Polaroid demonstration van** will showcase new products from that company/representatives will answer questions. Littlejohn Coliseum parking lot. (Communications Center, 656-3206)

Teleconference: "AIDS in the College Community: From Crisis to Management." 1 p.m.-4:30 p.m., President's Box, Memorial Stadium. Preregistration required. (AIDS Task Force/Redfern Health Center, Mary Knox, 656-2233)

Great American Smokeout.

Trustees Medal finals (oratorical competition). 7 p.m., Tillman Auditorium. Free. (Performing Arts/Calhoun Forensic Society, Peter Loge, 656-5383)

Short course: **Color Me Beautiful.** 7 p.m.-10 p.m. \$25. (Union, 656-2461)

Men's Basketball: Marathon Oil. 7:30 p.m., Anderson Jr. College. (656-2101)

Lecture: "Thermal Properties of Carbon Fibers" by Charles P. Beetz,

(Adv. Technology Materials). 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

Nov. 16-18

Film: "Dangerous Liaisons." 7 p.m. and 9:30 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Nov. 17

End of United Way Campaign Drive. (Kirby Player, 656-3013)

Seminar: "Intelligent Design / Rapid Prototyping Research Test Bed" by Professor Larry Dooley. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, 656-3470)

Deadline for submissions for University Research Grants. (Office of University Research, 656-2375)

Saturday, Nov. 18

Women's Swimming: Nebraska. Noon, Fike. Free. (656-2101)

Men's Wrestling: Southeastern Open. All Day, Jervey Gym. (656-2101)

Sunday, Nov. 19

Film: "A Streetcar Named Desire." 2 p.m., Y-Theater. \$1. (Union, 656-2461)

Film: "Body Double." 7 p.m. and 9:15 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Monday, Nov. 20

Lectures: 3:30 p.m., **Lowell C. Spires** (President S.C. Association of Counties);

7:30 p.m., **Marion W. Middleton** (President, Municipal Association of S.C.). Thurmond Institute Auditorium. Free. (James C. Hite, 656-4700)

Nov. 23-24

Thanksgiving holidays.

Saturday, Nov. 25

Centennial Closing Event: "Tapestry" slideshow; chamber music; cameo sketches of Thomas Green Clemson and Grace Ward Calhoun. 8 p.m., Tillman Auditorium. Free. (Dot Yandle, 654-6630)

Sunday, Nov. 26

Concert: **The Rolling Stones and Living Colour.** 7 p.m., Memorial Stadium (Death Valley). \$31.50. (Union, 656-2461)

Monday, Nov. 27

Centennial Birthday Party. Featuring music by the Orange Jam Band and Maurice Williams and the Zodiacs. 6:30 p.m., Fike Multi-purpose Room. \$3 per person. (Pam Deal, 654-1669)

Tuesday, Nov. 28

Utsey Chamber Series: **Maria Piccinini** (flutist). 8 p.m., Daniel Auditorium. Free. (Performing Arts, 656-3043)

Wednesday, Nov. 29

Film: "A Clockwork Orange." 7 p.m. and 9:45 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Women's Basketball: Furman. 7 p.m. Littlejohn Coliseum. (656-2101)

Seminar: "Interpersonal Skills." \$20. (Personnel Services, 656-2726)

Thursday, Nov. 30

Student Variety Series: **Clemson University Chorus.** 8 p.m., Tillman Hall. Free. (Performing Arts, 656-3043)

Concert: **Business and Industry Band.** 9 p.m., New Edgar's. \$2. (Union, 656-2461)

Nov. 30-Dec 2

Film: "Batman." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is MONDAY, NOV. 27, for Dec. 6 issue.**



Clemson

WEEKLY

Vol. 29, No. 18

Wednesday, Nov. 29, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Staff Commission news:

Commission to consider state's 'Blue-Ribbon' compensation package

At its next meeting on Tuesday, Dec. 12, the Commission on Classified Staff Affairs will consider endorsing a proposed state-sponsored compensation package for classified employees.

The package, proposed by the Governor's Blue Ribbon Panel on Employee Pay, would provide for the following types of salary increases for classified staff:

- **Cost-of-living raises** (for all state employees — determined by using the state's measured cost-of-living index to provide annual base-pay increases matching the state's inflation rate);
- **Performance (merit) raises** (for employees who meet or exceed their job requirements — determined by annual reviews from the Employee Performance Management System — those earning "M" would receive 2 percent; those earning "E" would receive 3 percent; those earning "SE" would receive 4 percent);
- **Bonuses** (for employees

***Classified employees:** The Staff Commission wants to know how you feel about the state's proposed compensation package for classified employees.*

You are invited to attend the Commission's next meeting Tuesday, Dec. 12, at 10 a.m. in 113 Lehotsky Hall; to call your Commission representative; or to write the Commission at Box 10049.

who are cited for "exceptional service" as determined by the agency).

At the Commission's "Forum on Employee Pay" last month, Assistant Director for the S.C. Division of Human Resources Management Tom Lucht said, "If this package is approved, not only would it provide legislators with some hard and fast guidelines for determining state pay raises, it would narrow our focus to one issue — funding."

(see **Blue Ribbon**, p. 3)

Let caution be your guide for the holidays

With the holidays approaching, now 'tis the season to be a little extra careful.

Employees — particularly female employees — who work late should be more careful at this time of year, especially since the days are shorter now, says Lt. Dennis Wilks of the campus police department.

"If you work late and feel apprehensive about going out to your car, call the police department at 656-2222, and we'll send someone to escort you," he says.

"Also, employees should not leave any valuable items in the office, or at the very least should lock them up, since traditionally we have more break-ins and robberies during this time of year."

Wilks' message to employees stemmed from his presentation at the November meeting of the Commission on Classified Staff Affairs in which he said the number of weekend campus disturbances — which peaked during Homecoming — has been on the decline lately.

It seems that the campus has become a popular weekend hangout this semester for many non-students (mostly area teenagers) who have caused trouble ranging from simple harassment to unprovoked beatings. None of the disturbances has been sexually related.

"We've experienced no real problems during the week — only on weekends," said Wilks. "Campus has become a weekend hangout for teen-agers be-

(see **Security**, p. 3)

Help Hugo victims — donate a holiday gift

You can help make the holidays a little easier on the victims of Hurricane Hugo by donating a gift to the "Cooper Hugo Choo-Choo," a Salvation Army collection point located in the lobby of Cooper Library.

Just bring an unwrapped gift — for a boy or girl up to 16 years old — and drop it off by the Christmas Tree in the Library

sometime between Dec. 4-15.

(Please indicate on the package for which age and sex your gift is intended.)

The Salvation Army will distribute the gifts downstate to the hurricane-stricken disaster areas.

The Hugo Choo-Choo is sponsored by the Libraries' activities and events committee. For more information, call 656-5179.

University appointments

Some recent University appointments are:

Denis A. Brosnan, *director of the Center for Engineering Ceramic Manufacturing*

Brosnan, who will join the faculty in January as an associate professor, comes to Clemson from the E-TECH Division of Erico Products Inc., in Cleveland, Ohio, where he was general manager.

As center director, Brosnan will supervise research programs in various areas of brick manufacturing, which eventually will include programs on utility boilers, aluminum melting furnaces, brick veneer construction and ceramic composite materials.

Brosnan earned his bachelor's and master's degrees from Clemson and his doctorate from Iowa State University.

Francis Canavan, *associate vice president for communications and external relations*

Formerly press secretary for the U.S. House Ways and Means Committee, Canavan will oversee Clemson's news services and constituent communications areas in addition to serving as public relations adviser to the administration. He also will provide communications support to public affairs and governmental relations activities in Washington, D.C., and in Columbia.

Canavan was chosen after a four-month nationwide search that drew more than 200 candidates.

A graduate of the University of Massachusetts, Canavan earned his Juris Doctor degree from the University of South Carolina in 1979 and is a member of the South Carolina Bar.

William Chard, *director of the Emerging Technology Center*
Chard, manager of industrial

accounts at Battelle, the world's largest independent research and development organization, will serve as center director and as manager for Battelle Corporate Business Development, Southeastern Region.

In his dual role, Chard will be responsible for managing, marketing and coordinating technology transfer activities undertaken by Battelle and the Emerging Technology Center.

Chard earned his bachelor's and master's degrees in ceramic engineering from The Ohio State University.

James H. Daniels, *associate dean for administration and development, College of Agricultural Sciences*

An Arkansas native, Daniels earned degrees from the University of Arkansas and the University of Illinois.

Since coming to Clemson in 1976, he has served as assistant and associate professor of agricultural education, acting head of the agricultural education department, and acting dean and director of resident instruction in the College of Agricultural Sciences.

Robert L. Fuzy, *director of development for the College of Commerce and Industry*

A 1980 Clemson graduate in financial management, Fuzy comes here from the Indiana Institute of Technology, where he was director of development.

In his new position, he will be responsible for implementing a development plan for the college, coordinating major gift proposals to individuals and corporations through the University development office, and building a stronger relationship between corporations, alumni and the college.

As an undergraduate, Fuzy played on the men's basketball team, 1977-1980, and was honorary team captain for the 1979-1980 season. He was named to the ACC Academic Honor Roll Team in 1978 and was student body president in 1979.

Ronald Galyean, *head, food sciences department*

A specialist in food chemistry, Galyean is the former director of research and development with Griffith Laboratories in Illinois.

Galyean also was a faculty member in food technology at Texas Tech University.

A native of Bentonville, Ark., Galyean earned his bachelor's degree from Southwest Missouri State University and his master's and doctoral degrees from the University of Missouri.

He is a member of the Institute of Food Technologists and the American Society of Testing and Materials.

Thomas Lacher Jr., *director for the Archbold Tropical Research Center in Dominica, West Indies*

Lacher joins the Clemson faculty from Bellingham, Wash., where he was associate professor in environmental science at Western Washington University.

Lacher will direct research and teaching programs for the Archbold Center, a 200-acre living laboratory composed of prime rain forest property in the Caribbean. Programs there will include tropical ecology, conservation, forestry and nature-based tourism.

Lacher earned bachelor's and doctoral degrees in biological sciences from the University of Pittsburgh.

(see Appointments, p. 4)

Blue Ribbon (cont.) —

Funding, as proposed by the panel, would be based on the assumption that approximately 60 percent of state employees would be evaluated as "M," 30 percent evaluated as "E," and 10 percent evaluated as "SE." Based on these figures, the Legislature would need to appropriate 2.5 percent of the state's total payroll to fund the increases.

"While this package is not everything we've worked for in the past, it is a start," says Commission Chairman Judi Nicks.

Nicks says employees should feel free to express their opinions

on the package to the Commission before it meets Dec. 12. (To do so, call your Commission representative or write to Box 10049.)

"At this point we're eager to see something in addition to the 'so-called' base pay increases state employees have been receiving," says Dixie Schmittou, president of the recently formed Clemson Chapter of the S.C. State Employees Association.

"This has the best chance of anything we've seen, and we're ready work with the Staff Commission to help get it started."

Littlejohn repairs now underway

The University has started repairing cracks in weld joints in the roof of Littlejohn Coliseum.

Efforts to hire an outside contractor to handle the work, as originally planned, were delayed because of questions over long-term liability.

"It became evident that the most feasible solution would be for the University to take responsi-

bility for the job, utilizing our own support staff and bringing in additional expertise as needed," says Jack Wilson, assistant vice president for facilities maintenance and operations.

Contingency plans have been made to relocate events (such as early season basketball games) scheduled for Littlejohn for the next several weeks, he says.

Security (cont.) —

cause they don't have any place better to go."

Wilks said the incidents occur usually on Saturdays and Sundays between 1 a.m. and 3 a.m., often in the loggia area of the University Union complex.

"I think it's important to stress that these are not University students causing the trouble," he said. "They are males aged 16 to 22 who come to campus from as far away as Toccoa, Ga., and Spartanburg."

To deal with the trouble, the police department created a special security force to patrol trouble areas and "to just be seen."

Since Homecoming, campus police have placed some 10 people on trespass notice (meaning they'll get locked up if they return to campus) and have arrested 14 more for disturbing the peace.

Wilks said any employee who encounters any problems of this nature should call the police department at 656-2222.

Look for retirement statements soon

Annual statements for all S.C. Retirement System members have been mailed from personnel services.

Personnel labels, sorts and mails the annual account statements in bulk to each member's office address.

If you joined the system after July 1, 1989, you will not receive a statement until November of 1990.

Those who are members of optional retirement plans (TIAA/CREF, Valic, or Mutual of America) do not receive S.C. Retirement System statements.

If you would like a copy of

your statement placed in your official Personnel file, you should send a copy to the personnel services office at 106 University Square.

(Having a copy of your statement on file enables personnel staffers to assist you in projecting service credit or benefits and to assist your family in the event of your disability or death.)

Check your service credit and account balances for accuracy, keeping in mind that the figures reflect activity only through June 30, 1989.

For details, call Francis Holliday at 656-3367.

Stationery returns to pre-Centennial look

With the Centennial Celebration drawing to a close, publications and graphics services is discontinuing the use of the Centennial wordmark on letterhead stationery.

So from now on, when you order stationery and envelopes from printing services, don't be surprised when you see the standard Clemson University logo/logotype again.

The change will be made automatically when you order and will not need to be indicated on the work order.

Dates to remember:*Wednesday, Nov. 29*

Film: "A Clockwork Orange." 7 p.m. and 9:45 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Women's Basketball: Furman. 7 p.m. Littlejohn Coliseum. (656-2101)

Seminar: "Interpersonal Skills." \$20. (Personnel Services, 656-2726)

Thursday, Nov. 30

Student Variety Series: **Clemson University Chorus.** 8 p.m., Tillman Hall. Free. (Performing Arts, 656-3043)

Concert: **Business and Industry Band.** 9 p.m., New Edgar's. \$2. (Union, 656-2461)

Nov. 30-Dec 2

Film: "Batman." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Dec. 1

Performing Artist Series: **Edward Jackman** (comedian/juggler). 8 p.m., Tillman Auditorium. \$6 students, \$8 public. (University Union/Alumni Association, 656-2461)

"Christmas at Hanover House." 5-8 p.m. (Ann Russell, 656-2475) (House decorated and open daily through Dec. 17.)

Clemson Indoor Track Meet. All day. (656-2101)

Dec. 1-3

Men's Swimming: **Tiger Intercollegiate Invitational.** 11 a.m., Fike. (656-2101)

Women's Swimming: **Tiger Intercollegiate Invitational.** 11 a.m., Fike. (656-2101)

Saturday, Dec. 2

Women's Basketball: **College of Charleston.** 7 p.m., Littlejohn Coliseum. (656-2101)

Sunday, Dec. 3

Film: "West Side Story." 2 p.m., Y-Theater. \$1. (Union, 656-2461)

Film: "Lethal Weapon." 7 p.m. and 9:15 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Wednesday, Dec. 6

Film: "The Big Blue." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Women's Basketball: **Augusta College.** 7 p.m., Littlejohn Coliseum. (656-2101)

Student-Faculty Challenge Debate: "That Violence is a Justified Response to Political Oppression." 7:30-9 p.m., Tillman Auditorium. (Calhoun Forensic Society, Peter Loge, 656-5383)

Thursday, Dec. 7

Defensive Driving Class. 8:30 a.m.-4:30 p.m., Police Department Courtroom. (Risk Management and Safety, Freddie Harbin, 656-3365)

Dec. 7-9

Film: "Scrooged." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Dec. 8

Seminar: **New Employee Orientation.** (Personnel Services, 656-2726)

Seminar: "Time Management." \$30. (Personnel Services, 656-2726)

Saturday, Dec. 9

Wrestling: **UT-Chattanooga.** 7 p.m. Jervey. Free. (656-2101)

Men's Basketball: **Radford.** 1 p.m., Littlejohn Coliseum. (656-2101)

Sunday, Dec. 10

Film: "Body Heat." 7 p.m. and 9:15 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Dec. 11-16

Final examinations.

Appointments (cont.) —

Jean W. Shisler, director of development for the colleges of Liberal Arts and Architecture

A graduate of the State University of New York at Buffalo, Shisler will be responsible for creating five-year development plans for the colleges as well as soliciting major gifts from donors.


Shisler comes to Clemson from Northern Kentucky University, where she served as director of development for its College of Business.

A veteran fund-raiser, she developed 10-year plans for that college, conducted a job placement survey of alumni and devised a computer data program for donor information.

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Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, DEC. 1, for Dec. 13 issue.**



Clemson

WEEKLY

Vol. 29, No. 19

Wednesday, Dec. 6, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Presentation on Thurmond Institute highlights Senate meeting

Nominating procedures for a pair of professorships and a presentation on the Strom Thurmond Institute highlighted the November meeting of the Faculty Senate.

Guest speaker

Edward Hamilton, assistant director of the Strom Thurmond Institute, said the Institute is a non-profit, non-partisan, public-policy research institute dedicated to "helping the government better serve the people" at all levels.

He said the Institute's mission is to identify public policy issues of concern to citizens and their communities and to utilize Clemson faculty to research those issues and develop workable solutions, which are then presented to the communities.

The Institute is part of a larger concept called the Strom Thurmond Center, which is to include the Institute headquarters, a performing arts center and a continu-

ing education facility. (Current plans call for both facilities to be completed by 1992.)

Hamilton said funding for the

Institute comes from a variety of sources. The building was constructed with \$6.5 million in private

funds. Another \$3.7 million has been designated for the Institute as a part of The Campaign for Clemson goal of doubling the University's endowment.

State money currently pays for salaries but may be eliminated later as the endowment grows. Research grants and contracts also contribute to the Institute's income, he said.

Department heads' letter

The Organization of Department Heads has thanked the Senate for its efforts toward revising the current system used to evaluate department heads.

In a letter to the Senate, Jerry E. Trapnell, executive committee chairman for the ODH, wrote that the committee is "most appreciative of the open lines of communication" between the two groups and that such communication is "a healthy and important link that we pledge to maintain."

(see Senate on p.2)

For the record:

The Clemson Chapter of the S.C. State Employees Association has 451 members from Clemson University. Of that total, 300 are on-campus.

Faculty Senate News

Next Senate meeting:

The Senate's next meeting will be Tuesday, Dec. 12, at 3:30 p.m. in the Student Senate Chamber in the University Union complex.

Presentations will include updates on Clemson's recently announced partnership with Battelle and on the progress of the Strategic Planning Committee.

All faculty are invited.

For details, call the Faculty Senate office at 656-2456.

Life Trustees elect successors for retiring members

The Life Members of the University's Board of Trustees have elected Bill L. Amick, Lawrence M. Gressette Jr. and Philip H. Prince to succeed retiring Life Members Paul W. McAlister, James C. Self and James M. Waddell Jr., effective Nov. 21.

The will of University founder Thomas Green Clemson provides for seven Life Trustees, who elect their own successors, and six additional Trustees elected by the state Legislature. Those elected by the Legislature serve four-year terms.

Amick has been a legislatively elected Trustee since 1983. He is chairman of the Agriculture and Natural Resources Committee and a member of the Institutional Advancement Committee. The 1966 Clemson graduate from Batesburg is chairman and chief executive officer of Amick Farms Inc., Amick Processing Inc. and Amick Broilers Inc.

Gressette is president and chief executive officer-elect of Columbia-based SCANA Corp. He is a 1954 Clemson graduate and is chairman of the National Corporations Committee of The Campaign for Clemson, the University's recently announced drive to raise, by July 1992, \$62 million for academic endowments and facilities.

Prince, retired senior vice president of the American Express Co., is general chairman

(see Trustees on p. 2)

Dates to remember:*Thursday, Dec. 7*

Defensive Driving Class. 8:30 a.m.-4:30 p.m., Police Department Courtroom. (Risk Management and Safety, Freddie Harbin, 656-3365)

Dec. 7-9

Film: "Scrooged." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Dec. 8

New Employee Orientation.

Seminar: "Time Management." \$30. (Personnel Services, 656-2726)

Saturday, Dec. 9

Wrestling: UT-Chattanooga. 7 p.m. Jervey. Free. (656-2101)

Sunday, Dec. 10

Film: "Body Heat." 7 p.m. and 9:15 p.m., Y-Theater. Free with student I.D. (Union, 656-2461)

Dec. 11-16

Final examinations.

Monday, Dec. 11

Seminar: "Introduction to Supervisory Management." \$35. (Personnel Services, 656-2726)

Tuesday, Dec. 12

Staff Commission meeting. 10 a.m., 113 Lehotsky Hall. (Judi Nicks, 656-2598)

Faculty Senate meeting. 3:30 p.m., Senate Chambers. (Gordon Halfacre, 656-4957)

Senate (cont.)**Centennial Professorship**

At the meeting, the Senate approved these nomination procedures for the Centennial Professorship:

- All faculty, on and off campus, are eligible.
- The two-year appointment will be non-renewable and will rotate among the various colleges.
- The award will provide for a salary supplement and expenses.

Nominations are to be called for in January.

Class of '39 Award

Clemson's Class of '39 has established a Faculty Award for Excellence. The award is to be presented annually to distinguished faculty members whose

outstanding contributions for a five-year period have been judged by their peers as representative of "the highest achievement of service to the student body, the University and the community."

The award carries with it a one-time grant of \$5,000, and the recipient's name will be engraved on the Class of '39 Bell Tower between Sikes and Brackett halls.

To be eligible, a candidate must be an active, tenured faculty member with at least five years of service here and must have received above-average performance ratings (relative to peers) from his or her administrators.

Seventeen faculty have been nominated. A selection will be made by December graduation.

Members of the review committee elected by the Senate are: Bhuvnesh Goswami (Prof, Commerce and Industry), Eldon Zehr (Prof, Agricultural Sciences), Marsha McCurley (Asst Librarian, Library), Leo Gaddis (Prof, Engineering), and Robert Hogan (Prof, Architecture) with Paula Heusinkveld (Prof, Languages) as alternate.

Trustees (cont.)

of The Campaign for Clemson. The Pawleys Island resident and 1949 Clemson graduate is president of the Clemson University Foundation, which raises, receives and invests private gifts for Clemson academic programs.

McAlister, a 1941 Clemson graduate and retired president of Laurens Glass Inc., had been a Trustee since 1972, when he was elected a Life Member. He was the first alumnus to serve as the Board's chairman, a post he held from 1975 until 1981.

Self, chairman of the executive committee of Greenwood Mills Inc., was the Board's senior Trustee, having been elected a Life Member in 1960.

Waddell, a state senator from Beaufort, had been a Life Trustee since 1972 and was Board chairman from 1983 to 1985.

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Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is FRIDAY, DEC. 8, for Jan. 10 issue.



Clemson

WEEKLY

Vol. 29, No. 20

Wednesday, Dec. 13, 1989

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Faculty salaries increase over last year

Average salaries for Clemson faculty continue to increase, according to the annual Faculty Salary Report issued by the Provost's Office.

The report indicates that, since 1988-89, average salaries have increased 6 percent for professors; 5.3 percent for associate professors; 5.1 percent for assistant professors; 36 percent for

instructors; and 3 percent for librarians.

The increases reflect last year's \$800,000 in faculty salary adjustments, says Provost David Maxwell.

Part-time and visiting faculty were not included in the report; neither were academic administrators such as deans, directors and department heads.

Where there are fewer than five faculty for a given rank, no salaries have been reported.

The number of faculty is listed for each college, however.

Information from the 1989-90 Faculty Salary Report is featured inside on pages 5-7.

Cray chairman to speak at graduation

Graduation exercises will be held Thursday, Dec. 21, at 11 a.m. in the recently reopened Littlejohn Coliseum.

Approximately 900 candidates are scheduled to receive degrees.

John A. Rollwagen, chairman and chief executive officer of Cray Research Inc., will give the graduation address.

Honorary degrees will be presented to John C. Marous, chairman and chief executive officer of the Westinghouse Electric Corp., and George Chaplin, a 1935 Clemson graduate and editor-at-large for the Honolulu Advertiser.

The President's Award will be presented to Rollwagen; newly elected Life Trustee Lawrence M. Gressette Jr., president and chief executive officer-elect of the Columbia-based SCANA Corp.; Murray M. Stokely, retired chairman of the board and chief executive officer of CRS Sitrine; and Marshall E. Walker Sr., retired president of Catawba Wholesale Electric Supply Co. in Rock Hill.

Faculty/staff meeting set for Dec. 20

A general faculty/staff meeting will be held Wednesday, Dec. 20, at 10 a.m. in Tillman Hall Auditorium.

Scheduled for the program are:

- the presentation of the Clemson Alumni Award for Distinguished Public Service;
- special recognition of several faculty;
- reports from the Strategic Planning Committee, the Faculty Senate and the Commission on Classified Staff Affairs;
- an address by President Max Lennon.

The 1980s: A decade in review

(Since this is the last issue of Clemson Weekly to be published in the 1980s, we thought it might be fun to close out the decade by taking a stroll down memory lane before heading into the Second Century.)

Okay, picture this. It's New Year's Eve 1989. You're standing around with a few fellow Clemsonites waiting for the big ball to drop in Times Square.

As midnight creeps nearer, you start getting all mushy and nostalgic and begin to reflect upon the decade soon to be past.

Which sections of Clemson history in the 1980s will stand out most for you?

No doubt some of the things that will immediately spring to mind will be Clemson's national football championship, or the Centennial Celebration, or per-

haps even the recent Rolling Stones concert.

But what else?

Well, the decade also included sports highs such as Clemson's first two national championships in soccer and lows such as the NCAA and ACC athletic probation for the football program.

Max Lennon became Clemson's third chief executive of the decade. Bill Atchley, who began the decade as president, resigned in 1985 and was succeeded by tenth President Walter T. Cox, who served until Lennon's inauguration in 1986.

Campus continued its expansion with the dedications of Lehotsky Hall, Hunter Chemistry Laboratory, and the Strom Thurmond Institute; the addition of a second upper deck to Memorial

(see Decade on p.2)

Decade (cont.)

Stadium; and the construction of the Clemson Research Park near Pendleton.

The old Edgar's became the new Edgar's Courtyard; the Johnstone Canteen became the ARA Food Court; Palmetto Blvd. was closed to through traffic behind Cooper Library; and parking tickets were written on the spot by hand-held computers.

Let's see, what else? Oh, yeah, in 1987, *Clemson Weekly* made its first appearance under that name.

And to help keep your New Year's chatter flowing smoothly, here are some other memories you might mention:

In 1980, President Bill Atchley reorganized the administration from five vice presidential areas into four — academic affairs, student affairs, institutional advancement, and business and finance.

In 1981, the Clemson studios of public radio station WEPR ceased operations.

For April Fool's day, pranksters "decorated" Tillman's clock tower with a giant Mickey Mouse

(see the photo on back).

In 1982, to accommodate some \$3.2 million in mid-year budget cuts ordered by the state, Clemson delayed 2-percent merit raises until the end of the fiscal year and trimmed the workweek by two percent.

The Tiger celebrated its 75th anniversary.

In 1983, some 81,000 fans, on hand for the football game against Maryland, set a new world's record for mass ascension by releasing 310,000 balloons from Death Valley.

The Clemson University Foundation turned 50 that year.

In 1984, the Commission on Classified Staff Affairs was created, and on-campus enrollment topped 12,000 for the first time.

In 1985, then-Vice President George Bush was on campus to participate in groundbreaking ceremonies for the Strom Thurmond Institute, and the University adopted the touch-tone telephone system in use today.

In 1986, Clemson established the nation's first chair in technical communications, and the Extension Service coordinated the massive haylift to provide relief to

South Carolina's drought-stricken farmers.

In 1987, employees began paying to park on campus.

Clemson field tested with Monsanto Co. a genetically engineered microbial tracking system and signed the largest research contract in the University's history (worth a potential \$10 million over three years) for demonstrating apparel manufacturing technology at the Clemson Apparel Research facility.

In 1988, flag-raising ceremonies across the state heralded the kickoff of the Centennial April 6, and the University received its largest cash gift to date of \$1.5 million to establish the Pearce Center for Professional Communication.

In 1989, the replacing of the Tillman Hall cornerstone and time capsule highlighted Cornerstone Weekend festivities, and Vice President Dan Quayle attended the dedication ceremony for the Strom Thurmond Institute.

The University kicked off its Second Century by announcing "The Campaign for Clemson," a drive to raise \$62 million in private support by 1992.

Briefly

Retirement seminars

Those retiring within the next year may want to attend either of the Thursday, Jan. 25, retirement planning meetings in G-22 Lehotsky Hall.

Sponsored by personnel services, the meetings will be held from 8:30 a.m. to noon and from 1:30 p.m. to 4:30 p.m.

The information presented in each will be the same.

A private consultant from the Social Security Administration and representatives from the S.C. Retirement System and the pay-

roll/benefits office will be available to provide information and answer questions.

If you are retiring in 1990, you should request your retirement benefits estimates by Tuesday, Jan. 5.

For more information, call Frances Holliday at 656-3367 or Eugenia Freeman at 656-4678.

Staff at graduation

Classified staff participating in the Thursday, Dec. 21, graduation procession need to be in line by 10:30 a.m., says Staff Marshal

Ben Morton.

Morton says classified staff members will meet outside Littlejohn Coliseum on "G" Street.

C.U. on S.C. ETV

Look for a special half-hour program on the University to be shown on S.C. ETV stations Sunday, Dec. 17, at 10:30 p.m.

The program will look at Clemson's past, present and future and will be highlighted by a question and answer session with President Max Lennon and a panel of S.C. journalists.

Clemson Then

Clemson Now

Employees: 1980
(3,584 total):

Faculty
1,344 full-time
71 part-time
1,415 total

Classified Staff
2,169 full-time
151 part-time
2,320 total

Employees: 1989
(4,125 total):

Faculty
1,451 full-time
172 part-time
1,623 total

Classified Staff
2,346 full-time
156 part-time
2,502 total

Salaries: 1980**Average academic salaries:**

Professor \$31,083
Assoc Prof \$24,680
Asst Prof \$19,911
Inst \$15,483
Lib \$17,639

Selected staff salaries (at the state minimum):

Hourly wage \$3.31
Grade 15 \$8,394
Grade 20 \$10,213
Grade 25 \$12,424
Grade 30 \$15,116
Grade 35 \$18,392
Grade 40 \$22,376

Salaries: 1989**Average academic salaries:**

Professor \$52,505
Assoc \$39,575
Asst \$34,634
Inst \$17,966
Lib \$23,334

Selected staff salaries (at state minimum):

Hourly wage \$3.35
Grade 15 \$11,805
Grade 20 \$14,363
Grade 25 \$17,474
Grade 30 \$21,262
Grade 35 \$25,871
Grade 40 \$31,476

Students: 1980
(11,579 total)

Undergraduates (81 percent)
Grad Students (19 percent)

S.C. residents (82 percent)
Out-of-state stus (18 percent)

Men (59 percent)
Women (41 percent)

Tuition and fees (two semesters):
S.C. resident \$1,210
non-resident \$2,488

Students: 1989
(16,072 total)

Undergraduates (78.2 percent)
Grad Students (21.8 percent)

S.C. residents (67.8 percent)
Out-of-state res (28.6 percent)
Foreign stus (3.6 percent)

Men (56 percent)
Women (44 percent)

Tuition and fees (two semesters):
S.C. resident \$2,364
non-resident \$6,326

(Sources: Office of Institutional Research, Facts 1980 and 1989, Personnel Services.)



Clemson got a little help from its friends in closing out the 1980s. Communications Center videographer Vince Ducker (left) found "Old Green Tom" a fine perch for filming Cornerstone-related activities; some 6,000 students (top) turned out to pose for the student body photo (and a chance at a \$50 drawing); Special Collections department head Michael Kohl and wood chemist David Hon (bottom right) stuffed items ranging from a Clemson credit card to the sheet music for "Tiger Rag" into the 2089 time capsule; and Dan Quayle (bottom left) became the second U.S. Vice President to participate in the establishment of the Strom Thurmond Institute.



1989-90 Faculty Salary Report

(cont. from p. 1 — source: Provost's Office)

Professors (male)

| College | <u>Ag Sci</u> | <u>Architecture</u> | <u>Comm/Ind</u> | <u>Education</u> | <u>Engineering</u> |
|------------|---------------|---------------------|-----------------|------------------|--------------------|
| # Faculty | 127 | 15 | 34 | 16 | 54 |
| \$ Maximum | \$71,998 | \$59,072 | \$89,286 | \$59,545 | \$86,423 |
| \$ Minimum | \$33,708 | \$41,529 | \$43,236 | \$40,000 | \$48,111 |
| \$ Median | \$47,776 | \$49,917 | \$60,316 | \$47,807 | \$59,050 |
| \$ Average | \$48,423 | \$49,631 | \$61,848 | \$47,362 | \$61,036 |

| College | <u>Forest/Rec Res</u> | <u>Liberal Arts</u> | <u>Nursing</u> | <u>Sciences</u> | |
|------------|-----------------------|---------------------|----------------|-----------------|--|
| # Faculty | 20 | 31 | 0 | 70 | |
| \$ Maximum | \$59,070 | \$72,345 | 0 | \$88,000 | |
| \$ Minimum | \$39,334 | \$36,526 | 0 | \$39,668 | |
| \$ Median | \$45,831 | \$48,800 | 0 | \$54,000 | |
| \$ Average | \$47,198 | \$49,367 | 0 | \$55,758 | |

Associate Professors (male)

| College | <u>Ag Sci</u> | <u>Architecture</u> | <u>Comm/Ind</u> | <u>Education</u> | <u>Engineering</u> |
|------------|---------------|---------------------|-----------------|------------------|--------------------|
| # Faculty | 35 | 12 | 26 | 11 | 35 |
| \$ Maximum | \$51,791 | \$44,263 | \$62,130 | \$46,022 | \$60,000 |
| \$ Minimum | \$32,805 | \$34,500 | \$35,914 | \$30,288 | \$40,050 |
| \$ Median | \$38,444 | \$38,245 | \$49,224 | \$33,865 | \$46,056 |
| \$ Average | \$38,122 | \$39,081 | \$48,739 | \$35,185 | \$46,940 |

| College | <u>Forest/Rec Res</u> | <u>Liberal Arts</u> | <u>Nursing</u> | <u>Sciences</u> | |
|------------|-----------------------|---------------------|----------------|-----------------|--|
| # Faculty | 11 | 44 | (1) | 37 | |
| \$ Maximum | \$43,475 | \$45,303 | 0 | \$53,170 | |
| \$ Minimum | \$31,774 | \$28,815 | 0 | \$26,485 | |
| \$ Median | \$36,374 | \$33,483 | 0 | \$38,025 | |
| \$ Average | \$37,857 | \$34,064 | 0 | \$39,826 | |

Assistant Professors (male)

| College | <u>Ag Sci</u> | <u>Architecture</u> | <u>Comm/Ind</u> | <u>Education</u> | <u>Engineering</u> |
|------------|---------------|---------------------|-----------------|------------------|--------------------|
| # Faculty | 29 | 8 | 21 | 5 | 24 |
| \$ Maximum | \$38,356 | \$36,400 | \$53,100 | \$33,325 | \$44,939 |
| \$ Minimum | \$27,708 | \$31,459 | \$38,209 | \$28,000 | \$39,000 |
| \$ Median | \$33,043 | \$32,764 | \$45,000 | \$30,426 | \$42,000 |
| \$ Average | \$32,800 | \$32,765 | \$45,329 | \$30,485 | \$41,740 |

| College | <u>Forest/Rec Res</u> | <u>Liberal Arts</u> | <u>Sciences</u> | |
|------------|-----------------------|---------------------|-----------------|--|
| # Faculty | (4) | 27 | 23 | |
| \$ Maximum | 0 | \$32,500 | \$46,355 | |
| \$ Minimum | 0 | \$24,500 | \$28,337 | |
| \$ Median | 0 | \$27,342 | \$36,558 | |
| \$ Average | 0 | \$27,792 | \$37,501 | |

1989-90 Faculty Salary Report

(cont. from p. 1 — source: Provost's Office)

Professors (female)

| College | <u>Ag Sci</u> | <u>Architecture</u> | <u>Comm/Ind</u> | <u>Education</u> | <u>Engineering</u> |
|------------|-----------------------|---------------------|-----------------|------------------|--|
| # Faculty | 9 | (1) | (2) | (1) | 0 |
| \$ Maximum | \$45,709 | 0 | 0 | 0 | 0 |
| \$ Minimum | \$35,915 | 0 | 0 | 0 | 0 |
| \$ Median | \$39,271 | 0 | 0 | 0 | 0 |
| \$ Average | \$40,461 | 0 | 0 | 0 | 0 |
| College | <u>Forest/Rec Res</u> | <u>Liberal Arts</u> | <u>Nursing</u> | <u>Sciences</u> | <i>** Academic Affairs lists one professor. **</i> |
| # Faculty | 0 | 5 | (1) | 6 | (1) |
| \$ Maximum | 0 | \$66,150 | 0 | \$59,600 | |
| \$ Minimum | 0 | \$38,265 | 0 | \$43,318 | |
| \$ Median | 0 | \$40,264 | 0 | \$52,199 | |
| \$ Average | 0 | \$45,354 | 0 | \$50,099 | |

Associate Professors (female)

| College | <u>Ag Sci</u> | <u>Architecture</u> | <u>Comm/Ind</u> | <u>Education</u> | <u>Engineering</u> |
|------------|-----------------------|---------------------|-----------------|------------------|--------------------|
| # Faculty | 10 | (4) | (4) | (4) | (2) |
| \$ Maximum | \$39,474 | 0 | 0 | 0 | 0 |
| \$ Minimum | \$33,794 | 0 | 0 | 0 | 0 |
| \$ Median | \$36,041 | 0 | 0 | 0 | 0 |
| \$ Average | \$36,101 | 0 | 0 | 0 | 0 |
| College | <u>Forest/Rec Res</u> | <u>Liberal Arts</u> | <u>Nursing</u> | <u>Sciences</u> | |
| # Faculty | (1) | 13 | 6 | (1) | |
| \$ Maximum | 0 | \$36,911 | \$45,867 | 0 | |
| \$ Minimum | 0 | \$27,582 | \$36,819 | 0 | |
| \$ Median | 0 | \$30,436 | \$40,139 | 0 | |
| \$ Average | 0 | \$31,414 | \$39,908 | 0 | |

Assistant Professors (female)

| College | <u>Ag Sci</u> | <u>Architecture</u> | <u>Comm/Ind</u> | <u>Education</u> | <u>Engineering</u> |
|------------|-----------------------|---------------------|-----------------|------------------|--------------------|
| # Faculty | 8 | (1) | (4) | 7 | (2) |
| \$ Maximum | \$38,756 | 0 | 0 | \$30,504 | 0 |
| \$ Minimum | \$30,602 | 0 | 0 | \$26,176 | 0 |
| \$ Median | \$33,190 | 0 | 0 | \$27,500 | 0 |
| \$ Average | \$33,489 | 0 | 0 | \$27,846 | 0 |
| College | <u>Forest/Rec Res</u> | <u>Liberal Arts</u> | <u>Nursing</u> | <u>Sciences</u> | |
| # Faculty | (3) | 17 | 9 | 7 | |
| \$ Maximum | 0 | \$30,000 | \$38,000 | \$37,000 | |
| \$ Minimum | 0 | \$23,880 | \$29,311 | \$30,075 | |
| \$ Median | 0 | \$28,500 | \$34,254 | \$31,589 | |
| \$ Average | 0 | \$28,003 | \$34,359 | \$32,427 | |

1989-90 Faculty Salary Report

(cont. from p. 1 — source: Provost's Office)

Instructors (male)

| College | <u>Ag Sci</u> | <u>Architecture</u> | <u>Comm/Ind</u> | <u>Education</u> | <u>Engineering</u> |
|------------|---------------|---------------------|-----------------|------------------|--------------------|
| # Faculty | (3) | 0 | (1) | (1) | (1) |
| \$ Maximum | 0 | 0 | 0 | 0 | 0 |
| \$ Minimum | 0 | 0 | 0 | 0 | 0 |
| \$ Median | 0 | 0 | 0 | 0 | 0 |
| \$ Average | 0 | 0 | 0 | 0 | 0 |

| College | <u>Forest/Rec Res</u> | <u>Liberal Arts</u> | <u>Nursing</u> | <u>Sciences</u> | |
|------------|-----------------------|---------------------|----------------|-----------------|--|
| # Faculty | (1) | 9 | 0 | 0 | |
| \$ Maximum | 0 | \$27,988 | 0 | 0 | |
| \$ Minimum | 0 | \$17,000 | 0 | 0 | |
| \$ Median | 0 | \$17,160 | 0 | 0 | |
| \$ Average | 0 | \$18,505 | 0 | 0 | |

Instructors (female)

| College | <u>Ag Sci</u> | <u>Architecture</u> | <u>Comm/Ind</u> | <u>Education</u> | <u>Engineering</u> |
|------------|---------------|---------------------|-----------------|------------------|--------------------|
| # Faculty | 0 | 0 | (1) | 3 | 0 |
| \$ Maximum | 0 | 0 | 0 | 0 | 0 |
| \$ Minimum | 0 | 0 | 0 | 0 | 0 |
| \$ Median | 0 | 0 | 0 | 0 | 0 |
| \$ Average | 0 | 0 | 0 | 0 | 0 |

| College | <u>Forest/Rec Res</u> | <u>Liberal Arts</u> | <u>Nursing</u> | <u>Sciences</u> | |
|------------|-----------------------|---------------------|----------------|-----------------|--|
| # Faculty | 0 | 13 | 0 | 0 | |
| \$ Maximum | 0 | \$19,689 | 0 | 0 | |
| \$ Minimum | 0 | \$17,000 | 0 | 0 | |
| \$ Median | 0 | \$17,264 | 0 | 0 | |
| \$ Average | 0 | \$17,594 | 0 | 0 | |

Librarians

| | <u>Male</u> | <u>Female</u> |
|------------|-------------|---------------|
| # Faculty | 3 | 10 |
| \$ Maximum | 0 | \$30,573 |
| \$ Minimum | 0 | \$18,078 |
| \$ Median | 0 | \$21,254 |
| \$ Average | 0 | \$23,334 |

TOTALS

| Rank | <u>Professor</u> | <u>Associate Professors</u> | <u>Assistant Professors</u> | <u>Instructors</u> | <u>Librarians</u> |
|------------|------------------|-----------------------------|-----------------------------|--------------------|-------------------|
| # Faculty | 387 (5) | 240 (17) | 185 (14) | 22 (11) | 10 (3) |
| \$ Maximum | \$89,286 | \$62,130 | \$53,100 | \$27,988 | \$30,573 |
| \$ Minimum | \$33,708 | \$26,485 | \$23,880 | \$17,000 | \$18,078 |
| \$ Median | \$51,574 | \$38,444 | \$33,000 | \$17,264 | \$21,254 |
| \$ Average | \$52,505 | \$39,575 | \$34,634 | \$17,966 | \$23,334 |

— Remember this? —



Clockwork Orange

On the morning of April 1, 1981, the campus awoke to find the results of "The Mickey Mouse Caper." Overnight, pranksters transformed the west face of Tillman Hall's clock tower into a giant Mickey Mouse watch. A second mouse appeared on the south face the next morning.

(See the related story on "The 1980s" on p. 1.)

JOHN M FORD
TRUSTEE HOUSE
5606
NEWS SERVICES

Clemson Weekly
by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is FRIDAY, DEC. 15, for Jan. 17 issue.

Dates to remember:

Wednesday, Dec. 13

Slide presentation: "Clemson in the Caribbean" by Tom Lacher, director of the Archbold Tropical Research Center in Dominica. Clemson Biologist Steven R. Hill also will speak about the Alumni Association's upcoming trip to the center in March. 3 p.m., Kewoee Key Country Club. (Myra Cochnar, 656-2345)

Thursday, Dec. 14

Black Faculty/Staff Association meeting. 5 p.m., B-112 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Saturday, Dec. 16

Women's Basketball: UNC-Charlotte. 7 p.m., Littlejohn Coliseum. (656-2101)

Monday, Dec. 18

Women's Basketball: Michigan State. 7 p.m., Littlejohn Coliseum. (656-2101)

Wednesday, Dec. 20

General faculty/staff meeting. 10 a.m., Tillman Auditorium. (David Maxwell, 656-3234)

Last day to preregister for fall semester.

Thursday, Dec. 21

Graduation. 11 a.m., Littlejohn Coliseum.

Dec. 22, 25-27

Christmas holidays — University is closed.

Jan. 1

New Year's Day — University is closed.

If it snows, you choose

By the way, if it happens to snow anytime soon, remember you have three choices if you can't get in to work:

- 1 you can take **annual leave**;
- 2 you can take **leave without pay**;
- 3 you can **make up the time** (with your supervisor's OK).



Clemson

WEEKLY

Vol. 29, No. 21

Wednesday, Jan. 10, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Lennon asks Clemson's '\$64,000 question'

President Max Lennon punctuated his general faculty/staff address in December by referring to what he called the University's "\$64,000 question" — What will Clemson become in its Second Century?

The answer, he said, is that Clemson's future will be determined by the efforts of each employee through his or her respective department.

"It is fundamentally important that each department engage aggressively in planning because we must know what our priorities are if we are to attain academic excellence," Lennon said.

Lennon said the University will require even greater resources if it is to accomplish this task.

"We can't accomplish what we must without convincing the people of South Carolina that we need more money than we are re-

ceiving from the state," he said.

On the private support front, he said, the University has launched "The Campaign for Clemson" with a goal of raising \$62 million by 1992. So far, University volunteer leaders such as Campaign Chairman Philip Prince have helped raise more than \$40 million. "Private support to Clemson will help us provide that extra margin of excellence that makes the difference between a good university and great one," Lennon said.

He also spoke about Clemson's growing reputation as a leader in environmental research. "Given the opportunities that have presented themselves in the recent past, I would predict that, in this next century, Clemson will become a world-class university in the environmental sciences," he said.

Strategic planning report nears completion

At its December meeting, the Faculty Senate heard updates on the University's strategic planning process and the Emerging Technology Center, and recommended a research ethics policy and a change in the last date to drop classes.

Agricultural economics and rural sociology Professor Stassen Thompson, chairman of the strategic planning committee, said that group is working quickly to finish its recommendations by the end of January.

The committee's job, he said, has been:

1. to analyze Clemson's strengths;

2. to plan for future trends/events; and

3. to plan to strategically position the University to take advantage

of future opportunities.

The committee has built around the six focus areas of the Second Century — Agriculture and Food, Engineering and Basic Science, Marketing and Management, Quality of Life, Textiles, and Undergraduate Education.

Thompson said the committee welcomes all comments and sug-

(see Senate on p.2)

Faculty Senate News

Staff Commission news:

Blue-ribbon package gets Commission OK

Merit and shift differential pay, "amnesty" for workers affected by Hurricane Hugo, and staff representation on academic search committees highlighted the December meeting of the Commission on Classified Staff Affairs.

The Commission endorsed the proposed compensation package recommended by the Governor's Blue Ribbon Panel on Employee Pay. The package, if approved by the General Assembly, would provide for:

- cost-of-living raises matching the state's inflation rate;
- a merit pay system with incremental increases for superior levels of performance; and
- bonus pay for extraordinary performance.

The panel consisted of representatives from the House Ways and Means Committee, the Senate Finance Committee, the Governor's Office, the Office of Human Resources and the S.C. State Employee's Association.

Hugo amnesty

The Commission also is seeking "amnesty" for classified staff members in the lower portion of the state who missed work as a result of Hurricane Hugo.

A Commission resolution will ask the General Assembly to forgive all state employees stationed in hurricane-stricken counties for all official work time missed on Friday, Sept. 22. The resolution also asks that all supervisors in those areas credit their employ-

(see Staff Commission on p.2)

Senate (cont from p. 1)

gestions, and that a public hearing is to be held Thursday, Jan. 11, at 3:30 p.m. at the Strom Thurmond Institute.

Emerging Technology Center

Center Director Bill Chard called the Emerging Technology Center the "focal point" of Clemson's recent research and development agreement with Battelle, the world's largest research institute.

"Although Battelle has conducted cooperative research with other universities on a project-by-project basis, Clemson is the first

Gifts to date for the Faculty Senate's Centennial Professorship drive: \$57,519

university that we have ever had an on-site alliance with," he told the Senate.

Chard said Battelle is in the business of "commercializing technology — clients come to us with a need, and we develop existing technology to meet that need. That's what we plan to do with the Emerging Technology Center."

The center will focus on such areas as product/process development, business marketing and technological services, and general consultation. In effect, the center will match Clemson

research expertise with outside needs, he said.

Research Ethics Policy

The Senate approved a Research Ethics Policy, which was forwarded to the administration. Clemson was required to have such a written policy on file with the National Institute of Health and Human Services by Jan. 1.

Drop Date

To help alleviate classroom overcrowding, the Senate has recommended that the first class drop date be moved to one day before the last day to drop a class. Doing so should prevent students from signing up for more classes than they need before deciding which ones to drop.

Goswami receives Class of '39 award

Dixie Goswami is the first recipient of the Class of '39 Faculty Award for Excellence.

She was presented the award at graduation Dec. 21.

The award, made possible by gifts from members of the Class of 1939, will be presented annually to distinguished faculty members whose outstanding contributions for a five-year period have been judged by their peers as representative of the highest achievement of service.

The award carries with it a one-time grant of \$5,000. Each recipient's name will be engraved on the Class of '39 Bell Tower between Sikes and Brackett halls.

Goswami, who earned her master's degree from Clemson, has taught English here since 1984. She was instrumental in forging a partnership between Clemson and Vermont's Bread Loaf School of English at Middlebury College that serves as an "academic boot camp" for teachers, teaching them to become better writers and, therefore, better teachers of writing.

Staff Commission (cont from p. 1)

ees for work in local disaster relief efforts (as service to the state) as a way to offset any additional lost work time.

Shift pay update

The Commission is calling for an update in the state formula used to determine shift differential pay.

That pay formula, which compensates employees regularly assigned to evening, night, rotating or split shifts, hasn't been updated since 1974. The Commission is asking the administration to seek the necessary state approval to review and update the formula regularly.

Classified representation

The Commission is asking for an amendment to the Faculty Manual to allow staff representatives, when appropriate, to participate on search committees for academic administrators. The Faculty Senate has not yet considered the resolution.

Thank you, Faculty Senate

The Commission also thanked the Faculty Senate for its support of merit raises for classified staff.

"This is an issue painfully near to the hearts and pocketbooks of Clemson's more than 2,300 classified employees," said Commission Chairman Judi Nicks, "and the Senate's gesture is an important component in our efforts to ensure compensation for those whose efforts often go largely unrewarded."

Classified scholarship

Employees can help send the child of a classified staff member to Clemson this fall by designating a portion of their Loyalty Fund contributions to the Classified Staff Scholarship Fund, Nicks said.

The first recipient, to be selected in April, will receive \$1,000 for tuition and expenses in Clemson's 1990-91 school year.

For details, call the development office at 656-2121 or the payroll/employee benefits office at 656-2000.

A Look at the Colleges — 1990

To begin the '90s, we thought it might be of interest to provide an overview of each of the nine colleges.

These summaries provide information on each college's administrators, faculty and students and showcase the new faculty talent Clemson is continuing to attract.

Of special note are the "Faculty Profile" sections compiled for each college from the "Clemson University List of Academic Staff, Fall Semester 1989-90."

Adjunct faculty are not included in the listings; visiting faculty are included.

Persons with administrative titles (such as "assistant dean") were not counted as faculty.

Additional sources are listed throughout.

Division of Agriculture and Natural Resources
College of Agricultural Sciences
Vice President/Vice Provost's Office, 101 Barre Hall
656-3015

Administration:

Milton B. Wise, *Vice President/Vice Provost for Agriculture & Natural Resources*
T. Ross Wilkinson, *Dean/Director for Resident Instruction*
James R. Fischer, *Dean of Research/Director of the S.C. Agricultural Experiment Station*
Byron K. Webb, *Dean/Director of the S.C. Cooperative Extension Service*
James H. Daniels, *Associate Dean for Administration and Development*

Faculty Profile:

Total faculty — 264
Named professors — 4
Professors — 147
Associate professors — 48
Assistant professors — 46
Instructors/lecturers — 19
(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile:

Undergraduates
Total enrollment — 529
Male — 365
Female — 164
Blacks — 12
Other minorities — 4
Freshmen — 166
Freshman SAT average — 915

Graduate students

Total enrollment — 265
Male — 179
Female — 86
Blacks — 5
Other minorities — 1
(source: Office of Admissions and Registration)

New Faculty for 1989-90:

Agronomy/Soils — Glen R. Bathke (Asst Prof), James J. Camberato (Asst Prof), James R. Frederick (Asst Prof), Paul M. Porter (Asst Prof). **Agricultural Economics and Rural Sociology** — David L. Barkley (Prof), Verne W. House (Prof). **Agriculture Education** — Curtis D. White (Asst Prof). **Aquaculture, Fisheries & Wildlife** — Robert E. Trost (Assoc Prof), Greg K. Yarrow (Asst Prof/Ext Wildlife Spec). **Entomology** — Karen C. Saucier (Asst Prof/Res Assoc). **Food Science** — Peter J. Vergano (Assoc Prof). **Horticulture** — William V. Baird (Asst Prof), Mary C. Halbrooks (Assoc Prof). **Poultry Science** — Jesse L. Grimes (Asst Prof), Imre Olah (Asst Prof). **Plant Pathology & Physiology** — S. Bruce Martin (Asst Prof).
(source: College of Agricultural Sciences)

Grants and Contracts Awards for 1988-89:

\$5,454,497.72
(source: Sponsored Programs Administration/Office of University Research)

College of Architecture
Dean's Office, 117 Lee Hall
656-3081

Administration:

James F. Barker, *Dean*
Lamar H. Brown, *Associate Dean*
Gayland Witherspoon, *Associate Dean*

Faculty Profile:

Total Faculty — 58
Named professors — 2
Professors — 19
Associate professors — 19
Assistant professors — 16
Instructors/Lecturers — 2
(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile:

Undergraduates
Total enrollment — 570
Male — 384
Female — 186
Blacks — 18
Other minorities — 12
Freshmen — 130
Freshmen SAT average — 1,113

Graduate students

Total enrollment — 156
Male — 115
Female — 41
Blacks — 7
Other minorities — 2
(source: Office of Admissions and Registration)

New Faculty for 1989-90:

Architectural Studies — Durham Crout (Asst Prof), Robert Lowrey (Lect), Matthew Rice (Asst Prof), Thomas Sammons (Asst Prof). **Building Science** — Greg Corley (Asst Prof), John Mumford (Asst Prof). **Landscape Architecture** — Frances Chamberlain (Asst Prof).
(source: College of Architecture)

Grants and Contracts Awards for 1988-89:

\$165,806.75
(source: Sponsored Programs Administration/Office of University Research)

College of Commerce and Industry
Dean's Office, 165 Sirrine Hall
656-3177

Administration:

Ryan C. Amacher, *Dean*
Jimmy D. Sheriff, *Associate Dean*
G. Richard Thompson, *Assistant Dean*

Faculty Profile:

Total faculty — 136
Named professors — 8
Professors — 35
Associate professors — 31
Assistant professors — 28
Instructors/Lecturers — 34
(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile:

Undergraduates
Total enrollment — 3,385
Male — 2,022
Female — 1,363
Blacks — 196
Other minorities — 40
Freshmen — 651
Freshmen SAT average — 1,010

Graduate students

Total enrollment — 475
Male — 310
Female — 165
Blacks — 14
Other minorities — 6
(source: Office of Admissions and Registration)

New Faculty for 1989-90:

Accounting — Jeannette C. Blackburn (Lect), G. Thompson Martin (Lect), Jean B. Price (Lect). **Economics** — John P. Sophocleus (Lect), Gerald P. Dwyer (Prof). **Marketing** — J. Norman Kangun (Head), Charles R. Duke (Asst Prof). **Management** — Thomas G. Christoph (Lect), Mark D. Hanna (Asst Prof), Astrid Lipp (Lect). **Textiles** — Douglas V. Rippy (Dir/Prof), S. Rose Matic (Asst Prof).
(source: College of Commerce and Industry)

Grants and Contracts Awards for 1988-89:

\$1,761,665.55
(source: Sponsored Programs Administration/Office of University Research)

College of Education
Dean's Office, 102 Tillman Hall
656-3485

Administration:

Gordon W. Gray, *Dean*
William E. West, *Associate Dean*

Faculty Profile:

Total Faculty — 75

Named professors — 2
Professors — 19
Associate professors — 17
Assistant professors — 28
Instructors/Lecturers — 9

(includes military science and aerospace studies)
(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile

Undergraduates

Total enrollment — 1,237
Male — 276
Female — 961
Blacks — 65
Other minorities — 13
Freshmen — 212
Freshmen SAT average — 975

Graduate students

Total enrollment — 1,380
Male — 317
Female — 1,063
Blacks — 118
Other minorities — 9

(source: Office of Admissions and Registration)

New Faculty for 1989-90:

Elementary and Secondary Education — Richard L. Blackburn (Head/Prof). Education — Jackson L. Flanigan (Assoc Prof), Dona M. Kagan (Assoc Prof), Joe L. Kincheloe (Prof), Larry J. Kortering (Asst Prof), Emma M. Owens (Asst Prof), David G. Pitner (Lect), Deborah J. Tippins (Asst Prof), George T. White (Assoc Prof), Mary Cathey White (Lect) and Joseph F. Yukish (Prof). Industrial Education — Debra C. Edwards (Inst), Nancy W. Leininger (Inst) and Julie M. Summers (Lect). Public Relations — Thomas I. Parks (Dir Ext Pub Rel/Assoc Prof). Media Center — Linda B. Rear-don (Coord of Media Center, Asst Prof).

(source: College of Education)

Grants and Contracts Awards for 1988-89:

\$344,717.69

(source: Sponsored Programs Administration/Office of University Research)

College of Engineering
Dean's Office, 109 Riggs Hall
656-3201

Administration:

J. Charles Jennett, *Dean*
A. Wayne Bennett, *Associate Dean for Research and External Affairs*
William B. Barlage Jr., *Associate Dean for Instruction*
Walter E. Castro, *Assistant Dean for Undergraduate Studies*
Jerry A. Whitmire, *Assistant to Dean*

Faculty Profile:

Total Faculty — 145

Named Professors — 10
Professors — 56
Associate professors — 40
Assistant professors — 28
Instructors/Lecturers — 11

(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile:

Undergraduates

Total enrollment — 3,132
Male — 2,540
Female — 592
Blacks — 277
Other minorities — 75
Freshmen — 812
Freshmen SAT average — 1,080

Graduate students

Total enrollment — 540
Male — 471
Female — 69
Blacks — 9
Other minorities — 5

(source: Office of Admissions and Registration)

New Faculty for 1989-90:

Bioengineering — Robert A. Latour (Asst Prof). Ceramic Engineering — Denis Brosnan (Assoc Prof). Chemical Engineering — James M. Haile (Prof), Douglas E. Hirt (Asst Prof). Civil Engineering — Scott Schiff (Asst Prof), James K. Nelson (Prof), Joseph Snyder (Asst Prof). Electrical and Computer Engineering — David Lubkeman (Assoc Prof), Ronnie Owens (Asst Prof), Edward R. Collins Jr. (Asst Prof). Mechanical Engineering — John B. Riester (Assoc Prof), Sherill Biggers (Assoc Prof).

(source: College of Engineering)

Grants and Contracts Awards for 1988-89:

\$6,521,776.44

(source: Sponsored Programs Administration/Office of University Research)

College of Forest and Recreation Resources
Dean's Office, 130 Lehotsky Hall
656-3215

Administration:

Benton H. Box, *Dean*
Robert H. Becker, *Associate Dean*

Faculty Profile:

Total Faculty — 58
Named Professors — 3
Professors — 22
Associate professors — 16
Assistant professors — 9
Instructors/Lecturers — 8
(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile:

Undergraduates
Total enrollment — 432
Male — 230
Female — 202
Blacks — 12
Other minorities — 5
Freshmen — 90
Freshmen SAT average — 901

Graduate students

Total enrollment — 77
Male — 51
Female — 26
Blacks — 2
Other minorities — 1
(source: Office of Admissions and Registration)

New Faculty for 1989-90:

Parks, Recreation and Tourism Management—
Lawrence R. Allen (Prof). **Forestry —** Steven M. Jones (Asst Prof).
(source: College of Forest and Recreation Resources)

Grants and Contracts Awards for 1988-89:

\$783,070.94
(source: Sponsored Programs Administration/Office of University Research)

College of Liberal Arts
Dean's Office, 108 Strode Tower
656-3263

Administration:

Robert A. Waller, *Dean*
Ronald W. Moran, *Assistant Dean*

Faculty Profile:

Total Faculty — 205
Named Professors — 7
Professors — 37
Associate professors — 60
Assistant professors — 62
Instructors/Lecturers — 39
(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile:

Undergraduates
Total enrollment — 1,564
Male — 600
Female — 964
Blacks — 79
Other minorities — 23
Freshmen — 399
Freshmen SAT average — 1,015

Graduate students

Total enrollment — 108
Male — 65
Female — 43
Blacks — 2
Other minorities — 1
(source: Office of Admissions and Registration)

New Faculty for 1989-90:

English — Sappho H. Charney (Instr), Beth Daniell (Asst Prof), John S. Rickard (Asst Prof), Lucy E. Rollin (Asst Prof), Lawrence Roy (Instr). **History —** Donald G. Nieman (Assoc Prof). **Spanish —** Gloria Bautista (Asst Prof) **French —** John C. Bednar (Asst Prof). **Language and International Trade —** Jose I. Suarez (Dir). **Speech —** John A. Knappenberger (Asst Prof). **Choral Activities —** Dan R. Rash (Dir). **Music—** Cynthia Scully (Asst Prof). **Psychology —** Debra A. King (Asst Prof), Barbara A. Reilly (Asst Prof). **Sociology —** Cynthia A. Rexroat (Asst Prof).
(source: College of Liberal Arts)

Grants and Contracts for 1988-89:

\$507,215.05
(source: Sponsored Programs Administration/Office of University Research)

College of Nursing

Dean's Office, 532 College of Nursing Building
656-2072

Administration:

Opal S. Hipps, *Dean*
Pam M. Kline, *Associate Dean*

Faculty Profile:

Total Faculty — 34
Named Professors — none
Professors — 2
Associate professors — 10
Assistant professors — 15
Instructors/Lecturers — 7

(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile:Undergraduates

Total enrollment — 305
Male — 13
Female — 292
Blacks — 25
Minority — 1
Freshmen — 77
Freshmen SAT average — 926

Graduate students

Total enrollment — 75
Male — none
Female — 75
Blacks — 4
Minority — none

(source: Office of Admissions and Registration)

New Faculty for 1989-90:

Nursing — Nancy Longcrier (Asst Prof), Kathy Nugent (Asst Prof), Rosanne Pruitt (Asst Prof), Portia Botchway (Lect), Cheryl Craig (Lect), Deborah Willoughby (Lect). Research — Mary de Chesnay (Head), Carol McKenzie (Asst Prof), Ron Alexander (Dir, Wellness Program).

(source: College of Nursing)

Grants and Contracts for 1988-89:

\$185,218.00

(source: Sponsored Programs Administration/Office of University Research)

**Division of Agriculture and Natural Resources
College of Sciences**

Dean's Office, 119 Kinard Lab of Physics
656-3472

Administration:

Bobby Wixson, *Dean*
Lewis M. Duncan III, *Associate Dean for Research*
Doris R. Helms, *Associate Dean for Instruction*

Faculty Profile:

Total Faculty — 199
Named professors — 4
Professors — 84
Associate Professors — 46
Assistant Professors — 44
Lecturers/Instructors — 21

(source: C.U. List of Academic Staff, Fall 1989-90)

Student Profile:Undergraduates

Total enrollment — 1,243
Male — 622
Female — 621
Blacks — 126
Minority — 30
Freshmen — 363
Freshmen SAT average — 1,041

Graduate students:

Total enrollment — 433
Male — 314
Female — 119
Blacks — 9
Other minorities — 6

(source: Office of Admissions and Registration)

New Faculty for 1988-89:

Biology Program — Jerry Waldvogel (Asst Prof), John Cummings (Lect). Biological Sciences — Jack Lilen (Head). Chemistry — Edith Parsons (Asst Prof). Computer Science — John Passafiume (Dir, Comp Facility), John McGregor (Dir Inst). Mathematical Sciences — Peter Nelson (Prof), Matthew Saltzman (Asst Prof), David Robinson (Asst Prof), Hong Sun (Asst Prof), Peter Kiessler (Asst Prof), Cynthia Harris (Lect), Michael Pisarcik (Lect), Ho-Won Jung (Lect). Physics & Astronomy — Donald Clayton (Prof).

(source: College of Sciences)

Grants and Contracts for 1988-89:

\$5,276,851.46

(source: Sponsored Programs Administration/Office of University Research)

Dates to remember:

Wednesday, Jan. 10
Classes begin.

Wrestling: Virginia. 7 p.m., Jervey Gym. Free. (656-2101)

Thursday, Jan. 11
Black Faculty/Staff Association meeting. 5 p.m., F-149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Men's Basketball: UNC-Asheville. 4 p.m., Littlejohn Coliseum. (656-2101)

Friday, Jan. 12
Seminar: "EPMS/Progressive Discipline." Free. (Personnel Services, 656-2426)

Saturday, Jan. 13
Women's Basketball: Wake Forest. 5 p.m., Littlejohn Coliseum. (656-2101)

Men's Basketball: Wake Forest. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Monday, Jan. 15
Men's Basketball: Georgia State. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Tuesday, Jan. 16
Last day to register or add a class.

Women's Basketball: Maryland. 7 p.m., Littlejohn Coliseum. (656-2101)

Seminar: "Introduction to Supervisory

Management." \$35. (Personnel Services, 656-2426)

Wednesday, Jan. 17
Lecture: "The Changing World of Leisure: Opportunities and Challenges" by John R. Kelly (prof, dept. of leisure studies, Univ of Illinois). 2 p.m., Lehotsky Auditorium (ground floor). (PRTM, Herb Stevens, 656-3400)

Men's Basketball: Western Carolina. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Thursday, Jan. 18
Colloquium Series Lecture: "Molecular Thermodynamics of Supercritical Fluid Processes" by Charles Eckart, Georgia Tech. 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

Friday, Jan. 19
New Employee Orientation. (Personnel Services, 656-2426)

Saturday, Jan. 20
Women's Basketball: N.C. State. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Men's Basketball: Hofstra. 5 p.m., Littlejohn Coliseum. (656-2101)

Monday, Jan. 22
Panel discussion: "Strangers in a Strange Land: International Students and Faculty at Clemson." 4 p.m., Jordan Room (Long Hall). (AAUP, Roger Rollin, 656-3030)

Women's Basketball: Radford. 7 p.m., Littlejohn Coliseum. (656-2101)

Tuesday, Jan. 23
Southern Circuit Film Series: "Long Shadows" by filmmaker Ross Spears. Examines the impact of the Civil War on American culture. 8 p.m., Y-Theater. Free. (Liberal Arts, Carol Ward, 656-5415)

Ridley receives public service award

A Clemson Extension Service fruit specialist has been awarded the 1989 Alumni Award for Distinguished Public Service.

John D. Ridley, widely known for his Extension educational programs for fruit growers statewide, is the recipient of the \$1,500 award.

Made possible by unrestricted gifts to the Loyalty Fund, the award is presented each December by the Clemson Alumni Association.

Ridley has worked closely with groups such as the S.C. Apple Growers Association and the S.C. Peach Council and Promotion Board to develop educational programs supportive of their special needs.

He currently serves as secretary of the apple growers association and as educational advisor to the peach council.

Ridley holds bachelor's and master's degrees in horticulture from Clemson.

He began work with the Clemson Extension Service in 1957 as an assistant agent in Laurens County.

He became an area horticulture agent based in Spartanburg County in 1968 and moved to the Clemson campus in 1974 as a horticulture instructor and Extension fruit specialist.

DAVID J. CROCKETT
TRUSTEE HOUSE
5606
NEWS SERVICES

Clemson Weekly is published by the Office of University Relations.

Editor, Clemson Weekly Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, Jan. 12, for Jan. 24 issue.**

Clemson

WEEKLY

Vol. 29, No. 22

Wednesday, Jan. 17, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

'Cutting Edge' projects get \$738,000

The University has distributed more than \$738,000 to faculty members for 1989-90 "Cutting Edge" projects in the second year of a statewide effort to fund research having an economic impact on South Carolina.

Of the amount awarded to Clemson by the state Legislature:

- \$200,000 went to engineering for composite materials research.

- \$99,680 went to researchers in environmental engineering to develop methods for cleaning up hazardous waste sites that are less expensive than today's technology;

- \$82,000 went to agricultural and biological scientists to develop a genetic database for improving agricultural production.

- \$79,000 went to engineering faculty studying a new method of quickly manufacturing prototypes using a technology called stereolithography.

- \$72,421 went to strengthen research efforts in biotechnology, a strong focus area and interdisciplinary effort involving faculty members from the Division of Agriculture and Natural Resources, the College of Sciences, and the College of Engineering.

- \$69,187 went to scientists working on a method to detect heat stress in plants and animals.

- \$50,000 went to the wildlife and environmental toxicology program to support research efforts that will lead to a better understanding of the effects pesticides and other chemicals have on wildlife and the environment.

- \$40,000 went to textiles researchers to study the structure of high-performance polymer

fibers used in automobile, aerospace, civil engineering and defense applications.

- \$25,000 went to the Strom Thurmond Institute to support architecture and agricultural economics researchers developing a geographic information system to study the state's infrastructural needs.

- \$25,000 went to researchers in management and mathematical sciences who are developing a computerized school bus routing system for the state's school districts.

The "Cutting Edge" funding for research was begun in 1988 by special state legislation to enhance the quality of education at the state's colleges and universities.

Have you made up for 'lost' time?

Since Gov. Carroll Campbell declared the state's hazardous weather policy in effect for three hours during late December, those state employees who didn't work those hours need to make them up.

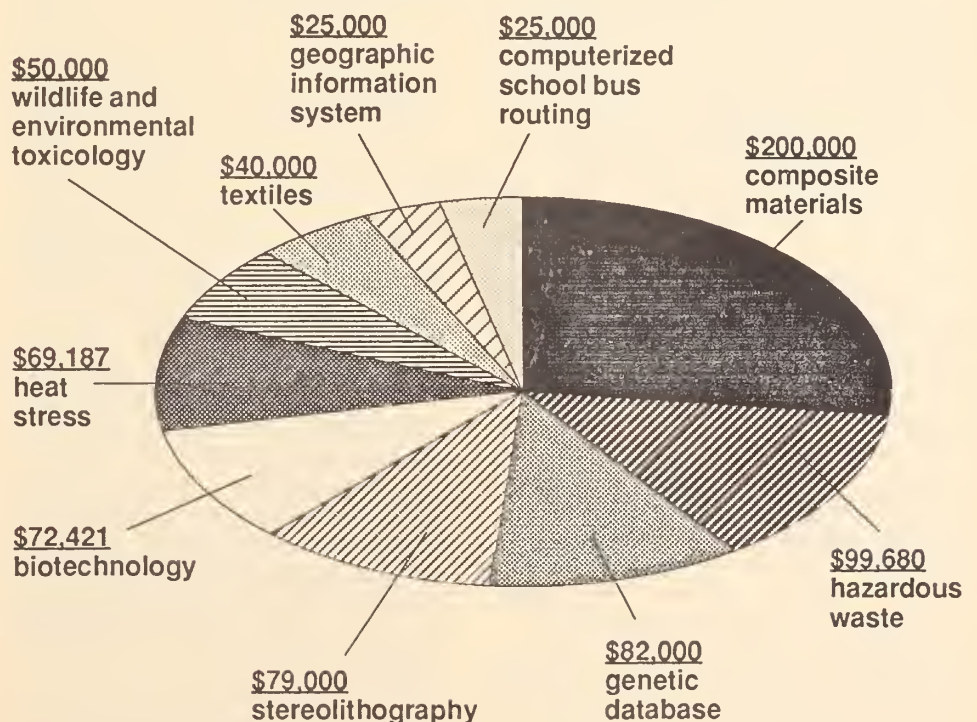
State offices were closed from 4 p.m. Dec. 18 to 10:30 a.m. Dec. 19.

While the governor is authorized to close or alter the schedules of state agencies, only the state Legislature can "forgive" missed work time.

As a result, employees can:

- 1 take annual leave;
- 2 take leave without pay;
- 3 make up the time (with supervisor's OK).

The Cutting Edge 1989-90



Departmental notes

Agricultural Chemical Services

Bob Lippert (Extension Lab Dir) presented "Demonstrations With Soils" at the 1989 S.C. Science Council conference in Columbia Nov. 3.

Chemistry

R.A. Abramovitch reviewed "Chemical Structure Software for Personal Computers" in the Journal of the American Chemical Society.

K. Dill (Assoc Prof) was invited to review manuscripts submitted for publication in Chemical Research in Toxicology.

Computer Science

David P. Jacobs (Asst Prof) received a grant of \$30,188 from the National Science Foundation for "Deciding Identities in Nonassociative Algebras With Dynamic Programming."

T.D. Korson (Asst Prof) presented "The Development and Use of Model Software Systems in Teaching the Object-Oriented Paradigm" at the International Eiffel User's group meeting in New Orleans Oct. 1.

Computer Systems and Operations

Dave Bullard (Dir) and Randy Sym-Smith (Northern Telecom Inc.) presented "Centrex Data Services" at the Business Service Marketing Forum.

Bullard and Vijay Shah (Northern Telecom Inc.) presented "Data With Centrex" at the DMS-100 Centrex User Group forum in San Diego.

Consulting and Technical Services

Ross Bazzle (Sys Prog) presented and published "Writing ALL-IN-1 Applications" for the Spring 1989 Digital Equipment Corporation Users Society symposium.

Sandi Piazza (Sys Prog) presented "Short Course Free-for-All" at SHARE 72 in Los Angeles. She also received the SHARE Inc. Advisory Council Book Award.

English

Richard J. Calhoun (Alumni Prof) published "James Dickey: A Poet of Reputa-

tion" in the winter issue of The Mississippi Quarterly.

Mark Charney (Asst Prof) presented "Witchcraft, Ellicit Passion and Corruption: Filming in The Big Easy" at the Popular Culture Convention of the South in Jacksonville, Fla.

Beth Daniell (Asst Prof) was elected to a three-year term on the Executive Committee of the Conference on College Composition & Communication.

Carol Johnston (Assoc Prof) published "Thomas Wolfe's First Triumph: 'An Angel on the Porch'" in the fall issue of The Thomas Wolfe Review.

Lucy Rollin (Asst Prof) was elected as member at large of the Popular Culture Association of the South at its annual meeting in Jacksonville, Fla., Oct. 5-7.

Rollin published "The Savage Mind of Gary Larson" in the fall issue of Studies in Popular Culture.

David Tillinghast (Assoc Prof) published "Contemporary Literary Criticism" on George Garrett in George Journal, Charleston Magazine and Mountain Home Companion.

Tillinghast read from "Contemporary Literary Criticism" at Loyola University, New Trier School in Chicago, Young Harris College, the College of Charleston, the Callanwolde Fine Arts Center and Eureka Springs High School.

Food Science

M.E. Kunkel (Assoc Prof), R.L. Thomas (Prof) and C.J. Walsh (Grad Stu) published "The Use of Metallic Ultrafiltration Membranes to Assess Calcium Availability in Vitro" in Food Chemistry.

John Surak (Prof) taught a "Statistical Process Control" short course for the Food Processing Industry in Greenville Aug. 1-3.

Surak presented "Hazard Analysis Critical Control Points and Statistical Process Control" at the Food Safety Pack '89 in Chicago in May.

Surak presented "Statistical Process Control," "Application of SPC Tools to Solve Problems" and "Utilizing the Computer For Data Analysis and Problem Solving" at the American Meat Institute short course on managing for quality assurance.

Surak presented "Quality Improvement and Statistical Process Control" at

the 15th annual convention of the Southeastern Food Processors Association.

Forestry

R.M. Allen (Prof) presided over the biennial meeting of the Association of Southern Forest Tree Physiologists in Bossier City, La., Aug. 12-15.

D.H. Van Lear (Prof), D.C. Guynn (Prof) and M.T. Mengak (former Grad Stu) published "Ecological Implications of Loblolly Pine Regeneration for Small Mammal Communities" in Forest Science.

R. Zahner (Prof), J.R. Saucier (S.E. For Exp Sta) and R.K. Myers (former Ag Sci Assoc) published "Tree-Ring Model Interprets Growth Decline in Natural Stands of Loblolly Pine in the Southeastern United States" in the Canadian Journal of Forest Research.

The following papers were published in the proceedings of the Fifth Biennial Southern Silvicultural Research Conference in Memphis, Tenn., Nov. 1-3, 1988:

R.L. Hedden (Prof), R.M. Allen (Prof) and V.B. Shelbourn (Staff For) published "The Relationship of Leaf Area to Sapwood Area in Loblolly Pine as Affected by Site, Stand Basal Area and Sapwood."

Hedden, T.M. Williams (Assoc Prof), C.A. Gresham (Assoc Prof) and E.R. Blood (USC) published "Impact of Southern Pine Beetle Infestation on Nutrient Retention Mechanisms in Loblolly Pine."

Hedden published "Global Climate Change: Implications for Silviculture and Pest Management."

C.L. Lane (Prof) and J.L. Askew (former Res For) published "Waxmyrtle in a Coastal Plain Loblolly Pine Stand."

A.E. Miller (Asst Prof), R.K. Reid (former Grad Stu) and H.M. Williams (Univ of Ala) published "Effects of Shade on the Growth Potential of Outplanted Yellow-Popular and Sweetgum Seedlings."

L.E. Nix (Assoc Prof) published "Early Release of Bottomland Oak Enrichment Plantings Appear Promising in South Carolina."

Van Lear, Guynn and Mengak published "Impacts of Loblolly Pine Regeneration on Selected Wildlife Habitat Components."

Zahner and Saucier published "Twenty-five Years of Climate-Related Growth Trends for Natural Stands of Loblolly Pine in Central Georgia."

Zahner published "Tree-Ring Series Related to Stand and Environmental Factors in South Alabama Longleaf Pine Stands."

History

Richard M. Golden (Prof) was a commentator on "Military and Political Culture Under Louis XIII" at the annual convention of the Western Society for French History in New Orleans Oct. 20.

Golden reviewed "Renaissance and Revolt: Essays in the Intellectual and Social History of Early Modern France" and "Inquisition and Society in Early Modern Europe" in Religious Studies Review.

Jerome V. Reel (Prof) published "Clemson University" in the Encyclopedia of Southern Culture.

Industrial Engineering

Joel Greenstein (Assoc Prof) and **Anish Baijal** (former Grad Stu) presented "An Investigation of Techniques for Occasional Numeric Data Entry" at the 33rd annual meeting of The Human Factors Society in Denver Oct. 16-20.

Instruction (Nursing)

Becky Campbell (Asst Prof) presented "The Experience of Weight Management: A Phenomenological Study" at the Southern Nursing Research Society Meeting in Austin, Texas, Feb. 25.

Languages

Edwin P. Arnold (Assoc Prof, German) presented "Internship Development in Clemson University's Language and International Trade Program: The Dream and the Reality" at the Mountain Interstate Foreign Language Conference at Clemson University, Sept. 28-30.

Harry E. Stewart (Prof, French) and **Rob Roy McGregor** (Prof, French) published Jean Genet: A Biography of Deceit 1910-1951.

Helene M. Riley (Prof, German) published "Catharina von Greiffenberg: Protestant Clarion in the Habsburg Empire" as a chapter for Women Writers of the Seventeenth Century.

Jose I. Suarez (Assoc Prof) presented "Sebastianism and Teixeira de Pascoaes: O Rei da Saudade" at the IV International Meeting on Portugal at the University of

New Hampshire in Durham, N.H., Sept. 22.

Suarez reviewed Cancioneiro de Pero da Ponte in the fall-spring 1988-89 issue of Cantigueiros.

Suarez attended "U.S.- European Trade: How the 1992 Reforms Affect American Business" at the University of South Carolina in Columbia Oct. 11-13.

Management

R.L. LaForge (Prof) presented "Teaching Operations Management with MAPICS" at the IBM Business School Computing Conference in Columbia Sept. 28.

LaForge and **Samir Barman** (Univ of Okla) published "Performance of Simple Priority Rule Combinations in a Flow-Dominant Shop" in the Production and Inventory Management Journal.

John J. Kanet (Prof) presented "Beyond MRP-II: The New Manufacturing Logistics" at the American Production and Inventory Control Society's Region 3 annual conference in Pittsburgh Sept. 28.

Kanet served as a panel member for "Manufacturing Systems for the 1990s: North America, Europe, Japan" at the American Production and Inventory Control Society's 32nd international conference in Orlando Oct. 27.

Kanet helped organize an "International Workshop on Real-Time Scheduling" held at Cornell Oct. 19-20.

Kanet attended "Operations Research and Productivity in Manufacturing" at Columbia University in New York Oct. 13.

Kanet presented a program on Clemson University's research in advanced manufacturing planning and control systems to the Manufacturing Systems Research Group of Philips Laboratories in Briarcliff, N.Y., Oct. 12.

Kanet attended the ORSA/TIMS joint national meeting, organized a session "New Developments in Manufacturing Planning and Scheduling," and presented "The Leitstand: A New Tool in Computer Aided Manufacturing Scheduling" with H.H. Adelsberger (TU Denmark) and "Quick Response Planning and Scheduling" with J.S. Davis (Assoc Prof) in New York Oct. 16-18.

Mechanical Engineering

J.L. Gaddis (Prof) and **Sandip Datta** (Grad Stu) presented "Polarization Adjacent to an Inhomogeneous Membrane" at the Sixth Symposium on Separation Science and Technology for Energy Applications in Knoxville, Oct. 23.

News Services

Robin DeLoach (Univ News Ed) was elected chairman of the professional development committee for the Carolinas Association of Business Communicators at its fall conference in Fairfield-Sapphire Valley, N.C., Sept. 17-19.

Nursing

Jeri Milstead (Asst Prof) received the 1989 Award for Excellence in Nursing, from the Gamma Mu Chapter of Sigma Theta Tau International.

Milstead represented the southeastern United States as a respondent to President's Commission on Nursing, Final Report, National Council of State Boards of Nursing convention in Chicago, Aug. 1-5.

Sara E. Barger (Head, Prof Dev/Serv) was inducted as a Fellow of the American Academy of Nursing at its annual meeting in Denver, Oct. 16.

Parks, Recreation and Tourism Management

M. Uysal (Assoc Prof) and **C.D. McDonald** (Assoc Prof) published "Visitor Segmentation by Trip Index" in the Journal of Travel Research.

Uysal and **J.T. O'Leary** (Purdue Univ) published "Ethnic Marketing" in the International Journal of Tourism Management.

Uysal, **S. Pyo** (Korea) and **B. Mihalik** (Georgia State Univ) published "Attraction Attributes and Motivations: A Canonical Correlation Analysis" in Annals of Tourism Research.

Performing Arts

Lillian U. Harder (Assoc Prof) presented "Principles of Good Piano Playing" to the Sumter Piano Teachers Association Oct. 17.

Harder spoke to the Lower Piedmont Music Teachers Association in Anderson, Oct. 10.

Dates to remember:*Wednesday, Jan. 17*

Lecture: **"The Changing World of Leisure: Opportunities and Challenges"** by John R. Kelly (prof, dept. of leisure studies, Univ of Illinois). 2 p.m., Lehotsky Auditorium (ground floor). (PRTM, Herb Stevens, 656-3400)

Men's Basketball: Western Carolina. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Thursday, Jan. 18

Colloquium Series Lecture: **"Molecular Thermodynamics of Supercritical Fluid Processes"** by Charles Eckart, Georgia Tech. 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

Friday, Jan. 19

New Employee Orientation. (Personnel Services, 656-2426)

Saturday, Jan. 20

Symposium: **"Women's Voices in the New South."** 1:30 p.m., Daniel Auditorium. (English dept., Mark Winchell, 656-3229)

Women's Basketball: N.C. State. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Men's Basketball: Hofstra. 5 p.m., Littlejohn Coliseum. (656-2101)

Monday, Jan. 22

Panel discussion: **"Strangers in a Strange Land: International Students and Faculty at Clemson."** 4 p.m.,

Jordan Room (Long Hall). (AAUP, Roger Rollin, 656-3030)

Women's Basketball: Radford. 7 p.m., Littlejohn Coliseum. (656-2101)

Tuesday, Jan. 23

Southern Circuit Film Series: **"Long Shadows"** by filmmaker Ross Spears. Examines the impact of the Civil War on American culture. 8 p.m., Y-Theater. Free. (Liberal Arts, Carol Ward, 656-5415)

Wednesday, Jan. 24

Women's Basketball: Georgia Tech. 7 p.m., Littlejohn Coliseum. (656-2101)

Thursday, Jan. 25

Men's Basketball: Georgia Tech. 9 p.m., Littlejohn Coliseum. (656-2101)

Saturday, Jan. 27

Women's Basketball: North Carolina. 7 p.m., Littlejohn Coliseum. (656-2101)

Monday, Jan. 29

Concert Series: **National Arts Centre Orchestra of Canada.** 8 p.m., Tillman Auditorium. Free for students, \$7 adults, \$4 youth. For tickets call the Union Box Office at 656-2461. (Performing Arts, 656-3043)

Women's Basketball: Duke. 7 p.m., Littlejohn Coliseum. (656-2101)

Tuesday, Jan. 30

Last day to order diploma.

Wednesday, Jan. 31

Utsey Chamber Series: **William Kanengiser (Guitarist).** 8 p.m., Daniel Hall Auditorium. Free. (Performing Arts, 656-3043)

Thursday, Feb. 1

Performing Artist Series: **"A Soldier's Play"** (basis for the film "A Soldier's Story"). 8 p.m., Tillman Auditorium. \$6 students, \$8 public. (University Union/ Alumni Association, 656-2461)

Lecture: **"Neural Computing Applications in Chemical Process Systems"** by Tom McAvoy, University of Maryland. 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

Travel to the Caribbean this semester

The holidays are over; you've only been back at work a couple of weeks, and you can tell already that you're going to need another vacation very soon.

If you fit this description, you'll probably be interested in the Alumni Association's trip to the Caribbean this March — specifically, to Clemson's Archbold Tropical Research Center in Dominica March 22-29.

"Dominica has been described as the 'Nature Island' of the Caribbean," says Myra Cochnar, Alumni Association marketing director.

"Participants will stay in a colonial-style guest house on the center grounds and will visit the island's tropical rainforests, rugged mountains, and spectacular waterfalls," she says. In addition, Cochnar says the Clemson group will visit local villages and indian reservations.

However, if you want to go, Cochnar says you need to let the Alumni Association know now because a limited number of spaces are available.

For details, call 656-2345.

JOHN M FORD
TRUSTEE HOUSE
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NEWS SERVICES

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, Jan. 19, for Jan. 31 issue.**



Clemson

WEEKLY

Vol. 29, No. 23

Wednesday, Jan. 24, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Staff Commission news:

Budget targets \$1.7 million for raises

The administration has projected some \$1.7 million in faculty and staff compensation for fiscal year 1990-91, Vice President for Business and Finance David Larson said at the January meeting of the Commission on Classified Staff Affairs.

Clemson's budget projections for 1990-91 include \$1 million in faculty salary enhancements while classified staff estimates include approximately \$700,000 through reclassifications, reallocations and salary adjustments. (*see sidebar*)

"One way or another, we're going to move classified staff salaries up," Larson told the Commission. "Since the state does not allow state agencies to provide merit raises, we are going to have to aggressively pursue the options that are available to us to increase

compensation.

"Obviously, this won't take care of everyone each year, but over time, classified staff salaries will move up."

Larson said the number of requests for reclassifications, reallocations and salary adjustments during the first six months of this year exceeded 600.

"Over the past three years, we've tripled the number of staff in our wage and salary administration office because we're moving more requests through the state system than ever before.

"We also have progressed from setting aside \$250,000 three years ago for classified staff salary adjustments to some \$700,000 next year. That's a commitment that we're going to do our best to continue."

Clemson Senate similar to USC's

The faculty senates at Clemson and the University of South Carolina are similar, and by working together, both groups stand a better chance of improving faculty welfare, said the chairman of the USC Faculty Senate.

Faculty Senate News

In an address to Clemson's Faculty Senate, German Professor Gunther Holtz said, "I think today more than ever Clemson and USC should strive to work together. And in that effort, the two senates can

play a vital role."

That role begins with the exchange of ideas, Holtz said, adding that the USC senate would be willing to work on interests of mutual concern, such as fringe benefits and summer school salaries.

"We (the two groups) are not that different actually," he said. "We each have CHE and the

(*see Senate on p.3*)

A raise by any other name...

When you talk about increasing salaries for classified staff, here are three terms to remember:

Reclassifications

- affect positions
- are initiated by department
- occur because the position's duties change
- change positions to a different title and grade (usually upward)

Example: if a position takes on additional responsibility, the position can be moved to a more appropriate title and grade (with approval from the University and the state).

Reallocations

- affect a class of positions
- are initiated by the state or Wage and Salary Administration
- occur as the result of a state-wide occupational study
- change all positions with a particular title to a different grade (usually upward) — job descriptions may be required to be updated

Example: if the state conducts a market survey and finds the entry level for a particular class to be low (compared to the going market rate) that class may be changed to a new grade that is market-competitive.

Special salary adjustments

- affect individuals
- are initiated by department
- occur to correct salary inequities or may be used if duties have changed but not enough to warrant a reclassification (dependent on other factors)

• do not change grades

Example: if a person has worked nine years and makes \$15,000, and the state average for a person in that job classification (with nine years of state service) makes \$17,000, the state will consider a special salary adjustment.

For the record...

In the Jan. 10 *Clemson Weekly*, we incorrectly listed the College of Sciences as a unit of the Division of Agriculture and Natural Resources.

Sciences Dean Bobby Wixson has assured us that his college is still a part of the Division of Academic Affairs.

We sincerely regret the error.

Briefly

Baseball deadline

Friday, Feb. 9, is the deadline for ordering season ticket packages for Tiger baseball.

Packages are \$50 each and include tickets for all 33 home games, passes for preferred parking, weekly press releases and an invitation to a pre-season cookout with the team.

General admission seating for faculty and staff members and their immediate families is still free; however, many seats in the baseball stadium have been reserved for these packages.

To reserve your season ticket package, call the Athletic Ticket Office at 656-2118.

Free computer courses

The consulting and technical services department is sponsoring free short courses this spring on using personal computers, the NAS mainframe, communications and networking, the VAX, and supercomputing.

To register or to get a complete schedule, call the CTS help desk at 656-3494.

Sullivan awards

Tuesday, Feb. 20, is the deadline for nominations for this year's Algernon Sydney Sullivan Awards.

Nominations with supporting documents should be sent to the University Scholarships and Awards Committee in care of:

*The Honors Office
Room 532
Clemson House.*

Each year, the committee selects a senior male student, a senior female student and a nominee from the campus or community.

Sullivan Awards are pre-

sented to qualified nominees for selfless service without compensation to an organization, an agency, the campus or community.

For details, call Honors Director Jack Stevenson at 656-4762.

Nominate safe drivers

Supervisors: Here's your chance to brag on your employees.

Look for a memo from the risk management and safety department calling for nominations for the 1989 state safe driver awards.

If your employees have safely operated state vehicles this past year (and if they meet other state criteria), they are eligible for these awards.

Send in your nominations to risk management and safety by Thursday, Feb. 8.

For details, call 656-3365.

Cholesterol screenings

Now is a good time — since February is heart month — to get your cholesterol tested.

During February, the Nursing Center in the College of Nursing will offer cholesterol testing for \$5 (\$2 off the regular price).

To learn more about your cholesterol number and what it means, call the Nursing Center at 656-3076 for an appointment.

New Commission members

The Commission on Classified Staff Affairs has some new members.

They are:

- Gary Lemmon, in a new seat, representing the Institute of Wildlife and Environmental Toxicology in the Division of Agricul-

ture and Natural Resources; and

- Lynn Belding, who replaces Herb Stevens as the representative from Forest and Recreation Resources. (Stevens has taken a non-classified position with the parks, recreation and tourism management department).

James Blanding, representative from facilities maintenance and operations in the Division of Business and Finance, has left the Commission. An election has yet to be held.

CPR classes

The Nursing Center in the College of Nursing will offer a pair of CPR (cardio-pulmonary resuscitation) classes in February.

The first class, to be held Feb. 5 and Feb. 7, 6-8 p.m., includes certification in one-person CPR, infant CPR and choking prevention.

The second class, to be held Feb. 21 and Feb. 22, 7-9 p.m., will cover CPR and choking prevention for children and infants.

The cost is \$15 per person, and you must register in advance. Participants will receive American Heart Association certification.

To register, call the Nursing Center at 656-3067.

Drop dates

To clarify the resolution from the Faculty Senate's December meeting: The Senate has asked the administration to reschedule the academic calendar so that the last drop date for classes occurs before the last day to add a class.

With the drop date scheduled first, space in previously closed-out classes could be freed up, thereby allowing other students who need those courses to get in.

Senate (cont. from p. 1)

NCAA around our necks; we each have administrations, and I'm sure neither of us ever has enough money."

While Clemson's senate is older (founded in 1956; USC's was founded in 1970), the USC senate is much larger, with some

133 members representing the entire USC system (Clemson has 35 members).

In other business:

- Contributions to the Centennial Professorship have increased during the past month, bringing the total to \$65,735.

- Mechanical Engineering Professor Marvin Dixon will replace Professor James Goree on the Centennial Professorship selection committee.

- The Senate's scholastic policies committee will review the recent S.C. Commission on Higher Education decision to direct state colleges and universities to stop providing credit for developmental (remedial) coursework.

The Senate's next meeting will be Tuesday, Feb. 13, at 3:30 p.m. in the Senate Chambers. All faculty are invited.

Departmental notes

Physics and Astronomy

Dick Manson (Prof) was awarded the 1989 Humboldt Prize by the Alexander von Humboldt Foundation. The award is presented by the West German government to senior U.S. researchers in the natural sciences and engineering.

Plant Pathology and Physiology

O.W. Barnett (Prof) was elected president of the American Phytopathological Society (APS).

Barnett, B.B. Reddick (former Grad Stu), P.M. Burrows (Prof, Exp Stat) and L.W. Baxter (Prof) published "Characterization of Dogwood Mosaic Nepovirus from Cornus Flordia" in the September issue of Phytopathology- An International Journal.

N.D. Camper (Prof) and Sandra K. McDonald (former Grad Stu) published "Tissue and Cell Cultures as Model Systems in Herbicide Research" in Reviews of Weed Science.

Professional Services (Nursing)

Ron Alexander (Dir, Wellness Prog) was chosen as a National Teaching Excellence Award Winner by the University of Texas at the 11th Annual International Conference on Teaching Excellence in Austin in May.

Janet Timms (Vstg Instr) presented "University/Community Partnerships: Development of a Faculty-Administered Community Nursing Service in a Retirement Community" at these meetings: "Focus on Function" at Cambridge University in Cambridge, England, Aug. 22; the 1989 Summer Geriatric Institute at the University of Kentucky, Lexington, July 26; and the Fourth Annual Gerontological Nursing Research and Clinical

Conference in Columbia, April 21.

Political Science

Michael A. Morris (Prof) wrote The Strait of Magellan, the eleventh book in the series sponsored by the Center for the Study of Marine Policy at the University of Delaware.

Morris presented "Great Power Military Relations in the Southern Cone" at the XV International Congress of the Latin American Studies Association in Miami Dec. 4-6.

Morris was a panelist on "Getting Published in a State Political Science Journal: Editorial Perspectives" at the 1989 annual meeting of the American Political Science Association Aug. 31-Sept. 3

Psychology

T.R. Alley (Assoc Prof) presented "Sex Differences in Selection Pressures on Parental Behavior" at the Male Parenting: Evolutionary Perspectives Symposium at the biennial meeting of the Society for Research in Child Development in Kansas City, April 28.

Alley presented "The Beauty-is-Good Stereotype and Beyond: Facial Stereotyping and its Implications for Dental-Facial Treatment" to the third National Conference on Behavioral Dentistry Research in San Antonio, Texas, in May.

Alley and K.A. Torbahn (Stu) presented "The Perception of Facial Aging By Preschool Children: Detection of Age and an Age-Related Social Affordance" at the fifth International Conference on Even Perception and Action at Miami University in Oxford, Ohio, July 24-28

Sociology

Brenda J. Vander Mey (Assoc Prof) will serve a second term on the Editorial Advisory Board of Sociological Inquiry.

New appointments

Some recent University appointments include:

Jack Lilien, *biological sciences department head*

Lilien is a former professor and chairman of the zoology department of the University of Wisconsin in Madison. He has conducted research on the roles cell surface molecules play in organizing the nervous system.

Lilien earned his bachelor's degree from the University of Southern California and his doctorate from the University of Chicago.

Eric Snider, *director of Continuing Engineering Education in the College of Engineering*

The former director of engineering development with Engineering-Science Inc. in Atlanta, Snider will coordinate and plan workshops and symposia to keep engineers throughout the region abreast of technological innovations and developments.

He is a Clemson graduate with a bachelor's degree in chemistry and master's and doctoral degrees in chemical engineering.

Dates to remember:*Wednesday, Jan. 24*

Women's Basketball: Georgia Tech. 7 p.m., Littlejohn Coliseum. (656-2101)

Thursday, Jan. 25

Clemson Chapter of the S.C. State Employees Association meeting. Noon, 109 McAdams Hall. All employees welcome. (Terry Skrocki, 656-4717)

Men's Basketball: Georgia Tech. 9 p.m., Littlejohn Coliseum. (656-2101)

Friday, Jan. 26

Lecture: "Mental Representation and Moral Philosophy" by Stephen P. Stich (professor, Rutgers University). 3:30 p.m., 200 Hardin Hall. (Philosophy and Religion Dept., 656-2584)

Saturday, Jan. 27

Women's Basketball: North Carolina. 7 p.m., Littlejohn Coliseum. (656-2101)

Dinner-dance benefit for the Oconee Community Theatre (whose facility was destroyed by fire last year). 6:30 p.m., Clemson Ramada Inn. Big-band music provided by the Orange Jam Band. \$30 each; \$60 per couple. (Linda Brune, 944-1548 or Doreen Coutu, 882-0440)

Monday, Jan. 29

Concert Series: National Arts Centre Orchestra of Canada. 8 p.m., Tillman Auditorium. Free for students, \$7 adults, \$4 youth. For tickets, call the Union Box Office at 656-2461. (Performing Arts Dept., 656-3043)

Women's Basketball: Duke. 7 p.m., Littlejohn Coliseum. (656-2101)

Tuesday, Jan. 30

Last day to order diploma.

Defensive Driving Class. 8 a.m.-4:30 p.m., FMO Conference Room. (Risk Management and Safety, Freddie Harbin, 656-3365)

Wednesday Jan. 31

Seminar: "Telephone Usage." 10-11 a.m., Senate Chamber. Dial '0' to register. Need to bring telephone feature instruction guide to class. (Telecommunications Dept., Zelda Rankin, 656-2601)

Defensive Driving Class. 8 a.m.-4:30 p.m., FMO Conference Room. (Risk Management and Safety, Freddie Harbin, 656-3365)

Utsey Chamber Series: William Kanengiser (Guitarist). 8 p.m., Daniel Auditorium. Free. (Performing Arts, 656-3043)

Thursday, Feb. 1

Performing Artist Series: "A Soldier's Play" (basis for the film "A Soldier's Story"). 8 p.m., Tillman Auditorium. \$6 students, \$8 public. (University Union/Alumni Association, 656-2461)

Lecture: "Neural Computing Applications in Chemical Process Systems" by Tom McAvoy (University

of Maryland). 2 p.m., 100 Earle Hall. (Chemical Engineering Dept., 656-2621)

Friday, Feb. 2

New Employee Orientation. (Personnel Services, 656-2426)

Saturday, Feb. 3

Men's Basketball: South Carolina. 5 p.m., Littlejohn Coliseum. (656-2101)

Monday, Feb. 5

Lecture: "The Battle for Equality" by Sarah Weddington (prosecuting attorney in Roe v. Wade, and law professor at the University of Texas). 1:30-2:45 p.m., Thurmond Institute Auditorium. (Women's Studies Committee/Panhellenic Association/Calhoun College, 656-4762)



PHOTO BY PATRICK WRIGHT

English Professor Dixie Goswami was recognized recently with the Class of '39 Faculty Award for Excellence.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of University Relations.

Editor, *Clemson Weekly* Mark Ford

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Clemson

WEEKLY

Vol. 29, No. 24

Wednesday, Jan. 31, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY



PHOTO BY PATRICK WRIGHT

Do we *really* have a quiz today?

President Max Lennon (left) was one of several administrators who returned to class recently during a half-day exchange program with students. Here, he sits in on sophomore Brian Szymkowski's 9:05 a.m. calculus class. While Lennon and others were busy taking notes, Szymkowski and fellow students got to "run the show" as administrators as part of a United Way fund-raiser.

Students, administrators switch places for United Way

As part of a student project to raise money for the United Way, 21 faculty and staff members and administrators pulled a half-day "switcheroo" with students Friday, Jan. 19.

In an event sponsored by Student Government, approximately 400 students bought tickets (10 for \$1) for the chance to change

places with participating administrators.

"Switch day" began at 7:30 a.m. with coffee and doughnuts in the President's Boardroom in Sikes Hall. Employees, dressed as students (more or less), then headed to class, while the students, dressed as their counterparts would, handled their

office schedules. At noon, participants met at the Alumni Center to share their experiences.

Here's what some of them had to say:

• "It was nostalgic," says Provost David Maxwell, who attended classes in electrical engineering, physics and geology.

In engineering, Maxwell found that Ohm's law still holds and that computing the elements in a Wheatstone bridge is still challenging. In physics, he got to ponder an energy wave equation,

(see *Switch* on p.3)

United Way surpasses \$60,000 goal

The University's United Way campaign has passed its \$60,000 goal by some \$2,500, with final contributions still trickling in, says campaign Chairman Jim Daniels.

The results are especially gratifying because many upstate residents dug deeper this year to help victims of Hurricane Hugo, says Daniels.

Proceeds go to the county designated by the giver.

As a result, Pickens County will get \$36,537; Oconee County, \$14,340.77; and Western Foothills (Anderson and Abbeville counties), \$8,331.80.

In those three areas, United Way provides funding to 93 different charitable organizations. Other counties will get \$3,327.

Time to sign up

Personnel services is offering staff development seminars on "Business Writing" and "Team Building" in February. For details, call 656-2426.

Dates to remember:*Thursday, Feb. 1*

Meeting: **Clemson Chapter of Professional Secretaries International.** Noon, Clemson House Gold Room. Speaker is Hannah Dias, RN from the HeartLife program at Greenville Memorial Hospital. (Sandra Davis, 656-0161)

Performing Artist Series: **"A Soldier's Play"** (basis for the film "A Soldier's Story"). 8 p.m., Tillman Auditorium. \$6 students, \$8 public. (University Union/ Alumni Association, 656-2461)

Lecture: **"Neural Computing Applications in Chemical Process Systems"** by Tom McAvoy (University of Maryland). 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

Friday, Feb. 2

New employee orientation. (Personnel Services, 656-2426)

Saturday, Feb. 3

Men's Basketball: South Carolina. 5 p.m., Littlejohn Coliseum. (656-2101)

Monday Feb. 5

Lecture: **"The Battle for Equality"** by Sarah Weddington (prosecuting attorney in Roe v. Wade and law professor at the University of Texas). 1:30 p.m., Thurmond Institute Auditorium. (Women's Studies Committee/ Panhellenic Association/Calhoun College, Jack Stevenson, 656-4762)

Lecture: **"Lawyers as Leaders"** by Sarah Weddington (prosecuting attorney,

Roe v. Wade). 3:30 p.m., Thurmond Institute Auditorium. (Political Science Dept./ Calhoun College, Jack Stevenson, 656-4762)

President's Honors Lecture: **"Leadership: You Can Make a Difference"** by Sarah Weddington (prosecuting attorney, Roe v. Wade). 8 p.m., Lyles Auditorium, Lee Hall. (Calhoun College, Jack Stevenson, 656-4762)

Feb. 5-6

Registration for the 2nd Slim Down Challenge. Free t-shirts to the first 15 teams to register for this 6-week program. \$5 per person, \$25 per team. (Wellness Program, Ron Alexander, 656-5479)

Tuesday, Feb. 6

Last day to withdraw from class or the University without record.

Feb. 6-7

Seminar: **"Business Writing."** \$30. (Personnel Services, 656-2426)

Wednesday, Feb. 7

Women's Basketball: Georgia. 7 p.m., Littlejohn Coliseum. (656-2101)

Thursday, Feb. 8

Deadline for nominating 1989 safe drivers. (Risk Management and Safety, 656-3365)

Meeting: **Black Faculty/Staff Association.** 5 p.m., F-149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Switch (cont.)

and in geology he witnessed his professor laying the groundwork for a discussion of Darwin's theory. "I was so impressed, I may ask to go back to see how it turns out," he says.

Maxwell's counterpart, freshman Rodney Raikes, did such a "superb job by all accounts," says Maxwell, "that I was worried about my job security."

• **"I didn't 'glaze over,'"** says Residential Life Director Verna Howell, a former English major who attended classes in electrical engineering and mechanical engineering. "However, it quickly reminded me of the amount of concentration it takes to sit through a 50-minute class, especially if you have two back-to-back."

Howell says she felt more confident in class "the second time around," but that she also felt "very anonymous — like a stranger. I could see how a transfer student could feel alone here — Clemson is so large, it can be overwhelming."

Howell says she would urge other students and employees to try the exchange. "It was a boundary-breaking experience," she says.

• **"It was good to get back in class again,"** says Alumni Director Debbie DuBose. "I was an English major when I went to school here, so I felt right at home in Harold Woodell's Southern literature class." (Woodell, incidentally, taught DuBose several years earlier.)

What most impressed her, she says, was the interaction between the students and the professor. "I don't remember my classes being that vocal and creative," she says.

Of the experience, she says, "I thoroughly enjoyed it, and I would definitely do it again."

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Editor, *Clemson Weekly* Mark Ford

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Clemson

WEEKLY

Vol. 29, No. 25

Wednesday, Feb. 7, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Trustees hail administration's efforts during transition

At its Jan. 26 meeting, the Board of Trustees supported the administration's handling of Danny Ford's resignation as head football coach and welcomed new head coach Ken Hatfield.

"We know this has been a difficult time, but we also think the administration has handled this situation in an exemplary manner," said chairman Louis Batson.

President Max Lennon told the Board that he and other administrators appreciated its support, as well as that of campus groups such as the Faculty Sen-

ate and Council of Academic Deans.

"We now need to focus our attention on the future," said Lennon. "We have in Ken Hatfield one of the nation's top leaders, and one who represents all that intercollegiate athletics is supposed to be."

The bulk of the Trustee's meeting was devoted to reports on the three intensive self-study efforts currently under way.

A strategic planning group is developing both programmatic and budgetary priorities for the

1990-91 year as a further refinement of Clemson's Second Century plan.

Coinciding with that effort is a two-year self-study project required for reaccreditation by the Southern Association of Colleges and Schools.

In addition, the Commission on Higher Education is asking universities to develop methods for measuring institutional effectiveness.

In other business:

- the Board approved a slate of mail ballots, including one awarding a \$3.6 million contract to Macco Contracting Inc., for construction of a livestock show and sale arena;

- a resolution honoring Board member Marion Smith, who died in 1989, was presented to members of the Smith family in a special ceremony at the beginning of the board meeting.



PHOTO BY DAVE LEWIS

Making a lasting impression —

Workers from Kennemore Brick and Construction Co. imprint the first of approximately 3,000 names in the Centennial Class Sidewalk between the Calhoun Mansion and the Trustee House. Barring very cold weather, the sidewalk should be completed in about five weeks.

1,819 make honor rolls

More than 1,819 students achieved exemplary academic status on Clemson University's honor rolls for the fall 1989 semester.

The President's List, which honors full-time students with perfect 4.0 (all A's) grade point averages for the semester, includes 440 students.

The Dean's List, the honor roll for full-time students with semester grade point averages between 3.5 and 3.99, has 1,379 students.

There were 12,563 full-time undergraduates enrolled at Clemson for the 1989-90 academic year.

Dates to remember:Wednesday, Feb. 7

Lecture: "The Making of the S.C. Landscape" by Charles F. Kovacic (professor of geography, USC). 3:30 p.m., 200 Hardin Hall. (History Dept./Lawrence Estaville, 656-5359)

Women's Basketball: Georgia. 7 p.m., Littlejohn Coliseum. (656-2101)

Short Course: "ISPF Mail." 9 a.m., 111 Daniel Hall. (CTS Help Desk, 656-3494)

Short Course: "Why Do I Need JCL?" 1:30 p.m., 19 Poole Agricultural Center. (CTS Help Desk, 656-3494)

Thursday, Feb. 8

Meeting: Black Faculty/Staff Association. 5 p.m., F-149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Lecture/performance: "Hot, Sexy and Safer: A Provocative, Explicit and Zany Celebration of Safer Sex" by AIDS educator/comedienne Suzi Landolphi. 7:30 p.m., Palmetto Ballroom. Tickets are free at the Union Box Office. (Redfern Health Center/Peer Sexuality Educators, 656-2461)

Deadline for nominations for the 1989 Safe Driver Awards. (Risk Management and Safety, 656-3365)

Short Course: "ISPF Editor." 11 a.m., 111 Daniel Hall. (CTS Help Desk, 656-3494)

Short Course: "Advanced Features of DCF." 2 p.m., 19 Poole Agricultural Center. (CTS Help Desk, 656-3494)

Short Course: "Introduction to SAS." 3:30 p.m., 19 Poole Agricultural Center. (CTS Help Desk, 656-3494)

Friday, Feb. 9

Deadline for ordering season ticket packages for Tiger baseball. \$50. Includes tickets for 33 home games, parking passes, more. (Athletic Ticket Office, 656-2118)

Short Course: "ISPF Mail." 1:30 p.m., 111 Daniel Hall. (CTS Help Desk, 656-3494)

Short Course: "Intermediate SAS." 1:30 p.m., 19 Poole Agricultural Center. (CTS Help Desk, 656-3494)

Saturday, Feb. 10

Wrestling: N.C. State. 7 p.m. Jervy Gym. Free. (656-2101)

Men's Basketball: Virginia. 1:30 p.m., Littlejohn Coliseum. (656-2101)

Monday, Feb. 12

Men's Basketball: N.C. State. 9 p.m., Littlejohn Coliseum. (656-2101)

Short Course: "ISPF Editor." 2 p.m., 111 Daniel Hall. (CTS Help Desk, 656-3494)

Short Course: "Interactive Output Facility." 11 a.m., 111 Daniel Hall. (CTS Help Desk, 656-3494)

Short Course: "Introduction to DCF." 4 p.m., 19 Poole Agricultural Center. (CTS Help Desk, 656-3494)

Tuesday, Feb. 13

Meeting: Staff Commission. 10 a.m., 113 Lehotsky Hall. (Judi Nicks, 656-2598)

Lecture: "The Trials of Madame Bovary" by Sterling Haig (professor of French, UNC-Chapel Hill). 2:30 p.m., Hardin Hall Auditorium. (Languages Dept., Jo Ann McNatt, 656-3396)

Meeting: Faculty Senate. 3:30 p.m., Senate Chamber. (Gordon Halfacre, 656-4957)

Wrestling: Furman. 7 p.m., Jervy Gym. Free. (656-2101)

Short Course: "SAS Display Manager." 3:30 p.m., 19 Poole Agricultural Center. (CTS Help Desk, 656-3494)

Short Course: "Advanced Features of DCF." 5 p.m., 19 Poole Agricultural Center. (CTS Help Desk, 656-3494)

Short Course: "Using SAS to Produce Graphics." 2 p.m., 19 Poole Agricultural Center. (CTS Help Desk, 656-3494)

Graduate student killed

The microbiology department is looking to help the family of a colleague who was killed in an automobile accident Jan. 26.

Bradley Noel Williamson, a graduate assistant in the department for the past 5 years, suffered a fatal heart attack while driving to work that morning and crashed into another vehicle.

"This is an incredible tragedy," says co-worker George Fennington. "We're all completely in shock. We want to do whatever we can to help make things easier for Brad's family."

Fennington says those willing to help should contact the microbiology department at 656-3057.

KATHERINE L. FRACASSO-LEE
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Clemson

WEEKLY

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Wednesday, Feb. 14, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson considers Japan branch campus for 1992

University officials met with a delegation from Japan recently to discuss a proposed branch campus in Kiryu City, 100 kilometers northwest of Tokyo.

Kiryu City officials, whose plan would provide full funding for such an educational project, want to

open a campus in May of 1992.

Students at the branch campus would be able to work toward a University degree in a fully-accredited program, then come to Clemson for their junior and senior years, says Dean of Sciences Bobby Wixson.

Classes at the branch campus would be taught in English by American instructors, from Clemson and perhaps other universities. The plan initially calls for about 300 students, including 50 or 60 Americans, Wixson says.

"American students would be encouraged to live with Japanese families," he says. "They would be able to study the language and the culture of a highly technologically advanced country that will play a major role in the future development of the Pacific Rim.

"They would learn new ideas and pick up new techniques that can be applied to U.S. technology, to enhance our growth in a world market."

Proposed courses include graphic design, information and computer technology, business administration and international relations.

Such a Clemson program, however, would require approval of the S.C. Commission on Higher Education and fulfillment of other University requirements.

Kiryu City, with 130,000 people, has a fashion textile economy and wants to be an international city in the 21st century. A branch campus and a High Technology Park are parts of its written plan "to develop citizens who can face the challenges of life in a 'global village.'

"The aim is to attract an 'internationally-oriented' university with a long history in its home country," the Kiryu City proposal says. "The university should be American with outstanding qualified faculty and staff, with departments specializing in art and technical engineering."

Staff development seminars set to go

So, you want to develop yourself professionally.

So, your department doesn't want to spend a lot of money.

So, call personnel services.

Personnel sponsors free or low-cost seminars for all University employees on a variety of topics ranging from time- and stress-management to how to be a better supervisor.

"Our speakers have received excellent reviews from seminar participants this year," says Staff Development and Training Coordinator Melissa Marcus. "We attempt to schedule speakers with a wide range of experience and

topics in order to appeal to everyone."

Marcus says speakers range from Clemson faculty and staff members to other experts from across the country.

"We feel most everyone can benefit and want to encourage them to attend," she says.

To register, call Rhonda Crawford at 656-2727. Attendance must be supervisor-approved, and payment (if necessary) must be made to Personnel Services by Interdepartmental Order.

For details, call Marcus at 656-2726.

Here's personnel services' staff development calendar for the rest of this year:

Friday, Feb. 16

- New Employee Orientation (free)

Tuesday, Feb. 20

- Drug Free Workplace Act for Supervisors (free)

Friday, Feb. 23

- Overview Meeting of Minority Intern Program (free)

Tuesday, March 13

- Interviewing Workshop (\$30)

Friday, March 16

- New Employee Orientation (free)

Tuesday, March 20

- Business Procedures (free)

Friday, March 30

- The Effective Secretary (\$30)

Friday, April 6

- Stress Management (\$15)

Friday, April 13

- New Employee Orientation (free)

Tuesday, April 17

- EPMS/ Progressive Discipline (free)

Monday, April 30

- Interpersonal Skills (\$20)

Friday, May 11

- New Employee Orientation (free)

Friday, June 1

- Time Management (\$30)

Friday, June 8

- New Employee Orientation (free)

Friday, June 15

- The Effective Secretary (\$30)

Dates to remember:Wednesday, Feb. 14

- Seminar: "Team Building." \$30. (Personnel Services, 656-2727)
- Short Course: "ISPF Mail." 2-3 p.m., 111 Daniel. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)
- Short Course: "Why Do I Need JCL?" 2-3 p.m., 19 Poole. (CTS Help Desk, 656-3494)
- Lecture: "Plight of Black Achievements" by Rev. Michael Goings. 7 p.m., Senate Chamber. (Black History Month, Ken Cooke, 656-0500)
- Men's Basketball: Furman. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Thursday, Feb. 15

- Short Course: "Introduction to SAS." 2-3 p.m., 19 Poole. (CTS Help Desk, 656-3494)
- Short Course: "Intermediate SAS." 4-5 p.m., 19 Poole. (CTS Help Desk, 656-3494)
- Concert: Pointdexters. 9 p.m.-midnight, Edgar's. \$2. (Union, 656-2461)

Thursday-Saturday, Feb. 15-17

- Film: "Sex, Lies and Videotape." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Feb. 16

- New employee orientation. (Personnel Services, 656-2727)
- Short Course: "SAS Display Manager." 1:30-2:30 p.m., 19 Poole. (CTS Help Desk, 656-3494)
- Short Course: "Using SAS to Produce Graphics." 11 a.m.-Noon, 19 Poole. (CTS Help Desk, 656-3494)
- Concert: Bop Harvey. 9 p.m.-midnight, Edgar's. \$2. (Union, 656-2461)

Friday-Sunday, Feb. 16-18

- Clemson Players production: "Tartuffe." Social satire about hypocrisy/piety from 17th Century French playwright Moliere. 8 p.m., Daniel Auditorium. \$4 public, \$2 faculty, staff and students. For tickets: 656-2461. (Performing Arts, 656-3043) (Also runs Feb. 20-24 with an additional 3:30 p.m. matinee Feb. 22)

Saturday, Feb. 17

- Women's Basketball: Virginia. 7 p.m., Littlejohn Coliseum. (656-2101)

Sunday, Feb. 18

- Concert: "Gospel Explosion" by C.U. Black Gospel Choir. 3 p.m., Tillman Auditorium. (Black History Month, Ken Cooke, 656-0500)
- Film: "16 Candles." 7 p.m. and 9:15 p.m., Y-Theater. (Union, 656-2461)

Monday, Feb. 19

- Lecture: "Stagnant Ice Conditions on the Bering Glacier, Alaska: Analog for Pleistocene Deglaciation in New York State" by Donald H. Cadwell (New York Geological Survey). 4:30 p.m., 235 Brackett. (Earth Sciences, Keith Miller, 656-3438)
- Short Course: "Introduction to Microcomputers." 11 a.m.-Noon, 103 Daniel. (CTS Help Desk, 656-3494)
- Short Course: "Introduction to Pagemaker." 9-10 a.m., 19 Poole. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)
- Short Course: "Introduction to the Macintosh." 2-3 p.m., M-4 Martin. (CTS Help Desk, 656-3494)
- Short Course: "First Aid." \$17. (Union, 656-2461)
- Concert: SAUD (jazz combo). 7 p.m., Tillman Auditorium. (Black History Month, Ken Cooke, 656-0500)

Wednesday, Feb. 20

- Seminar: "The Drug-Free Workplace Act" (for supervisors). 10 a.m.-noon, Senate Chamber. (Personnel Services, Rhonda Crawford, 656-2727)
- Lecture: "Moving Beyond the Dream" by Sharon Wittaker (dean of student services, Paine College). 7:30 p.m., Edgar's Entertainment Center.

A Decade of Gospel Explosion

The Clemson University Gospel Choir celebrates its 10th anniversary Feb. 18 with its annual Gospel Explosion, to be held at 3 p.m. in Tillman Auditorium.

The choir's membership has grown from 13 to more than 70 during the last decade.

(Black History Month, Ken Cooke, 656-0500)

— Southern Circuit Film Series: "The Boy Who Loved Venus" and "Miami is OK" by filmmaker Steve Weiss, whose films have been described as "gently surprising and magical." 8 p.m., Y-Theater. Free. (Liberal Arts, Carol Ward, 656-5415)

— Deadline for nominations for this year's Algernon Sydney Sullivan Awards. Nominations should be sent to the University Scholarships and Awards Committee in care of the Honors Office. (Jack Stevenson, 656-4762)

— Short Course: "Introduction to Microcomputers." 9-10 a.m., 103 Daniel. (CTS Help Desk, 656-3494)

— Short Course: "Introduction to Pagemaker." 2-3 p.m., 19 Poole. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— Short Course: "Resume Expert." 6-7 p.m., 127 Lowry. Part II of the software must be purchased from the Placement Office before attending. (CTS Help Desk, 656-3494)

Tuesday-Saturday, Feb. 20-24

— Clemson Players production: "Tartuffe." Social satire about hypocrisy/piety from 17th Century French playwright Moliere. 8 p.m., Daniel Auditorium. \$4 public, \$2 faculty, staff and students. For tickets: 656-2461. (Performing Arts, 656-3043) (Additional 3:30 p.m. matinee Feb. 22)

Wednesday, Feb. 21

- Short Course: Supercomputing at Clemson. 3-4 p.m. 19 Poole. (CTS Help Desk, 656-3494)
- Short Course: Introduction to the Macintosh. 3-4 p.m., M-4 Martin. (CTS Help Desk, 656-3494)

What's NeXT?

The Micro Center is sponsoring a demonstration of NeXT hardware and software Feb. 14 from 1-3 p.m. in F-149 Poole Agricultural Center.

For details, call The Micro Center at 656-3714.

Dates to remember:

— **Short Course: Introduction to Microcomputers.** 9-10 a.m., 103 Daniel. (CTS Help Desk, 656-3494)

Wednesday, Feb. 21-22

— **CPR Classes.** 7-9 p.m. \$15 per person. (Nursing Center, 656-3067)

Thursday, Feb. 22

— **Lecture: "Advanced Laser Techniques Applied to Fluid-Fluid Interfacial Studies"** by Ronald Neuman (Auburn University). 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

— **Clemson Players production: "Tartuffe."** Social satire about hypocrisy/piety from 17th Century French playwright Moliere. 3:30 p.m. and 8 p.m., Daniel Auditorium. \$4 public, \$2 faculty, staff and students. For tickets: 656-2461. (Performing Arts, 656-3043)

— **Short Course: DOS Overview.** 9-10:30 a.m., 103 Daniel. Prerequisite: Introduction to Microcomputers or PC knowledgeable. (CTS Help Desk, 656-3494)

— **Short Course: VMS and EDT Overview.** 2-3 p.m. M-2 Martin. (CTS Help Desk, 656-3494)

— **Short Course: Kinexus.** 6-7 p.m., 127 Lowry. (CTS Help Desk, 656-3494)

Feb. 22-24

Film: "Sea of Love." 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Feb. 23

— **Student Variety Series: C.U. Jazz Ensemble.** 8 p.m., Tillman Auditorium. Free. (Performing Arts, 656-3043)

— **Short Course: MacWrite II Word Processing.** 11 a.m.-Noon, 19 Poole. Prerequisite: Introduction to the Macintosh. Software not available in Macintosh microcomputer labs. (CTS Help Desk, 656-3494)

— **Short Course: Freestyle Word Processing.** 1:30-2:30 p.m., 103 Daniel. Prerequisite: Introduction to Microcomputers or PC knowledgeable. (CTS Help Desk, 656-3494)

— **Short Course: MacWrite 5.0 Word Processing.** 2-3 p.m., M-4 Martin. (CTS Help Desk, 656-3494)

Saturday, Feb. 24

— **Wrestling: Appalachian State.**

7 p.m., Jervy. Free. (656-2101)

— **Men's Basketball: North Carolina.** 4 p.m., Littlejohn Coliseum. (656-2101)

Sunday, Feb. 25

— **Film: "Foul Play."** 7 p.m. and 9:15 p.m., Y-Theater. (Union, 656-2461)

Monday, Feb. 26

— **Talent show: "Reflections of the Past."** 7 p.m., Tillman Auditorium. (Black History Month, Ken Cooke, 656-0500)

— **Lecture: "Am I Doomed to Hate?"** by Walter Anderson (editor, Parade Publications Inc.). 8 p.m., Thurmond Institute Auditorium. (Donna Zimmerman, 656-4700)

— **Short Course: VAX Notes.** 2-3 p.m., M-2 Martin. (CTS Help Desk, 656-3494)

— **Short Course: Starting with Hypercard.** 2-3 p.m., 19 Poole. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— **Short Course: MacPaint Graphics.** 3:30-4:30 p.m., M-4 Martin. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

Tuesday, Feb. 27

— **Workshop: "Chemical Safety."** 1-4 p.m., 113 Lehotsky Hall. (Risk Management and Safety, Nelson Hill, 656-2583)

— **Lecture: "Contingency Planning and the California Earthquake"** by Richard A. Bilas (California commissioner of energy). 8 p.m.,

Thurmond Institute Auditorium. (Donna Zimmerman, 656-4700)

— **Utsey Chamber Series: George Lucktenberg (Harpsichordist).** 8 p.m., Daniel Auditorium. Free. (Performing Arts, 656-3043)

— **Short Course: MacWrite 5.0 Word Processing.** 3:30-4:30 p.m., M-4 Martin. Prerequisite: Introduction to the Macintosh. Course intended for users of Macintosh microcomputer labs. (CTS Help Desk, 656-3494)

— **Short Course: ULTRIX (UNIX).** 3:30-4:30 p.m., 19 Poole. (CTS Help Desk, 656-3494)

— **Short Course: Introduction to the Macintosh.** 2-3 p.m., M4 Martin. (CTS Help Desk, 656-3494)

Wednesday, Feb. 28

— **Workshop: "Laboratory Safety."** 9 a.m.-noon, 113 Lehotsky Hall. (Risk Management and Safety, Nelson Hill, 656-2583)

— **Men's Basketball: Duke.** 9 p.m., Littlejohn Coliseum. (656-2101)

— **Short Course: DOS Overview.** 3-4:30 p.m., 103 Daniel. Prerequisite: Introduction to Microcomputers or PC knowledgeable. (CTS Help Desk, 656-3494)

— **Short Course: Kinexus.** 6-7 p.m., 127 Lowry. (CTS Help Desk, 656-3494)

— **Short Course: MacWrite 5.0 Word Processing.** 2-3 p.m., M4 Martin. Prerequisite: Introduction to the Macintosh. Course intended for users of Macintosh microcomputer labs. (CTS Help Desk, 656-3494)

Thursday, March 1

— **Short Course: MacPaint Graphics.** 9-10 a.m., M4 Martin. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— **Short Course: DOS Overview.** 3-4:30 p.m., 103 Daniel. Prerequisite: Introduction to Microcomputers or PC knowledgeable. (CTS Help Desk, 656-3494)

— **Short Course: Starting with Hypercard.** 2-3 p.m., 19 Poole. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

Environmental workshops

Look for a pair of free workshops on environmental health and safety coming up the last week of this month.

"Chemical Safety" will be held Tuesday, Feb. 27, from 1-4 p.m. in 113 Lehotsky Hall.

"Laboratory Safety" will be held Wednesday, Feb. 28, from 9 a.m.-noon in 113 Lehotsky Hall.

For details, call the risk management and safety department at 656-2583.

Briefly

Scholarships deadline

The deadline to apply for 1990-91 undergraduate scholarships is Thursday, March 1.

Forms can be obtained in the financial aid office, G01 Sikes Hall.

By submitting an application, a student will be considered for all scholarships awarded by the University.

Students wanting to renew their scholarships need to reapply by March 1. Transfer students need to complete one full semester (12 hours) to be eligible.

Most award notifications are mailed in late April. All applicants will be notified, even if they are not awarded scholarships.

For details, call 656-2280.

APO hits big 5-0

The University's chapter of Alpha Phi Omega National Service Fraternity is celebrating its golden anniversary.

Clemson's Gamma Lambda chapter became the 83rd chapter of that national fraternity on Oct. 6, 1940. The chapter sponsors about 20 service projects each year, including the annual Diaper Relay (which raised more than \$4,600 for the Arthritis Foundation

in 1989) and semi-annual blood drives (that have collected nearly 8,000 units of blood since 1981).

PKP honored

The University's Zeta Alpha Chapter of Pi Kappa Phi National Fraternity is one of only three S.C. and 20 U.S. chapters to receive the national organization's "Added Value Award."

Pi Kappa Phi chapters that have initiated three or more alumni in a school year receive the award.

Kappas get national honor

The University's chapter of Kappa Alpha Psi Fraternity has been recognized as the national "Undergraduate Chapter of the Year" for its outstanding public service record.

Clemson's Kappa Lambda chapter has served the University and community for nine years and has received the "Regional Service Award" for the past five years.

Some of the chapter's service projects include SAT workshops, tutoring sessions, a canned food drive, and a clean-up drive for the city of Seneca.

Staff Commission scholarship deadline

Now's time to apply for the Commission on Classified Staff Affairs Scholarship.

To do so:

1. fill out the scholarship application with the financial aid office by March 1.
2. provide a letter stating that the applicant is the son or daughter of a current full-time classified staff member.
3. complete a Financial Aid Form (FAF).

For details, call the Financial Aid Office call 656-2280.

Numbers change for student development

If you're looking to get in touch with student development, try these telephone numbers:

Student Development Office

201 Mell Hall, 656-0500

Brock, Gail - Adm Spec C

Cooke, Ken - Associate Director

Smith, Joy - Director

Student Development Activities

104 Holtzendorff, 656-0520

Barnes, Rick - Assistant Director/
Greek Advisor

Brague, Kirk - Director

LeForge, Troylyn - Assistant Director/
Leadership

Mort, Debbie - Adm Spec B

Page Robin - Adm Spec B

Stiles, Winkie - Adm Spec B

Student Development Programs

103 Holtzendorff, 656-0510

Gibson, Patricia - Exec Suppt Spec

Long, Kay - Adm Spec A

Stevens, Bonnie - Assistant Director

Winn, David - Director


Their numbers have changed since the campus phone book was printed.

KATHERINE L FRACASSO-LEE
STROM THURMOND SPEC COL
3001
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Clemson Weekly is published by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, Feb. 16, for Feb. 28 issue.**



Clemson

WEEKLY

Vol. 29, No. 27

Wednesday, Feb. 21, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Emergency telephones installed

As part of a continuing effort to beef up campus security, the University has begun installing a series of emergency telephone "call boxes" around campus. (see map p. 2-3)

Twenty-eight such boxes in yellow casings are being wired with emergency buttons that, once pressed, will automatically dial the police department, identify your location and activate the unit's speakerphone.

The boxes also are equipped with a standard keypad and can be used for campus or local calls.

"Obviously, the emergency buttons should only be used in extreme situations, such as if you feel your safety, or someone else's, is threatened," says Thea McCrary, crime prevention officer.

"In all other instances, such as finding you have a flat tire or dis-

covering that you've locked your keys in your car, you should use the call box as a regular telephone and dial someone else for assistance."

Workers from the telecommunications department and facilities maintenance and operations are busy installing boxes that ultimately will cover approximately 70 percent of campus.

"An important thing to remember — especially for students — is that the red phones at some dormitory entrances are not part of this emergency system," says Randal Davis, head of the telecommunications department.

"The red phones do not have the special emergency buttons to provide instant access to the police if you are in trouble. However, you can call them from the red phones by dialing 656-2222."

Campaign nears \$45 million-mark

An anonymous gift of \$1 million for the new student performance center has helped push the \$62-million Campaign for Clemson to the \$44.8-million mark.

In addition, Clemson has received another anonymous \$1-million commitment for a variety of

campus enhancements over the next several years.

Among other recent gifts and pledges are:

- \$264,400 in computer equipment from AT&T.
- \$220,000 from the Daniel Foundation for the College of Architecture's Charles E. Daniel Center in Genoa, Italy.
- \$100,000 from Jim and DeeGee Bannon of Arlington, Texas, for the Jim and DeeGee Bannon Scholarship Endowment to provide unrestricted scholarship aid.
- \$100,000 from Bill and Lillian Hudson of Spartanburg for the Bill Hudson Family Endowment to provide scholarships for South Carolina residents.

The Renters' Information Fair will be held Feb. 26-27 from 11 a.m.-3 p.m. each day in the Palmetto Ballroom.

The fair is sponsored by the Renters' Information Center on the first floor of the Clemson House.

For more information, call Sandy Glotzbach at 656-6447.

Staff Commission to hold elections

The Commission on Classified Staff Affairs will hold elections soon for its 1990-91 vacancies. A representative and an alternate will be elected from each of the following areas:

Academic Affairs

- Division of Computing and Information Technology (DCIT)
- Graduate School and Sciences

Agriculture and Natural Resources

- Forest and Recreation Resources
- division-wide
- off-campus

Business and Finance

- division-wide

Institutional Advancement

- division-wide

Student Affairs

- division-wide

Staff Commission elections calendar

Tuesday, March 20

Nominations due to each vice president or designate.

Thursday, April 5

Ballots delivered to each college/area in which vacancies occur.

Wednesday, April 25

Ballots due to Commission.

Wednesday, May 23

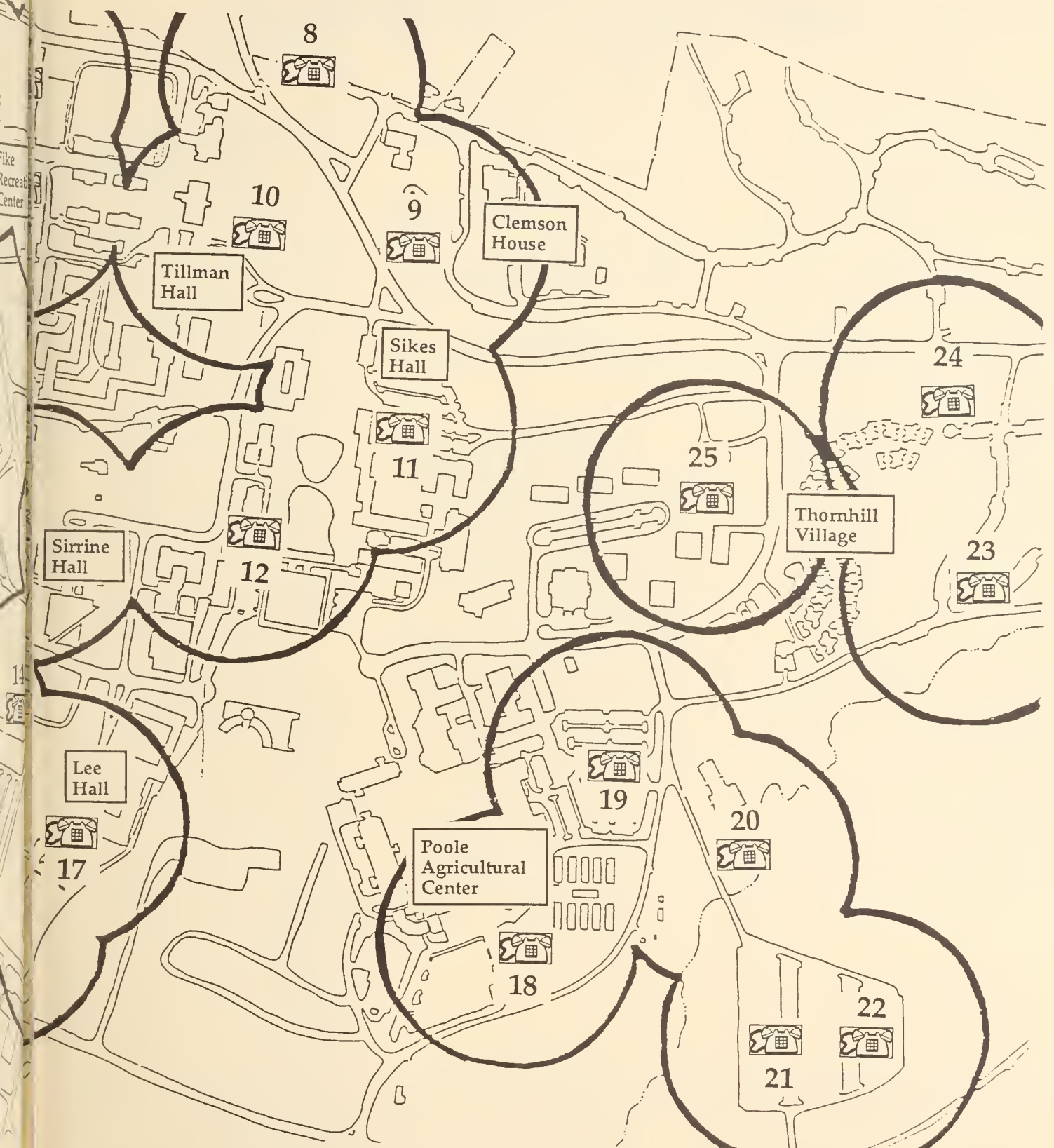
New members announced in *Clemson Weekly*.

Do you know where your emergency telephones are?

The University is busy installing a network of 28 new emergency speaker phones in these locations across campus (note: not all the phones have been installed yet):

- 1 On Rugby Field near East Bank access road
- 2 At Football Practice Field near Baseball Stadium
- 3 At upper resident lot shuttlebus stop near Memorial Stadium
- 4 At edge of Intramural Field near Littlejohn resident lot
- 5 On corner of Band Practice Field at Heisman St. and Williamson Rd.
- 6 At Motor Pool entrance from FMO-Fike employee lot
- 7 On Sloan Tennis Center porch
- 8 In front of University Ridge Apts.
- 9 On Clemson House hill near Alumni Circle
- 10 On Bowman Field near Tillman Hall basement entrance
- 11 In Sikes employee lot near Martin Hall entrance
- 12 At Olin Hall elevator alcove
- 13 At edge of Sirrine employee lot near Sirrine and Benet halls
- 14 At end of commuter lot down and across from Earle Hall
- 15 Inside resident lot across from "The Bottoms"
- 16 Between commuter lots across from Purchasing
- 17 At Lee Hall covered walkway near commuter lot cul-de-sac
- 18 At edge of Poole Agricultural Center commuter lot
- 19 Between commuter/employee lots east of Newman Hall and Redfern
- 20 Along access road from Cherry Rd. to resident lot near Botanical Garden
- 21 In lower resident lot near Botanical Garden
- 22 At upper level bus stop of resident lot near Botanical Garden
- 23 At south end of Thornhill Village laundry porch
- 24 Near Calhoun Courts traffic circle
- 25 At automatic teller machines behind Byrnes Hall





Dates to remember:thru Saturday, Feb. 24

— **Clemson Players production:** "Tartuffe." Social satire about hypocrisy/piety from 17th Century French playwright Moliere. 8 p.m., Daniel Auditorium. \$4 public, \$2 faculty, staff and students. For tickets: 656-2461. (Performing Arts, 656-3043) (Additional 3:30 p.m. matinee Feb. 22)

Wednesday, Feb. 21

— **Short Course: Supercomputing at Clemson.** 3-4 p.m. 19 Poole. (CTS Help Desk, 656-3494)

— **Short Course: Introduction to the Macintosh.** 3-4 p.m., M-4 Martin. (CTS Help Desk, 656-3494)

— **Short Course: Introduction to Microcomputers.** 9-10 a.m., 103 Daniel. (CTS Help Desk, 656-3494)

— **Lecture: Fiction writer Peter Cameron** will read from his work. 8 p.m., Jordan Hall Auditorium. (English Dept./S.C. Arts Commission, 656-3151)

Wednesday, Feb. 21-22

— **CPR Classes.** 7-9 p.m. \$15 per person. (Nursing Center, 656-3067)

Thursday, Feb. 22

— **Lecture: "Advanced Laser Techniques Applied to Fluid-Fluid Interfacial Studies"** by Ronald Neuman (Auburn University). 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

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— **Short Course: VMS and EDT Overview.** 2-3 p.m. M-2 Martin. (CTS Help Desk, 656-3494)

— **Short Course: Kinexus.** 6-7 p.m., 127 Lowry. (CTS Help Desk, 656-3494)

Feb. 22-24

— **Film: "Sea of Love."** 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (Union, 656-2461)

Friday, Feb. 23

— **Student Variety Series: C.U. Jazz Ensemble.** 8 p.m., Tillman Auditorium. Free. (Performing Arts, 656-3043)

— **Short Course: MacWrite II Word Processing.** 11 a.m.-Noon, 19 Poole. Prerequisite: Introduction to the Macintosh. Software not available in Macintosh microcomputer labs. (CTS Help Desk, 656-3494)

— **Short Course: Freestyle Word Processing.** 1:30-2:30 p.m., 103 Daniel. Prerequisite: Introduction to Microcomputers or PC knowledgeable. (CTS Help Desk, 656-3494)

— **Short Course: MacWrite 5.0 Word Processing.** 2-3 p.m., M-4 Martin. (CTS Help Desk, 656-3494)

Saturday, Feb. 24

— **Wrestling: Appalachian State.** 7 p.m., Jervy. Free. (656-2101)

— **Men's Basketball: North Carolina.** 4 p.m., Littlejohn Coliseum. (656-2101)

Sunday, Feb. 25

— **Film: "Foul Play."** 7 p.m. and 9:15 p.m., Y-Theater. (Union, 656-2461)

Monday, Feb. 26

— **Talent show: "Reflections of the Past."** 7 p.m., Tillman Auditorium. (Black History Month, Ken Cooke, 656-0500)

— **Lecture: "Am I Doomed to Hate?"** by Walter Anderson (editor, Parade Publications Inc.). 8 p.m., Thurmond Institute Auditorium. (Donna Zimmerman, 656-4700)

— **Short Course: VAX Notes.** 2-3 p.m., M-2 Martin. (CTS Help Desk, 656-3494)

— **Short Course: Starting with Hypercard.** 2-3 p.m., 19 Poole. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— **Short Course: MacPaint Graphics.** 3:30-4:30 p.m., M-4 Martin. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

Tuesday, Feb. 27

— **Workshop: "Chemical Safety."** 1-4 p.m., 113 Lehotsky Hall. (Risk Management and Safety, Nelson Hill, 656-2583)

— **Lecture: "Contingency Planning and the California Earthquake"** by Richard A. Bilas (California commissioner of energy). 8 p.m., Thurmond Institute Auditorium. (Donna Zimmerman, 656-4700)

— **Utsey Chamber Series: George Lucktenberg** (Harpsichordist). 8 p.m., Daniel Auditorium. Free. (Performing Arts, 656-3043)

— **Short Course: MacWrite 5.0 Word Processing.** 3:30-4:30 p.m., M-4 Martin. Prerequisite: Introduction to the Macintosh. Course intended for users of Macintosh microcomputer labs. (CTS Help Desk, 656-3494)

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— **Short Course: Introduction to the Macintosh.** 2-3 p.m., M4 Martin. (CTS Help Desk, 656-3494)

JOHN M FORD
TRUSTEE HOUSE
5606
NEWS SERVICES

Clemson Weekly is put
by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, Feb. 23, for March 7 issue.**



Clemson

WEEKLY

ol. 29, No. 28

Wednesday, Feb. 28, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Staff Commission news:

Employee counseling available

An employee assistance program is available from personnel services to help employees with personal problems such as emotional difficulties, stress or substance-abuse addictions.

The program, which is voluntary and completely confidential, coordinates personal counseling and referral for treatment with state agencies such as the S.C. Department of Vocational Rehabilitation, the S.C. Department of Mental Health and the S.C. Commission on Alcohol and Drug Abuse.

"The program was designed for those employees whose personal problems may be affecting their professional performance," personnel Assistant Director Dick Simmons told the Staff Commission at its February meeting.

Employees can volunteer for

the program or can be referred by colleagues or supervisors, he said. Counseling and subsequent treatment through the program can be an alternative for those facing substandard EPMS warnings or progressive discipline actions.

More than 40 employees have received counseling from the program during its first year — the majority of them for problems associated with job stress. Of those, 15 have been referred for some form of professional assistance.

The problem, Simmons said, is the lack of adequate on-site professional counseling resources for faculty and staff.

"Although treatment is available for diagnosed psychiatric

(see Assistance on p.2)

Senate wants more development funds

The Faculty Senate, at its February meeting, called for faculty development funds to be increased from \$50 to \$150 and for those funds to be listed as line items in each departmental budget (separate from travel expenses).

The Senate also recommended guidelines for the use of those funds for such items as professional memberships, subscriptions to professional journals and continuing education programs.

In other business, the Senate:

- accepted several minor modifications to the research eth-

ics policy.

- elected Sen. Robert Hogan (architectural studies) and Sen.

Gerald Waddle (marketing) to the Grievance Board.

- welcomed Sam Ingram (assistant professor, industrial education) as

a replacement for Henry Pate, who has become head of the industrial education department. Ingram also will serve as the Senate's representative on the University Traffic and Parking Committee.

Also, Sen. Eldon Zehr will chair an ad hoc committee to study the University mail service.

Faculty Senate News

Avoid job stress

Supervisors — here are three ways you can help your employees avoid job stress and burnout:

1. Map out just what you expect from each employee.

"Roughly 80 percent of the job-stress-related problems we have seen could be avoided if supervisors would take a little extra time in the beginning to plan — along with the employee — their job expectations for the year," says Dick Simmons, assistant director of personnel services.

"Mapping out expectations provides tangible, attainable goals for the employee, and the shared expectations help avoid unpleasant 'surprises' at review time."

2. Clearly and frequently communicate what is going on when organizational change occurs.

"Many employees tend to imagine the worst-case scenario and may feel a situation is more threatening or difficult than it actually is," says Simmons.

"Employees who understand their roles in the grand scheme of things tend to be better performers and to have a greater sense of their organization's mission and objectives."

3. Listen to your employees.

"The bottom line in all instances is open, honest communication," says Simmons.

"Supervisors aren't always aware of all the problems their employees may be facing. By listening, supervisors can become more effective managers and, as a result, will have more realistic expectations of job performance. Employees, through that two-way communication, tend to become better contributors to the team."

Assistance (cont. from p. 1)

disorders and alcohol or drug abuse through state health insurance, the employee assistance program is one of the few counseling programs for employees that the University provides — and we desperately need one," he said.

"We've had success in preventing or dealing with some stress-related problems before they reach the boiling point, thanks to the efforts of campus programs sponsored by groups such as the Wellness Center, the College of Nursing and our own

staff development department here in Personnel Services," he said. "The problem is that we don't have the resources to adequately counsel those who already have problems."

Simmons said the student counseling center staff contributes to the program, but that they don't have the resources to counsel employees on a full-time basis.

"I hope the University will seek funding for a full-time professional counselor who could be stationed on campus," he said.

Report analyzes state's energy readiness

The quick return of electric power to Charleston, Charlotte and other areas hit by Hurricane Hugo was no accident, according to a report issued last Wednesday by the Strom Thurmond Institute.

The 40-page report — the result of on-site research immediately following the storm — summarizes the state of emergency energy preparedness in South Carolina both before and after the hurricane.

The study shows that although Hugo presented an unprecedented energy emergency because of the severe damage to electric utility systems, power was restored quickly thanks to well-managed recovery efforts, excellent coordination among government agencies and the quick response by the utilities.

Among other findings:

1. Since half the deaths following the storm were energy related — either from house fires caused by using candles for light or from electrocution by downed wires and portable generators — education is an essential part of preparing the public for energy emergencies. In particular, emphasis should be placed on

educating the public about proper use of portable generators, which are essential to recovery efforts but which pose a serious safety hazard unless operated properly.

2. An energy emergency coordination group is necessary to bring together the interests of federal, state and local governments and military and industry interests.

3. The emergency broadcast/communications system is too reliant on television and should place more emphasis on radio because of the availability of battery-operated receivers to a large percentage of the public.

4. The suitability of heavy equipment to local geography and terrain should be determined before restoration begins. In many cases, heavy equipment brought in to the coastal areas was not suitable for low-lying, swampy terrain.

The Thurmond Institute has been involved in energy emergency preparedness for the past three years, conducting a series of nationwide seminars with the U.S. Department of Energy and compiling recommended guidelines for various states in preparing for energy emergencies.

AIDS expert to speak March 1

College health expert Richard Keeling and University performing arts students will present a joint program on AIDS Thursday, March 1, on campus.

"In Spite of AIDS," a program of human drama and encouragement from the artistic and medical perspectives, will begin at 7:30 p.m. in Daniel Auditorium.

Students will perform an excerpt from "On Tidy Endings," a one-act play about the death of an AIDS patient.

Following the dramatic presentation, Keeling will give an update on AIDS on campus and related issues.

Keeling is the director of the University of Virginia's student health service and is chairman of the American College Health Association (ACHA) AIDS Task Force.

The program is sponsored by the University's AIDS Task Force.

Contract awarded for east campus dorm

The University has awarded a contract for architectural, engineering, planning and landscape design of a 600-bed, multi-building residence hall on east campus to Craig, Gauden and Davis Inc. (CGD) of Greenville.

Occupancy is scheduled for August 1991.

The apartment-style building will have a "retreat-like setting," says housing Director Peter Perhac, with services ranging from semi-private bedrooms and microwave ovens to cable television and computer connections.

The new residence hall is an important first step in the University's plan to grow in the east campus direction, he says.

FRED knows retirement planning

Now you can personally take charge of your own retirement planning with a little help from FRED — but you need to do it soon.

FRED is the Friendly Retirement Education Database available from personnel services. By enrolling in a program of eight one-hour sessions (scheduled at your convenience throughout the next four months), you will learn to use FRED to manage your own

private retirement and financial planning.

The program, funded by a University innovation grant, is free. Registration is limited to 80 — 40 who have been through a previous pre-retirement seminar and 40 who have not.

An information session for participants will be held Thursday, March 8, so please respond immediately if you are interested.

For details, call Dick Simmons in Personnel at 656-3358.

Dates to remember:

Wednesday, Feb. 28

- **Men's Basketball: Duke.** 9 p.m., Littlejohn Coliseum. (656-2101)
- **Computer Short Course: DOS Overview.** 3-4:30 p.m., 103 Daniel. Prerequisite: Introduction to Microcomputers or PC knowledgeable. (CTS Help Desk, 656-3494)
- **Computer Short Course: Kinexus.** 6:30-7 p.m., 127 Lowry. Underclassmen who are interested in summer work are encouraged to register using this software. (CTS Help Desk, 656-3494)
- **Computer Short Course: MacWrite & Word Processing.** 2-3 p.m., M-4 Martin. Prerequisite: Introduction to the Macintosh. Course intended for users of all Macintosh microcomputer labs. (CTS Help Desk, 656-3494)
- **Workshop: "Laboratory Safety."** 9 a.m.-noon, 113 Lehotsky Hall. (Risk Management and Safety, Nelson Hill, 656-2853)
- **Baseball: Western Carolina.** 3 p.m., Tiger Field. (656-2101)

Thursday, March 1

- **Lecture: "In Spite of AIDS"** by AIDS educator Richard Keeling. 7:30 p.m., Daniel Auditorium. (C.U. AIDS Task Force, 656-2233)
- **Computer Short Course: MacPaint Graphics.** 9-10 a.m., M-4 Martin. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)
- **Computer Short Course: DOS Overview.** 3-4:30 p.m., 103 Daniel. Prerequisite: Introduction to Microcomputers or PC knowledgeable. (CTS Help Desk, 656-3494)

- **Computer Short Course: Starting with Hypercard.** 2-3 p.m., 19 Poole. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)
- **Home, Health, and Horticulture Show.** 9 a.m., Clemson Reserve Center. (Pickens County Extension Office, 859-2422 or 868-2810)

Friday, March 2

- **Student Variety Series: Clemson University Symphonic Band.** 8 p.m., Tillman Auditorium. Free. (Performing Arts, 656-3043)
- **Personnel Seminar: New Employee Orientation.** (Personnel Services, 656-2426)
- **Computer Short Course: Introduction to Pagemaker.** 9-10 a.m., 19 Poole. Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

Sunday, March 4

- **Performing Artist Series: "Sleeping Beauty-Act III"** by Ballet South. 4 p.m. Tillman Auditorium. \$6 students, \$8 public. (University Union/Alumni Association, 656-2461)

Monday, March 5

- **Preliminary grades due.**
- **Computer Short Course: ULTRIX (UNIX).** 3-4 p.m., 19 Poole. (CTS Help Desk, 656-3494)

Monday-Tuesday, March 5-6

- **Student Variety Series: CU After Six Singers.** 8 p.m., Tillman Auditorium. (Performing Arts, 656-3043)

CampFest begins March 1

For those of you interested in the great outdoors and working with kids, the parks, recreation and tourism management department is sponsoring CampFest Thursday, March 1, from 10 a.m. to 5 p.m. in the Palmetto Ballroom of the University Union.

This year, more than 50 camps will be represented, each looking to hire 10 to 75 people for summertime positions.

Jobs the camp directors will interview for include counselors; nurses; emergency medical technicians; food service, maintenance, and program directors and administrators.

Activity instructors also are needed for a variety of indoor and outdoor activities, ranging from swimming, rock climbing and horseback riding to music, computers and pottery making.

Roughly half the camps represented are located in the mountains of western North Carolina, upstate South Carolina or northern Georgia. Four camps are located along the coasts of North and South Carolina. The rest are spread throughout North Carolina, South Carolina, Georgia, Tennessee, Alabama and New York.

For details, call Lorri Jones at the Outdoor Lab at 646-7502.

Tuesday, March 6

- **Briefing lunch: "The Admissions Formula and the Issue of a Growing Undergraduate Population"** by Jerry Reel (vice provost for undergraduate studies) and Mike Heintze (director of admissions). Noon, Alumni Center. (Lecture is free; lunch is \$5). Open to everyone. (Alumni Relations, Mark Eisengein, 656-2345)

calendar is
continued on back



Dates to remember:

Calendar begins inside on p. 3

Tuesday, March 6

— **Computer Short Course: Advanced Pagemaker.** 3-4 p.m., 19 Poole.

Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— **Computer Short Course: Off-Campus Networking.** 4-5 p.m., 19 Poole. (CTS Help Desk, 656-3494)

— **Computer Short Course: Communications with Kermit on a Macintosh.** 1:30-2 p.m., 19 Poole.

Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— **Computer Short Course: Communications with Kermit on an IBM PC.** 2:15-2:45 p.m., 19 Poole.

Prerequisite: DOS Overview. (CTS Help Desk, 656-3494)

— **Baseball: Old Dominion.** 3 p.m., Tiger Field. (656-2101)

Wednesday, March 7

— **Computer Short Course: C Programming.** 2-3 p.m., 19 Poole.

Prerequisite: A programming language. (CTS Help Desk, 656-3494)

— **Baseball: Old Dominion.** 3 p.m., Tiger Field. (656-2101)

— **Lecture: "History-based Rural Festivals in South Carolina"** by Robert L. Janiskee (professor of geography at USC-Columbia). 3:30 p.m., 200 Hardin Hall. (History Dept./Parks, Recreation and Tourism Management, Lawrence Estaville, 656-5359) Reception follows.

Thursday, March 8

— **Black Faculty/Staff Association**

meeting. 5 p.m., F-149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

— **Concert Series: The Charlotte Symphony.** 8 p.m., Tillman Auditorium.

Free for students, \$7 adults, \$4 youth. For tickets call the Union Box Office at 656-2461. (Performing Arts, 656-3043)

— **Lecture: "In Situ Volatilization of Organic Chemical Wastes"** by Atla Jefcoat, University of Alabama. 2 p.m., Earle Hall Room 100. (Chemical Engineering, 656-2621)

— **Computer Short Course: Advanced Pagemaker.** 3-4 p.m., 19 Poole.

Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— **Computer Short Course: C Programming.** 4-5 p.m., 19 Poole.

Prerequisite: A programming language. (CTS Help Desk, 656-3494)

— **Computer Short Course: Communications with Kermit on a Macintosh.** 1:30-2 p.m., 19 Poole.

Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— **Computer Short Course: Communications with Kermit on an IBM PC.** 2:15-2:45 p.m., 19 Poole.

Prerequisite: DOS Overview. (CTS Help Desk, 656-3494)

— **Baseball: Old Dominion.** 3 p.m., Tiger Field. (656-2101)

Friday, March 9

— **Computer Short Course: Advanced Pagemaker.** 9-10 a.m., 19 Poole.

Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)

— **Computer Short Course: Off-Campus Networking.** 1:30-2:30 p.m.,

19 Poole. (CTS Help Desk, 656-3494)

— **Baseball: Wake Forest.** 3 p.m., Tiger Field. (656-2101)

Friday-Saturday, March 9-10

— **Wrestling: ACC Championships.** All day, Jervey. (656-2101)

Saturday, March 10

— **Baseball: Wake Forest.** 2 p.m., Tiger Field. (656-2101)

Sunday, March 11

Baseball: Wake Forest. 2 p.m., Tiger Field. (656-2101)

Monday, March 12

— **Meeting: "You Are What You Eat"** by Nancy Welch (consumer affairs specialist, Community Cash Food Stores) Noon-1 p.m., Clemson Ramada Inn.

\$6.04, includes tax, tip, and use of the room. (Women in Higher Education Network, Elaine Hallums, 656-2428)

— **Baseball: Marshall.** 3 p.m., Tiger Field. (656-2101)

McWhorter nominations

The Association of Women Professionals is accepting nominations for its fifth annual Susan B. McWhorter Outstanding Woman Professional Award.

The award honors a professional woman in the tri-county area who has made contributions to her profession; who has helped other women achieve; and who has provided leadership in community, church or family life.

Nominations in letter form should be mailed before Wednesday, March 21, to the AWP Awards Committee at P.O. Box 1133, Clemson, SC 29633

For more information, call Dot Yandle at 654-6630 or 654-8979.

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Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, March 2, for March 14 issue.**

F.Y.I.

The forestry department has a new name — it is now officially known as the department of forest resources.



Clemson

WEEKLY

Vol. 29, No. 29

Wednesday, March 7, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Campus mail resumes usual schedule after move

Now that the University post office has finished moving part of its operation off campus, departments should not notice any additional disruption in campus mail service, says the University postmaster.

"We did have some delays for a couple of days during the move, but we're back up to full speed now," says Katrina Skelton.

Skelton says the post office is still making two stops a day at each department and that Johnstone, which now is primarily a student post office, is still the on-campus drop-point for outgoing mail.

Otherwise, all departmental mail is now processed at the new postal distribution operation located

in the Clemson Shopping Center (near Garretts).

The post office moved because its former quarters were getting cramped, says Skelton.

"We simply outgrew Johnstone," she says. "The space we had wasn't enough to help us keep pace with the growth of the campus during the past few years. In just this last year alone, the sheer volume of campus mail increased 12 percent."

To help expedite campus mail service, Skelton urges departments to consider these suggestions:

- Separating outgoing mail by groups — inter-office, inter-agency, stamped, metered, out-of-town, for-

eign — really helps speed delivery.

- Make sure all metered mail has a departmental account number and a return address. Without those, it can take days to track down the correct sender and to process the mail.

- If you have missed both pickup times for your department and you have Express Mail that needs to go out immediately, take your mail directly to the postal distribution operation so it can be postmarked before the 4:15 p.m. deadline.

- Separating mass mailings (such as flyers or memos going to all employees) by department also can speed delivery.

Construction forces change in east-campus traffic flow

The next time you're driving along South Palmetto Boulevard near the President's House and Calhoun Courts, be prepared to

stop at the new three-way stop at the entrance to Byrnes Hall.

Because of on-going construction work on the academic learning

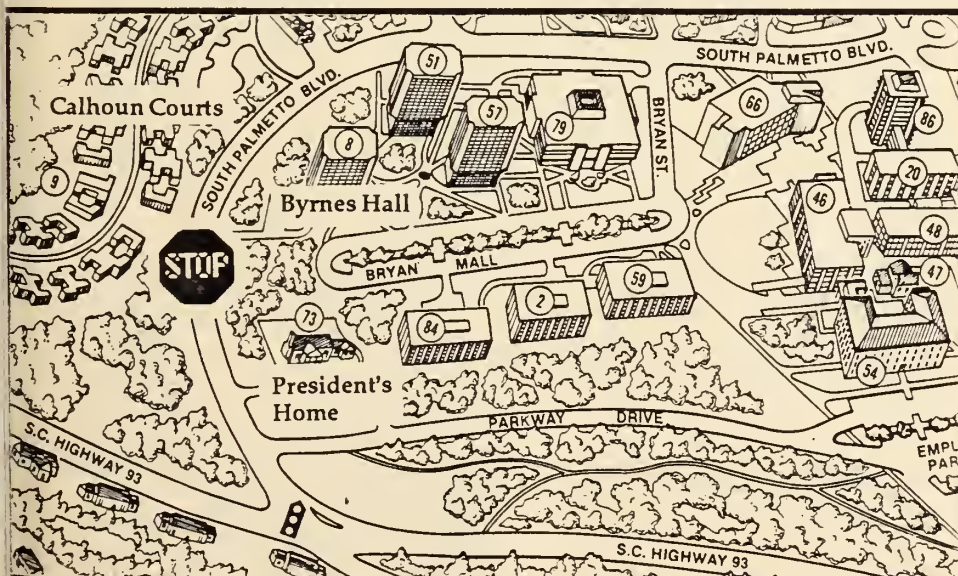
center, Byrnes driveway (where the east-campus automatic teller machines are) is now the permanent entrance/exit into Bryan Mall.

"I want to encourage everyone to use extra caution in that area," says parking services Director Bill Pace.

"These stop signs are new, and most people aren't going to be used to looking for them. If everyone will drive a little more slowly and carefully, we can avoid a lot of accidents."

In addition, Pace says Bryan Stret, the usual road into Bryan Mall (between the College of Nursing building and Schilleter Dining Hall), has been closed permanently, although the parking lots at both buildings will remain accessible.

"To get around the construction work, we've had to shorten the loop around Bryan Mall, removing about 24 parking spaces," he says, "but we should be able to get most of them back when construction is finished in a year."



There's a new three-way stop on South Palmetto Boulevard near Byrnes Hall — the new entrance to Bryan Mall (where the east-campus high-rise residence halls are).

Dates to remember:Wednesday, March 7

- **Computer Short Course: C Programming.** 2-3 p.m., 19 Poole.
Prerequisite: A programming language. (CTS Help Desk, 656-3494)
- **Baseball: Old Dominion.** 3 p.m., Tiger Field. (656-2101)
- **Lecture: "History-based Rural Festivals in South Carolina"** by Robert L. Janiske (professor of geography at USC-Columbia). 3:30 p.m., 200 Hardin Hall. (History Dept./Parks, Recreation and Tourism Management, Lawrence Estaville, 656-5359) Reception follows.
- **Presentation: "An Overview of the Clemson-Battelle Partnership"** by William Chard (director, Emerging Technology Center). 4 p.m., Thurmond Institute Auditorium. (Debra Harris, 656-4237)
- **Lecture: "Why Not Your Best?"** by Terry Bradshaw (former Pittsburgh Steelers quarterback). 8 p.m., Tillman Auditorium. Students free; public \$3. (University Union, 656-2461)

Thursday, March 8

- **Black Faculty/Staff Association meeting.** 5 p.m., F-149 Poole Agricultural Center. (Cheryl Adams, 656-4675)
- **Concert Series: The Charlotte Symphony.** 8 p.m., Tillman Auditorium. Free for students, \$7 adults, \$4 youth. For tickets call the Union Box Office at 656-2461. (Performing Arts, 656-3043)
- **Lecture: "In Situ Volatilization of Organic Chemical Wastes"** by Ala Jefcoat, University of Alabama. 2 p.m., Earle Hall Room 100. (Chemical Engineering, 656-2621)

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Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)
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- **Computer Short Course: Communications with Kermit on an IBM PC.** 2:15-2:45 p.m., 19 Poole.
Prerequisite: DOS Overview. (CTS Help Desk, 656-3494)
- **Baseball: Old Dominion.** 3 p.m., Tiger Field. (656-2101)

March 8-10

- **Film: "Parenthood."** 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (University Union, 656-2461)

Friday, March 9

- **Computer Short Course: Advanced Pagemaker.** 9-10 a.m., 19 Poole.
Prerequisite: Introduction to the Macintosh. (CTS Help Desk, 656-3494)
- **Computer Short Course: Off-Campus Networking.** 1:30-2:30 p.m., 19 Poole. (CTS Help Desk, 656-3494)
- **Baseball: Wake Forest.** 3 p.m., Tiger Field. (656-2101)
- **Concert: "DV8."** 9 p.m. New Edgar's. \$2. (University Union, 656-2461)

Friday-Saturday, March 9-10

- **Wrestling: ACC Championships.** All day, Jervey. (656-2101)

Saturday, March 10

- **Baseball: Wake Forest.** 2 p.m., Tiger Field. (656-2101)

Sunday, March 11

- **Baseball: Wake Forest.** 2 p.m., Tiger Field. (656-2101)
- **Film: "Back to the Future."** 7 p.m. and 9:15 p.m., Y-Theater. Free with University I.D. (University Union, 656-2461)

Monday, March 12

- **Meeting: "You Are What You Eat"** by Nancy Welch (consumer affairs specialist, Community Cash Food Stores) Noon-1 p.m., Clemson Ramada Inn. \$6.04, includes tax, tip, and use of the room. (Women in Higher Education Network, Elaine Hallums, 656-2428)
- **Baseball: Marshall.** 3 p.m., Tiger Field. (656-2101)
- **Lecture: "The Response of the African-American Press to the U.S. Occupation of Haiti, 1915-1934"** by Henry Lewis Suggs (associate professor of history). 3:30 p.m., 109 Hardin. (History Department, 656-3153)

Tuesday, March 13

- **Staff Commission meeting.** 10 a.m., 113 Lehotsky Hall. (Judi Nicks, 656-2598)
- **Faculty Senate meeting.** 3:30 p.m., Senate Chambers. (Gordon Halfacre, 656-4957)
- **Personnel Seminar: "Interviewing Workshop."** \$30. (Personnel Services 656-2426)
- **Baseball: Marshall.** 3 p.m., Tiger Field. (656-2101)
- **Performance: Bobby Hunt** (stuntman for Ringling Bros. Circus). 8 p.m., New Edgar's. \$2. (University Union, 656-2461)

March 13-15

- **Film: "Tango and Cash."** 7 p.m. and 9:15 p.m., Y-Theater. \$1.75. (University Union, 656-2461)

Wednesday, March 14

- **Baseball: Marshall.** 3 p.m., Tiger Field. (656-2101)

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Editor, Clemson Week

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Clemson

WEEKLY

Vol. 29, No. 30

Wednesday, March 14, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Group to conduct University-wide environmental audit

A student organization has launched a six-week environmental self-study of the University and will conduct campus-wide interviews to determine Clemson's environmental status.

The study, spearheaded by the Students for Environmental Awareness, will evaluate and identify any areas of concern in the University's use of its resources and energy on campus.

"Because we at Clemson are large consumers of energy and materials, we feel there's a definite need to evaluate the sources, methods and ultimate fate of what we're consuming," says environ-

mental systems engineering Professor Alan Elzerman, faculty advisor to SEA.

"Through this study, we have a chance to decrease our impact on the environment and maybe even save money in the process."

Using a model developed at the University of California at Los Angeles, the study will focus on 12 areas: solid waste, hazardous waste, medical waste, radioactive waste, wastewater and storm runoff, pesticides, air quality, transportation, water use, energy use, workplace environment and procurement policies.

The findings will be released

during Earth Week April 16-22.

The study is co-sponsored with the environmental systems engineering department and a special Business and Finance committee on the environment and waste.

"This is an important, timely study, and the administration very much looks forward to the findings," says Vice President for Business and Finance David Larson on behalf of the committee recently formed to address environmental issues at the University. "We ask that everyone help us as we gather information for this report."

For details on how you can help, call project administrator Sandra Clipp at 656-3277.

Social policy also affects departments

Now that the University's new social policy is in effect, employees need to become especially sensitive to the legal implications of mixing undergraduates and alcohol.

If it's a University-sponsored function on campus and undergraduates are involved, everyone is subject to the policy guidelines, says Bonnie Stevens, assistant director of student development programs.

"We all, as employees, serve as role models to students," she says. "It's a responsibility that comes with the territory of working in a student-oriented environment. And while Clemson's alcohol policy has been fairly liberal up to now, it has been revised to

(see Social on p.3)



Students Markus Moore and Gerald Haynes portrayed civil rights activist Malcolm X and his bodyguard recently during the Black History Month talent show.

Internships provide challenges, practical work experience

A program launched in October is providing participants with the opportunity to work toward long-range career goals by gaining practical work experience in other areas of the University.

Through the Minority Intern Program, administered through personnel services, participants take 6-9-month leaves of absence

(with their supervisors' approval) to work in a new environment.

The program is one of the administration's special efforts to continue developing and retaining talented minorities at Clemson, says Juliette Dais, program coordinator.

"These interns are learning valuable new skills and procedures that will not only benefit themselves but perhaps their home departments as well," she says. "We do our best to help applicants get placed into an area of interest that will provide them with a realistic opportunity for success in line with their background and career goals."

Dais says an open call for applications will be sent out in May for participants for the program's second year.

For details on how you can get involved, call Juliette Dais at 656-4884.

1989-90 Minority Interns

- **Kathy Blassingame** (MBA graduate student), working in IPTAY
- **Elaine Hallums** (personnel services), working in the office of university research
- **Betty Ellis** (Cooper Library), working in the Division of Student Affairs
- **Gloria Smith** (admissions and registration), working in alumni relations
- **Vicki Lake** (Cooper Library), working in personnel services;
- **Linda Sadler** (alumni relations), working in the office of international programs and services and in the College of Engineering
- **Carleathea Benson** (office of international studies), working in advancement services
- **Loretta Martin** (custodial services), working in the Center for the Study of the Black Experience in Higher Education
- **Lynn Jones** (career planning), working in the Strom Thurmond Institute
- **Juliette Dais** (personnel services), working in the office of the vice president for research
- **Romando James** (4-H), working in the office of the vice president for agriculture and natural resources
- **Debrah Moore** (Education graduate student), working at the Greenville Higher Education Consortium
- **Dalphine Davis** (personnel services), working in the development office

What they're saying:

"It's been a great opportunity to learn new skills in a totally new environment. It's also been quite challenging because I haven't done this type of work before."

— *Intern Lynn Jones, counselor, career services*

"I think the whole idea is terrific. We're developing a program to attract talented minorities in agricultural sciences, and it's the minority perspective that will make this particular recruiting model successful. Also, this program has provided us with some needed assistance and resources for handling some valuable projects when we might not otherwise have had the budget."

— *Supervisor Ross Wilkinson, dean/director of instruction, College of Agricultural Sciences*



1989-90 minority interns are (front row, left to right) Kathy Blassingame, Elaine Hallums, Betty Ellis, Gloria Smith. (Second row, left to right) Vicki Lake, Linda Sadler, Carleathea Benson, President Max Lennon, Loretta Martin, Lynn Jones, Juliette Dais. (Not pictured — Romando James, Debrah Moore, Dalphine Davis)

Savings bonds available now

The 1990 U.S. Savings Bonds Campaign is under way.

Each department will have its own savings bond representative to attend an informational meeting on Wednesday, March 28.

An important new feature of savings bonds is that they now can help pay for your or your

child's higher education. In addition, savings bond interest earned can be completely tax-free if you meet certain qualifications.

To purchase bonds, contact your departmental representative.

For details, call the payroll and employee benefits office at 656-2000.

University Research Grant winners

Twelve faculty have received grants from the University Research Grant Committee, which makes awards to new faculty, to faculty redirecting their research interests and to faculty in areas where research support is inadequate or non-existent.

This year's winners are:

Vance Truesdale (Asst Prof)
English
The Contribution of S.C. Writer Louise Jones DuBose
\$2,970

Warren Adams (Asst Prof)
Mathematical Sciences
Computer Implementation of a New Integer Programming Solution Procedure
\$3,000

Katherine Nugent (Asst Prof)
Nursing
Reliability and Validity of NCAST: A Pilot Study
\$3,000

Sidney Gauthreaux (Prof)
Biological Sciences
A Radar Analysis of the Impact of Tropical Deforestation on Bird Migration
\$3,000

Halina Skorupska (Assoc Prof)
Agronomy and Soils/Biological Sciences
Assignment of Restriction Fragment Length Polymorphic Loci to Multigene

Families Within the Genus Glycine for Genetic and Breeding Applications
\$3,000

Brenda Rogers (Asst Prof)
Elementary/Secondary Education
An Analysis of the Metacognitive Content of Guided Reading Statements in the Basal Readers Grades One through Eight
\$2,735

Debra King (Asst Prof)
Psychology
Analogical Transfer in Undergraduate Students
\$3,000

John Rickard (Asst Prof)
English
Joyces's Book of Memory: Repression and Recollection in Ulysses
\$3,000

Mica Grujicic (Asst Prof)
Mechanical Engineering
Manufacturing of New Metallic Materials by Mechanical Alloying
\$2,500

William V. Baird (Asst Prof)
Horticulture
Genetic Characterization of Herbicide Resistant Goosegrass Eleusine Indica
\$3,000

James Muncy (Asst Prof)
Marketing
The Effects of Perceived Brand Differences and Involvement on Consumer Decision Making
\$2,000

Social (cont.)

emphasize the University's heightened concern about the welfare of the students." In brief, policy highlights are:

1. Any department or University functions serving alcohol with underage or undergraduate students involved must follow these rules:

- You must register the function with student development four working days in advance. (Even if not serving alcohol, your function must be registered at least one day in advance.)

- You must have designated non-drinkers to check IDs, to serve drinks and to oversee the function.

- You must wear a wristband if you are of legal drinking age.

- You must also hire an "officer on duty" assigned to you by student development.

2. If alcohol is served, no money may change hands at the event, according to state law.

3. Kegs are not allowed anywhere on campus (beer may be served only in cans).

For details, call the student development office at 656-0511.

Certified Professional Secretaries

Members of the Clemson Chapter of Professional Secretaries International who obtained the Certified Professional Secretary rating in May 1989 are: **Debra Franks** (Biology Program), **Maria Holliday** (Internal Auditing), **Marianne Pekrul** (University Union), **Carole Rotenbury** (Housing) and **Ann Sligh** (Housing).

The CPS rating is the highest proficiency rating awarded to professional secretaries. The examination, which is administered at Clemson, is an intensive two-day test covering six areas of business practice: behavioral science in business, business law, economics and management, accounting, office administration and communication and office technology.

Departmental notes

Agricultural Economics and Rural Sociology

David L. Barkley (Prof) published "Contributions of High-Tech Manufacturing to Rural Economics" in Rural Development Perspectives.

J.W. Jordan (Prof) participated in the American Bankers Association National Task Force on Financial Standards for Agriculture in St. Louis Nov. 10-11.

Jordan chaired a session of the Southern Regional Outlook Conference in Atlanta Sept. 25-27.

K.H. Kahl (Prof) discussed "A Simple Risk-Reducing Cross-Hedging Strategy: Using Soybean Oil Futures with Fish Oil Sales" at the second annual European Futures Research Symposium in Jouy-en-Josas, France, Sept. 21-22.

R.W. Sutton (Prof), M.I. Loyd (Prof) and G.L. Bradford (Head) published "Adjustments in Flue-Cured Tobacco Markets" in Current Issues in Tobacco Economics.

Loyd and Bradford published "The 1985 Tobacco Improvement Act: Analysis of Achievements and Unfinished Business" in Current Issues in Tobacco Economics.

Biological Sciences

At the 24th Annual Southeastern Regional Lipid Conference in Cashiers, N.C., Oct. 25-27:

Gary L. Powell (Prof), Dorota A. Abramovitch (Res Assoc) and D. March (Max-Planck Institute) presented the slide show "Synthesis and Ploymorphic Behavior of Cardiolipin Analogues Diphosphatidylpropylene glycol and Diphosphatidylethylene glycol."

Powell, Albert G. Abbott (Assoc Prof), J. Barth (Grad Stu), R.L. Smith and D.A. Knauff (Univ of Fla) presented the poster "Plantlets from Peanut Strains with Oil Low in Polyunsaturated Fatty Acid Make Normal Concentrations of Polyunsaturated Fatty Acids."

Powell, Abramovitch and F. Andy Norris (Grad Stu) presented the slide show "The Proton Permeability Coefficient Across Phospholipid Bilayers as a Function of pH."

Ceramic Engineering

At the fall meeting of the Materials & Equipment and Whitewares Division of the American Ceramic Society in Huron,

Ohio, Oct. 4-6:

D.R. Dinger (Asst Prof) and J.E. Funk (Adj Prof) received the 1989 John Marquis Memorial Award from the Whitewares Division of the American Ceramic Society Inc. for the paper "Slip Control Using Particle Size Analysis and Specific Surface Area."

Dinger and Funk presented "Particle Crowding Index Calculations from Sedigraph 5100 Data."

Dinger and Funk presented "Modelling the Slip Casting Process."

Dinger presented "Expert Systems for Use in Ceramic Processing."

Chemistry

R.A. Abramovitch (Prof) presented "Nitrenium Ions" at Florida Atlantic University in Boca Raton, Fla., Oct. 27.

Abramovitch, A.J.C. de Souza, G. del Ponte, J. Miller and A.F. Neto (all of Univ of Sao Paulo) presented "Synthesis of Dibenzocyclo-octadienes" at the third Brazilian meeting on Organic Synthesis in Sao Carlos, Brazil.

Abramovitch presented "Aspects of Nitrenium Ion Chemistry" at the University of Georgia, Nov. 8.

K. Dill (Assoc Prof), E.R. Adams (former Grad Stu), E.L. McGown and R.J. O'Connor (Letterman Army Institute) presented "Structure and Dynamics of a Lipid Acid-Arsenical Adduct" at the 24th annual Southeastern Regional Lipid Conference in Cashiers, N.C., Oct. 25-27.

Elementary and Secondary Education

William Pennscott (Prof), Susan J.S. Lasser (PEER Coord, Coll of Eng) and Carol Emanuel (former Stu) presented "The Use of Non-Cognitive Variables to Affect Retention of Black Engineering Students at a Predominantly White University" at the fifth international conference on Life Options for Exceptional Individuals in Atlanta.

English

Sterling Eisiminger (Assoc Prof) published "Attic Saga" in the Fall 1989 issue of The MacGuffin.

Eisiminger published "Umbilical Theory" in The St. Andrews Review.

Roger Rollin (Lemon Prof) edited The Americanization of the Global Village: Essays in Comparative Popular Culture. He also wrote the book's introductory

essay.

Carol M. Ward (Assoc Prof) published Mae West: A Bio-Bibliography.

Ward reviewed The Marx Brothers: A Bio-Bibliography in the winter issue of Post Script.

Ward reviewed Strands in the summer issue of Independent Spirit.

Ward reviewed Aimar's Drugstore: A Memory in the Winter 1989 issue of Independent Spirit.

Ward presented "Sex and the Singular Girl: Siesta as Novel, Screenplay, and Film" at the Popular Culture Association in the South in October.

Entomology

G.R. Carner (Prof) and W.C. Yearian (Univ of Arkansas) published "Development and Use of Microbial Agents For Control of Heliothis spp. in the USA" in the proceedings of the Workshop on Biological Control of Heliothis in New Delhi, India.

Carner presented "Impact of the Fungal Pathogen, Pandora Gammae on Populations of the Soybean Looper in South Carolina" at the annual meeting of the S.C. Entomological Society in Florence, Nov. 9-10.

J.D. Culin (Assoc Prof) presented "Using the Current Literature for Teaching Entomology to Nonscience Majors" at the Formal Teaching Conference of the Entomological Society of America in San Antonio, Texas.

Culin presented "Comparison of Dipel ES, Javelin and Heliothis NPV for Management of Corn Earworm, Heliothis zea, populations in Pre-tassel Field Corn" at the S.C. Entomological Society meeting in Florence.

Clyde S. Gorsuch (Prof) co-moderated "Communicating Entomology: Management of Entomological Information" and presented "Clemson University Forestry and Agriculture Network (CUFAN)" at the Entomological Society of American national conference in San Antonio, Dec. 10-14.

Gorsuch, Glenn T. Lee (former Grad Stu) and David R. Alverson (Prof) published "Arthropod Species Collected From Peach Trees in South Carolina Utilizing a Whole-Tree Sampling Method" in the October issue of The Journal of Agricultural Entomology.

Gorsuch, Randy E. McWhorter (Ag Sci

Assoc III) and David C. Scarborough (Info Res Consult I) received certificates of appreciation from the U.S. Department of Agriculture for significant contributions and dedication to the Cooperative Agricultural Pest Survey Program in the PPQ Southeastern Region in San Antonio, Jan 8-11.

J.C. Morse (Prof), S.W. Hamilton (former Grad Stu) and K.M. Hoffman (Entom I) published "Aquatic Insects of Lake Jocassee Catchment in North and South Carolina, with Descriptions of Four New Species of Caddisflies (Trichoptera)" in The Journal of the Elisha Mitchell Scientific Society.

Karen C. Saucier (Asst Prof) presented "Detection of a Polymorphic Band Cosegregating in Isogenic Populations of *Heliopsis virescens* with the Permethrin-Resistant Phenotype" at the International Symposium on Insect Molecular Science in Tucson, Ariz., Oct. 24.

Facilities Maintenance & Operations

Daniel C. Herr received a Cost-Reduction Incentive Award and was invited to submit his article "A Different Approach to Establishing In-House Asbestos Abatement Team" for possible publication in The Journal of College Services Administration.

Fertilizer and Pesticide Control

Von McCaskill (Head) chaired the national meeting of the State FIFRA Issues Research and Evaluation Group in Washington, D.C., Dec. 18-19.

McCaskill was a panelist for "Ramifications of Amendments to the Federal Law" and "The State/Federal Partnership" at EPA's Pesticide and Toxics National Compliance meeting in Philadelphia, Nov. 29-30.

Food Science

R.L. Thomas (Prof), M.E. Kunkel (Assoc Prof), L.A. Dyck (Prof, Bio Sci) and Y.W. Ha (Grad Stu) published "Calcium Binding of Two Microalgal Polysaccharides and Selected Industrial Hydrogels" in the Journal of Food Science.

Forestry

A.T. Sherin (Lect) and M.H. Bruner (former Prof) published "Differential Response to Drought by Yellow-Poplar and Associated Oak Species" in Clemson University Forestry Bulletin.

G.D. Kessler (Prof) published "What

About Tomorrow's Forest?" in Clemson University Cooperative Extension Services Circular.

The following were published in the proceedings of "Pine-Hardwood Mixtures: A Symposium on Management and Ecology of the Type" held in Atlanta, April 18-19:

J.L. Haymond (Asst Prof), T.A. Waldrop (Adj Asst Prof), D.H. Van Lear (Prof) and D.R. Geisinger (Grad Stu) published "Sprout Growth Following Winter and Spring Felling With and Without Summer Broadcast Burning."

S.M. Jones (Asst Prof) published "Applications of Landscape Ecosystem Classification in Identifying Productive Potential of Pine-Hardwood Stands."

Jones, L.E. Nix (Assoc Prof) and T.F. Ruckelshaus (Grad Stu) published "Early Crop Tree Presence in Upland Pine-Hardwood Stands Related to Site Quality and Preharvest Stand Condition."

A.W.C. Lee (Prof) and P.H. Short (Miss St Univ) published "Pretreating Hardwood for Cement-bonded Excelsior Board" in Forest Products Journal.

S.C. Leob (Adj Asst Prof) and M.R. Lennartz (Adj Prof) published "The Fox Squirrel (*Sciurus niger*) in Southeastern Pine-Hardwood Forests."

F.T. Lloyd (Adj Assoc Prof) published "Linking Stand-Level and Individual-Tree Growth Stimulators for Mixed Species Stands."

Lloyd, T.A. Waldrop (Adj Asst Prof) and J.A. Abercrombie Jr. (USDA For Serv) published "Fell and Burn to Regenerate Mixed Pine-Hardwood Stands: An Overview of Research on Stand Development."

Abercrombie and Haymond published "Working With Nature: Pine-Hardwood Mixtures (Video Tape).

Van Lear and P.R. Kapeluck (Res For) published "Fell and Burn to Regenerate Mixed Pine-Hardwood Stands: An Overview of Effects on Soil."

R. Zahner (Prof) and G.W. Smalley (Southern Forest Exp Sta) published "Site Quality: The Ecological Basis for Pine-Hardwood Management Decisions."

History

Elizabeth Carney (Assoc Prof) presented "Foreign Influence and the Changing Role of Royal Macedonian Women" at the sixth International Symposium on Ancient Macedonia, in Thessalonika, Greece, Oct. 12.

Carney chaired "Status and Gender in the Ancient World" at the American Philological Association in Boston.

Carney was elected co-chair of the Women's Classical Caucus for 1990.

Richard M. Golden (Prof) reviewed Noel Aubert de Verse: A Study in the Concept of Toleration in the American Historical Review in December.

Thomas Kuehn (Assoc Prof) published "Reading Microhistory: The Example of Giovanni and Lusanna" in the Journal of Modern History.

Edwin E. Moise (Prof) published "Tonkin Gulf: Reconsidered" in New Interpretations in Naval History.

Moise reviewed The Fate of the Peasantry: Premature Transition to Socialism in the Democratic Republic of Vietnam in the March issue of the Journal of Southeast Asian Studies.

Home Economics

L.L. Gardner (Prof), as part of a Fulbright Exchange, worked on problems of home moisture damage and housing accessibility for elderly and handicapped at Heriot-Watt University in Edinburgh, Scotland, Oct. 4-21.

Gardner presented "Reducing Housing Costs: Design and Construction to Prevent Home Moisture Damage" at the World Congress on Housing in Oporto, Portugal, Oct. 24.

Gardner presented "Housing Education Work in the S.C. Cooperative Extension Service" at Heriot-Watt University in Scotland.

Gardner (Prof) presented "Housing Accessibility for the Life Cycle" at the University of Georgia.

Gardner was elected vice president of the American Association of Housing Educators for 1989-90.

Horticulture

Ted Whitwell (Prof) was named the South's Outstanding Young Weed Scientist of 1989 at the Southern Weed Science Society's annual meeting in Atlanta.

Industrial Education

D.G. Tesolowski (Prof) received a plaque from the National Association of Industrial and Technical Teacher Educators for his role as assistant editor on volumes 26 and 27 of the Journal of Industrial Teacher Education.

Tesolowski, A.F. Newton (Prof) and J.L. Gossett (Champion International

Corp.) published "The Textile Plant of the Future" in the Training and Development Journal.

Tesolowski presented "Writing for the Journal of Industrial Teacher Education" at a symposium of the 83rd annual American Vocational Association convention in Orlando, Dec. 1-5.

Tesolowski, J.J. Kaufman (Univ. of Idaho) and G.L. Roth (N Illinois Univ) published "Developing a System to Facilitate the Instructor's Role in Implementing Computer Based Instruction" in the Journal of Research on Computing in Education.

Industrial Management

The bachelor's program in Industrial Management was awarded a commendation for excellence by the S.C. Commission on Higher Education.

Languages

Gloria Bautista (Asst Prof, Spanish) published "Feminismo y Religion En Cronica De Una Muerte Anunciada" in De Ficciones y Realidades.

Bautista published "El Arquetipo Femenino En Cien Años De Soledad" in Violencia y Literatura en Columbia.

Helene M. Riley (Prof, German) presented "Four Strategies for an Early Maturing of Language and Literature: Literature as a Cultural Document" at the Conference of the American Council on the Teaching of Foreign Languages in Boston, Nov. 18.

Riley participated in the seminar on the teaching of German arranged by the Goethe-Institute and Georgia Southern College in Savannah, Jan. 12-14.

Margit M. Sinka (Prof, German) served as Secretary of the German I Session of SAMLA and was elected chair of the 1990 German I Section of SAMLA: Pre-1750 German Literature, Nov. 10.

Sinka presented "Musik in Unterricht" to the Atlanta Goethe Institute at the S.C. Association of German Teachers annual meeting held at the University of South Carolina-Spartanburg Oct. 6.

Sinka chaired "Christa Wolf's Kindheitmuster" and "Literature, Philosophy, and the Dionysian" at the annual meeting of the American Association of German Teachers in Boston Nov. 17-20.

Sinka chaired "The Presence of the Past in Contemporary German Literature" at the Mountain Interstate Foreign Language Conference in Clemson Sept. 30.

Sinka was elected secretary of the American Association of German Teachers Breakfast Committee for the 1990 SAMLA meeting Nov. 11.

Jose I. Suarez (Assoc Prof) presented "The Language & International Trade Program" and chaired "Cross Cultural Business & Professional Negotiations With Spanish Speaking Clients" at the International Studies and Foreign Language Conference at the University of Central Florida in Orlando Nov. 7-9.

Management

V. Sridharan (Asst Prof) presented "The Effect of Safety Stock and Freezing on Schedule Instability" [coauthored by R.L. LaForge (Prof)], "Manufacturing Strategies, Control Systems and Performance: Relationships and Implications" [coauthored by W.E. Newman (Univ of Miami) and S.C. Chapman (Univ of North Carolina)], "New Technology Implementation: Problems and a Solution" [coauthored by W.E. Newman] at the Decision Sciences Institute annual meeting in New Orleans, Nov. 21-23.

Sridharan also chaired "Operation of Cellular Systems" and "Production Planning and Scheduling."

Sridharan and J.J. Kanet (Prof) published "Resource Scheduling Using A Leaststand: An Assessment" in the proceedings of the 25th annual meeting of the Southeast TIMS Oct. 5-6.

Sridharan presented "Frozen Schedules and Service Level" [coauthored by LaForge] and "Empirical Relationships: Environment, Process, Control System and Performance" [coauthored by Newman] at the annual meeting of the Institute of Management Sciences in New York Oct. 16-18.

Marketing

Mary C. LaForge (Assoc Prof) published "Learned Helplessness as an Explanation of Elderly Consumer Complaint Behavior" in Journal of Business Ethics.

LaForge and Louis H. Stone (Industry Consultant) published "An Analysis of the Industrial Buying Center by Means of Communication" in the Journal of Business and Industrial Marketing.

LaForge presented "An Analysis of Consumer Reactions to Processed Poultry Products" [coauthored by Stone] at the Atlantic Marketing Association Conference in Orlando. The paper will be published in proceedings/Marketing Theory and Practice: Developments for the 90s.

lished in proceedings/Marketing Theory and Practice: Developments for the 90s.

Mathematical Sciences

Michael M. Kostreva (Prof) published "Generalization of Murty's Direct Algorithm to Linear and Convex Quadratic Programming" in the Journal of Optimization Theory and Applications.

Kostreva published "Nurse Preferences vs. Circadian Rhythms in Scheduling" [coauthored by P. Genevieve (former Grad Stu)] in Nursing Management.

Kostreva published "Nonconvexity in Noncooperative Game Theory" in the International Journal of Game Theory.

Kostreva presented "The Core Parameters of Parameterized Nonlinear Equation Systems" at the third Society for Industrial and Applied Mathematics Conference on Optimization in Boston, April 3-5.

Kostreva presented "Multiple Objective Programming with Polynomial Objectives and Constraints" at the CORS/TIMS/ORSA Joint National Meeting in Vancouver, B.C. in May.

Kostreva presented "Nurse Scheduling on a Microcomputer" at the ORSA/TIMS Joint National Meeting in New York Oct. 16-18.

Kostreva presented "Solving Nonconvex Noncooperative Games" to the Department of Economics and Statistics at the GTE Laboratories Inc. in Waltham, Mass., in November.

Kostreva co-chaired a session on Biological and Medical Systems at the 1989 IEEE International Conference on Systems, Man and Cybernetics in Cambridge, Mass.

Mechanical Engineering

Donald E. Beasley (Assoc Prof) presented "Evaporation From a Packed Bed of Porous Particles Into Superheated Vapor" at the 1989 winter annual meeting of the American Society of Mechanical Engineers in San Francisco Dec. 10-15.

Richard S. Figliola (Assoc Prof) edited a collection of refereed articles in the bound volume "Convection Heat Transfer and Transport Processes" [coauthored by M. Kaviany (Univ of Michigan) and M.A. Ebadian (Florida International Univ)].

Figliola organized and chaired "Convection Heat Transfer" at the 110th winter annual meeting of the American Society of Mechanical Engineers. He also presented "Flow Mechanisms Affecting

Rapid Solidification in Gas Atomization" [coauthored by D. Molnar (Grad Stu) and I. Anderson (AMES Laboratory)].

E. Harry Law (Prof) presented "Dynamics and Control of Four Wheel Steering Automobiles" to the Department of Mechanical Engineering at Villanova University Nov. 17.

Law co-organized the Symposium on Advanced Automotive Technologies at the 1989 ASME winter annual meeting in San Francisco in December. He and Xia Xunmao (Grad Stu, M.E.) presented "Response of Four Wheel Steering Automobiles in Combined Steering and Braking Inputs." Law also chaired the Transportation Committee Meeting of the Applied Mechanics Division of ASME and attended the editorial board meeting of the ASME Journal of Dynamic Systems, Measurement and Control, of which he is an associate editor. He will co-edit the proceedings.

Ting Wang (Assoc Prof) presented "An Investigation of Turbulent Prandtl Number and Reynolds Analogy in Transitional Boundary Layers" at the second ONR Propulsion Meeting in Irvine, Calif., in Oct.

News Services

The department received awards of merit for overall program improvement, feature stories and general news in the Council for Advancement and Support of Education District III awards competition.

Parks, Recreation and Tourism Management

L.R. Allen (Head) presented "The Value of Leisure Services and Revenue Generation Strategies" and "Strategic Marketing Principles and Concepts for Leisure Services" at the European Recreation Society Annual Conference in Garmisch, Germany.

Jack Stevenson (Prof) received a plaque for his leadership as 1988-89 president of the S.C. Association for Marriage and Family Therapy and for contributions as the group's "outstanding member."

Performing Arts

Richard Goodstein (Assoc Prof) was elected State Secretary for the International Association of Jazz Educators.

Cynthia Scully (Asst Prof) performed "Winter concerto" from The Four Seasons by Vivaldi as a guest soloist at the Pops Centennial Orchestra Nov. 12 in Tillman

Auditorium.

Scully and Lillian Harder (Assoc Prof) performed a violin and piano duo at Bob Jones University at the S.C. Music Teachers Convention, Nov. 9.

Philosophy and Religion

Charles H. Lippy (Prof) published The Christadelphians in North America in December.

Lippy reviewed Cults: Faith, Healing and Coercion in the October issue of Choice.

Lippy reviewed Mine Eyes Have Seen the Glory: A Journey Into the Evangelical Subculture in America in the December issue of Choice.

Lippy chaired the Schaff Prize Committee that selected the best book published in North America in the history of Christianity for 1988 at the annual meeting of the American Society of Church History in San Francisco Dec. 27-30.

Lippy was elected to the steering committee of the "Men's Issues in Religion" at the annual meeting of the American Academy of Religion in Anaheim, Nov. 18-22.

Plant Pathology & Physiology

Luther W. Baxter Jr. (Prof) and Sally B. Segars (Ag Sci Assoc) published the following in the November issue of The Camellia Journal: "Observations on Growing Camellia oleifera Plants in Soilless Mixtures," "Thoughts on Camellia Flower Blight," "Notes on Germinating Seeds of Camellia sasanqua," and "A Note on the Camellia Flower Blight Fungus."

Political Science

Michael A. Morris (Prof) was a pannelist for "Governments in Exile."

Morris chaired and discussed "Civil War and Revolution in the Middle East" at the George Washington University International Studies Conference Oct. 26.

Morris and Bernard Schectmen (Univ. of Miami) wrote Violence and Terrorism.

Charles W. Dunn (Head) was elected chairman of the U.S. Board of Foreign Scholarships, a 12-member presidentially appointed panel that oversees the Fulbright student and faculty awards programs in the United States and abroad.

Research (Nursing)

Mary de Chesnay (Prof) published "Child Sexual Abuse as an International

Health Problem" in the International Nursing Review.

Sociology

John Michael Coggeshall (Asst Prof) presented "Carbon-copy Towns?: The Influence of Coal Mining on Ethnic Folklife in Southern Illinois" at the 1989 American Folklore Society's annual meeting in Philadelphia in October.

Coggeshall presented "Ethnography 101: Teaching Strategies" at the 1989 American Anthropological Association annual meeting in Washington in November.

Coggeshall organized and chaired "Teaching Ethnography: Strategies and Applications" at the 1989 American Anthropological Association annual meeting in Washington in November.

William M. Wentworth (Assoc Prof) published "A Dialectical Conception of Religion and Religious Movements in Modern Society" in Religion and the Political Order.

Kinly Sturkie (Assoc Prof) was elected president of the State Board of Examiners for Licensed Professional Counselors, Associate Counselors and Marital and Family Therapists. Sturkie was appointed to the board in 1987 by Gov. Carroll Campbell.

Textiles

E.A. Vaughn (Prof) published "Highloft Nonwovens- A Definition of the Market" in the INDA Journal of Nonwovens Research.

Vaughn presented "Fiber Requirements for Present and Future Nonwoven Fabrics" at the Conference of Nonwoven Fabric Science and Technology at Osaka, Japan, Oct. 31.

Vaughn spoke at the High Performance Paper Society of Japan's 28th Annual Conference in Koch, Japan, Nov. 1-2.

Vaughn presented "Textile- and Polymer-Based Nonwoven Fabric Technologies: Current Status and Recent Developments In the U.S. and Their Relationship To Traditional Paper-Based Nonwovens" at the Internationalization and High Performance Papers Conference.

More departmental notes will run in an upcoming issue.

Dates to remember:Wednesday, March 14

— Baseball: Marshall. 3 p.m., Tiger Field. (656-2101)

Thursday, March 15

— Lecture: "New Directions in American Foreign Policies" by Sen. Joseph R. Biden Jr. (D-Del.). 8 p.m., Thurmond Institute Auditorium. (Donna Zimmerman, 656-4700)

— Lecture: "Compressive Strength of High Performance Fibers" by Satish Kumar, Georgia Tech. 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

— Deadline for Delta Sigma Pi Golf Tournament. For faculty, staff and students. Chickasaw Point Golf Club. \$25 includes meal, t-shirt and 18 holes with golf cart. (Dan Askins, 656-7632)

Friday, March 16

— Last day to withdraw from class or the university without final grades.

— Seminar: New Employee Orientation. (Personnel Services, 656-2426)

— Baseball: Maryland. 3 p.m., Tiger Field. (656-2101)

Saturday, March 17

— Baseball: Maryland. 2 p.m., Tiger Field. (656-2101)

Sunday, March 18

— Baseball: Maryland. 2 p.m., Tiger Field. (656-2101)

Monday, March 19

— Baseball: Ohio University. 3 p.m., Tiger Field. (656-2101)

March 19-23

— Spring Break for students.

March 20-21

— Seminar: "Fuel Combustion & Kiln Control." Student Senate Chamber. (Continuing Engineering Education, 656-3308)

Tuesday, March 20

— Seminar: "Business Procedures." ** CANCELLED **

Wednesday, March 20

— Baseball: Ohio University. 3 p.m., Tiger Field. (656-2101)

March 22-23

— Spring Break for employees.

Monday, March 26

— Baseball: Costal Carolina. 3 p.m., Tiger Field. (656-2101)

— Lecture: "Revitalizing Student Activism in the 90s" by Martin Luther King III. 8 p.m., Thurmond Institute Auditorium. (Donna Zimmerman, 656-4700)

Tuesday, March 27

— Baseball: Costal Carolina. 3 p.m., Tiger Field. (656-2101)

— Southern Circuit Film Series: "The Persnickety Bunch" by filmmaker Tom Megalis. Presentation is a collection of short films and videos mixing live action with animation and puppets. 8 p.m., Daniel Auditorium. Free. (Liberal Arts, Carol Ward, 656-5415)

Friday, March 30

— Seminar: New Employee Orientation. (Personnel Services, 656-2426)

— Seminar: "The Effective Secretary." \$30. (Personnel Services, 656-2426)

— Hunter Honors Colloquium in Bioengineering: "Ethical Issues at the Interface Between Engineering and Medicine." 8:30 a.m.-4 p.m., Thurmond Institute Auditorium. (Bioengineering Dept., 656-3051)

Saturday, March 31

— Honors and Awards Day.

— President's Honors and Awards Day Luncheon. Noon, Clemson House Clemson Room.

— Tiger Trot. 5K, 10K, walking, bicycle, co-ed volleyball tourney. Starts at Calhoun Courts. (East Campus Housing Office 656-2341).

Sunday, April 1

— Baseball: South Carolina. 2 p.m., Tiger Field. (656-2101)

— Delta Sigma Pi Golf Tournament. For faculty, staff and students. Chickasaw Point Golf Club. \$25 includes meal, t-shirt and 18 holes with golf cart. (Dan Askins, 656-7632)

Monday, April 2

— Lecture: "Mass Extinction" by Norman Myers (international authority on environmental issues). 1:30 p.m., Thurmond Institute Auditorium. (Calhoun College Honors Program, Jack Stevenson, 656-4762)

• Spring Break for employees is March 22-23.

• There will be no *Clemson Weekly* March 21.

• The next *Clemson Weekly* will be March 28.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, March 16, for March 28 issue.**

Applications for 1990-91 Provost Research Awards are due in the office of university research by Friday, March 30. For details and application forms, call 656-5032.



Clemson

WEEKLY

Vol. 29, No. 31

Wednesday, March 28, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

April 8 festival to showcase international culture, customs, food

Now's your chance to share a little slice of your culture.

Whether you're of Russian, Indian, Chinese or Japanese descent — even if you have "more domestic" roots — you can participate in the third International Festival Sunday, April 8, from 1-5 p.m. at the Y-Barn at Y-Beach.

"We want anyone who is willing to participate in any way to call us at 656-2457," says coordinator Priscilla Phillips of the office of international programs and services.

Festival entertainment is to

include jugglers, belly dancers, vocalists and an international fashion show, not to mention samplings of food from around the world.

However, the event will be more than just a "food" festival as it has been in years past, says Phillips. "While the food remains an important aspect of the event, this year's festival is focusing on a larger scale sampling of the different cultures," she says.

Tickets for the event will be sold in 50-cent increments and can be purchased in advance from international programs and services in E-208 Martin Hall.

Tickets also will be available at the festival, and most items will be available for less than \$2.

Minimum wage increases

Those employees affected by the recent increase in the federal minimum wage will see the results of that new legislation in their April 13 paychecks.

In accordance with the Federal Fair Labor Standards Act Amendments of 1989, the new minimum wage was raised to \$3.80 per hour (up from \$3.35 per hour). In addition, the minimum wage will increase again in the spring of 1991 to \$4.25 per hour.

The increases affect about 2,500 temporary and student workers.

Departments will absorb the increases and will not be required to submit Personnel Action Forms (CUBO-402).

For questions, call wage and salary administration at 656-2723.

Chain letters violate University policy

The reappearance of inter-office chain letters has prompted the campus post office to warn employees against participation in such activities.

Chain letters using University resources (mailing labels, inter-office envelopes, employee time on the job) violate Clemson's policy on the misuse of funds and property (Section X.2.7 of the *C.U. Personnel Manual*). Violators are subject to progressive discipline actions ranging from verbal or written reprimands to dismissal from the University.

If you receive chain letters while on the job — or if you have any information about them — call Postmaster Katrina Skelton at 656-2351.

Learn how to deal with the media

The news services department is offering free, in-house media training workshops to help faculty, staff and administrators learn how to deal with reporters more effectively.

The workshop, which requires about two hours, covers:

- What to do when a reporter calls
- Requirements of the S.C. Freedom of Information Act
- Tips on preparing for an interview
- Advice on handling adversarial interviews
- Special considerations for television interviews
- University media policies and procedures
- Answers to your questions about the news media

"The workshop is for everyone who has a Clemson-related message to communicate to the general public and who wants to communicate that message as effectively as possible," says Cathy Sams, director of news services.

"It's intended to help everyone who produces, handles or stores public information and for everyone who benefits when the University's image is enhanced. In short, it's for everyone."

To schedule a workshop for your department, call Sams at 656-2061 or 656-3864.

Starting in April, new employee orientation will be held only on the first payday of each month (rather than every two weeks).

Dates to remember:

All events, unless otherwise noted, are free.

Wednesday, March 28

— Panel discussion: "Part-time, Temporary and Visiting Faculty." 4 p.m., Jordan Room. (American Association of University Professors, John Huffman, 656-3133)

Thursday, March 29

— Film: "Do the Right Thing" by producer-writer-director Spike Lee. 3:30 p.m., Daniel Auditorium. Lee combines humor and drama to expose the absurdity and danger of racism. (English Dept., Mark Charney, 656-5405)
— Reading: African American poet Nikki Finney will read from her book, "On Wings Made of Gauze." 8 p.m., Daniel Auditorium. (Women's Voices in the New South/English Dept., Mark Winchell, 656-3229)

March 29-31

— Festival: 4-H Mini-Fair. Foothills Mall, Easley. Features a variety of 4-H projects from computers to animals and includes a compact tractor race, a bicycle rodeo and a home and garden show. (Pickens Co. Extension Office, Talley West or Howard Hiller, 868-2810)

Friday, March 30

— Deadline for applications for 1990-91 Provost Research Awards. (University Research, 656-5032)
— Computer Short Course: Introduction to DOS. 10 a.m., 103 Daniel. (CTS Help Desk, 656-3494)
— New Employee Orientation. (Personnel Services, 656-2426)
— Personnel Seminar: "The Effective Secretary." ** CANCELLED **

Saturday, March 31

— President's Honors and Awards Day Luncheon. Noon, Clemson House Clemson Room. (Calhoun College Honors Program, 656-4762)
— Road race: Tiger Trot. 5K, 10K, walking, bicycle, co-ed volleyball tourney. Starts at Calhoun Courts. (East Campus Housing Office, 656-2341).

Sunday, April 1

— Baseball: South Carolina. 2 p.m., Tiger Field. (656-2101)
— Delta Sigma Pi Golf Tournament. For faculty, staff and students. Chickasaw Point Golf Club. \$25 includes meal, t-shirt and 18 holes with golf cart. (Dan Askins, 656-7632)

Monday, April 2

— Meeting: 1990 Open Enrollment for S.C. Long-Term Care Insurance. 10 a.m., 1:30 p.m., 3:30 p.m., Senate Chamber (Payroll/Employee Benefits, John Ziegler, 656-2000)
— Computer Short Course: Introduction to the Mainframe. 10 a.m., 111 Daniel. (CTS Help Desk, 656-3494)
— Lecture: "Mass Extinction" by Norman Myers (international authority on environmental issues). 1:30 p.m., Thurmond Institute Auditorium. (Calhoun College Honors Program, Jack Stevenson, 656-4762)
— R.C. Edwards Science and Technology Lecture: "Tropical Forests: How They Affect Your Life" by Norman Myers (international authority on environmental issues). 8 p.m., Lyles Auditorium, Lee Hall. (Calhoun College Honors Program, Jack Stevenson, 656-4762)
— Baseball: South Carolina. 7 p.m., Tiger Field. (656-2101)

Monday-Friday, April 2-6

— Preregistration.

Tuesday, April 3

— Meeting: 1990 Open Enrollment for S.C. Long-Term Care Insurance. 8:30 a.m., 10 a.m., 1:30 p.m., Senate Chamber (Payroll/Employee Benefits, John Ziegler, 656-2000)
— Computer Short Course: Introduction to the Macintosh. 11 a.m., M-4 Martin. (CTS Help Desk, 656-3494)
— Briefing lunch. Noon, Alumni Center. \$4. Open to everyone. (Alumni Relations, Mark Eisengrein, 656-2345)
— Lecture: "Global Climate Change" by Norman Myers (international authority on environmental issues). 1:30 p.m., Thurmond Institute Auditorium. (Calhoun College Honors Program, Jack Stevenson, 656-4762)
— Workshop: "Helping Graduate Assistants Become More Effective Teachers." 2-5 p.m., Lee Auditorium. Features 12 C.U. faculty, administrators and graduate students. (Teaching Resources and Effectiveness Committee, Marvin Dixon, 656-5624)
— Lecture: "Rape from the Rapist's Perspective: What Rapists Can Teach Us About Avoiding Rape" by Diana Scully (sociology professor, Virginia Commonwealth University). 8 p.m., Lyles Auditorium, Lee Hall. (Women's Studies Committee/C.U. Rape Crisis Council/Sociology Dept./Sociology Club, Brenda Vander Mey, 656-3821)
— Utsey Chamber Series: Cynthia Scully (Violinist) and Gary Pedersen (Pianist). 8 p.m., Daniel Auditorium. Free. Program includes works by Vivaldi, Beethoven, Brahms and Bartok. (Performing Arts, 656-3043)
— Baseball: East Tennessee. 3 p.m., Tiger Field. (656-2101)
— Clemson town meeting. 7:30 p.m., Thurmond Institute Auditorium. (City of Clemson/Thurmond Institute, Dot Yandle, 654-6630)

Wednesday, April 4

— Computer Short Course: ISPF Editor. 2 p.m., 111 Daniel. (CTS Help Desk, 656-3494)
— Performing Artist Series: Mr. Jack Daniels Original Silver Cornet Band. 8 p.m., Tillman Auditorium. \$6 students, \$8 public. (University Union/Alumni Association, 656-2461).

JOHN M FORD
TRUSTEE HOUSE
5606
NEWS SERVICES


Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is FRIDAY, March 30, for April 11 issue.

Look for more free computer short courses being offered now through April 19.

To register, call the CTS Help Desk at 656-3494.



Clemson

WEEKLY

Vol. 29, No. 32

Wednesday, April 4, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Faculty salary adjustments planned despite 'tight' budget

Although Hurricane Hugo has forced higher education to take a backseat in next year's scramble for state appropriations, the administration still plans to provide funds for faculty salary adjustments.

"We intend, if possible, to enrich the pool of salary adjustments that will come from regular appropriations," President Max Lennon told the Faculty Senate at its March meeting.

"The most recent figures indicate that funding for higher education will be at only 86 percent of the full formula — that's the second lowest level in a decade," Lennon said. "It's going to be a tight budget year, and we must plan for a lower than usual budget."

In other business:

— Mathematical sciences Professor John Luedeman was elected

Faculty Senate News

vice president/president-elect for 1990-91 and Librarian Ken Murr was re-elected secretary. They will join forestry Professor Allen Dunn, the 1990-91 president, as Senate officers for next year.

— A Senate resolution on the evaluation of deans calls for the nine college deans, the dean of the Graduate School and the director of Libraries to be evaluated every five years by the provost, who would report the findings to the president.

A committee in each area (composed of a non-administrative faculty member from each department, a department head and a classified staff member) would evaluate the

dean on such items as maintenance of faculty and staff relationships, supervision of department heads, support of faculty and staff professional activities, and adherence to University policies and procedures

— The Senate also is recommending that no University curriculum committee approve any course that does not have appropriate college sponsorship and that has not been approved by a college curriculum committee.

— Another Senate resolution calls for strengthening the confidentiality of individual faculty members in matters of student evaluations of faculty performance. Specifically, the resolution proposes that any viewing of student evaluations by a department head — without the expressed permission of the faculty

(see Senate on p.2)

Staff Commission news:

Commission wants professional development funds for staff

The Staff Commission is asking the administration for professional development funds for classified staff similar to those requested for faculty recently by the Faculty Senate.

In a resolution passed at its March meeting, the Commission asks that "each manager set aside funding and encourage employees to participate in professional development activities."

In other business, the Commission was updated on on-going efforts to beef up campus security.

Telecommunications Director Randall Davis briefed the Commission on the University's new emergency telephone system.

When completed, the system will feature 28 strategically located, yellow "call boxes" with emergency but-

tons that, once pressed, will automatically dial the police department, identify the caller's location and activate the unit's speakerphone.

Calling them the best of their kind on the market, Davis said the phones have three-minute timers on them to prevent misuse. Also, the call boxes are equipped with a standard keypad and can be used for campus or local calls.

"We want this system to be perceived as a benefit that is useful in more than just emergency situations," said Davis, "and the response so far has been positive."

Davis said 13 phones are operational now with the rest scheduled for activation within a month.

Davis asked that any comments on how to make the system more effective be sent to him at the tele-

communications department.

Also as part of the security effort, the University has begun a two-year, \$325,000 effort to improve campus visibility at night.

Andy Anderson, assistant director for facilities maintenance and operations, told the Commission that the four-phase plan calls for pruning, replacing and/or relocating trees and shrubs in areas of concern. In addition, new lights are being installed across campus, ranging from the standard yellow street lights to special lighting for trees and shrubs.

The plan was developed by the campus lighting and security committee in conjunction with a facilities maintenance assessment that identified areas needing additional landscape or exterior lighting.

Dates to remember:

*All events, unless otherwise noted,
are free.*

Wednesday, April 4

— **Performing Artist Series: "Mr. Jack Daniels Original Silver Cornet Band."** 8 p.m., Tillman Auditorium. \$6 students, \$8 public. (University Union/Alumni Association, 656-2461)

Thursday, April 5

— **Computer Short Course: Introduction to SAS.** 2-3 p.m., 19 Poole Center. (CTS Help Desk, 656-3494)

Friday, April 6

— **Clemson Medallion dinner.** 7 p.m., Clemson House. (Alumni, 656-2345)
— **Student Variety Series: C.U. Chorus.** 8 p.m., Tillman Auditorium. (Performing Arts, 656-3043)
— **Seminar: "Stress Management."** \$15. (Personnel Services, 656-2426)
— **Computer Short Course: Intermediate SAS.** 10-11 a.m., 19 Poole Center. (CTS Help Desk, 656-3494)

Saturday, April 7

— **Orange and White Game.** 1 p.m., Death Valley. (656-2101)

Sunday, April 8

— **International Festival.** 1-5 p.m., Y-Barn at Y-Beach. (International Programs and Services, Priscilla Phillips, 656-4443)

Monday, April 9

— **Meeting: Women in Higher Education Network.** Leah Garrett (Executive Assistant to President Lennon) will speak on "Women in Administration." Noon-1 p.m., Clemson Ramada Inn. \$6.04. (Elaine Hallums, 656-2428)

— **Baseball: South Carolina.** 7 p.m., Tiger Field. (656-2101)
— **Computer Short Course: Introduction to Pagemaker.** 9-10 a.m., 19 Poole Center. (CTS Help Desk, 656-3494)

Tuesday, April 10

— **Computer Short Course: Starting with Hypercard.** 1:30-2:30 p.m., 19 Poole Center. (CTS Help Desk, 656-3494)
— **Meeting: Staff Commission.** 10 a.m., Lehotsky Auditorium. (Judi Nicks, 656-2598)
— **Meeting: Faculty Senate.** 3:30 p.m., Student Senate Chamber. (Gordon Halfacre, 656-4957)
— **Baseball: Appalachian State.** 7 p.m., Tiger Field. (656-2101)

Wednesday, April 11

— **Baseball: Furman.** 7 p.m., Tiger Field. (656-2101)
— **Computer Short Course: ISPF Editor.** 3-4 p.m., 111 Daniel Hall. (CTS Help Desk, 656-3494)

Thursday, April 12

— **Computer Short Course: "Introduction to SAS."** 3-4 p.m., 19 Poole Center. (CTS Help Desk, 656-3494)
— **Meeting: Black Faculty/Staff Association.** 5 p.m., F-149 Poole Center. (Cheryl Adams, 656-4675)
— **Lecture: "Producing Therapeutic Proteins, Amino Acids based Polymers and Fibers via Bioscience-Biotechnology Methodology"** by Nick Harakas (Monsanto Co.). 2 p.m., 100 Earle Hall. (Chemical Engineering, 656-2621)

Friday, April 13

— **Seminar: New Employee Orientation.** (Personnel Services, 656-2426)
— **Baseball: N.C. State.** 7 p.m., Tiger

Field. (656-2101)

— **Computer Short Course: Introduction to DOS.** 1:30-3 p.m., 103 Daniel. (CTS Help Desk, 656-3494)

Saturday, April 14

— **Baseball: N. C. State.** 7 p.m., Tiger Field. (656-2101)

April 14-15

— **Festival: "Concourse Botanique."** 10 a.m.-6 p.m. Saturday/noon-6 p.m., Sunday. Botanical Garden. Spring festival features music, performers, clowns, storytellers. (Botanical Garden, Ernie Denny, 656-3403)

New water coolers

Facilities maintenance and operations has replaced several water coolers on campus that did not meet U.S. Environmental Protection Agency standards for lead content in drinking water.

New coolers have been installed in the basements of Freeman and Tillman halls, on the third floor of Brackett, on the fourth floor of Norris, on the first floor of Geer and on the 10th floor of Lever.

In all, 466 water coolers were tested, and only those six flunked the EPA lead-content standard of 50 parts per billion. Samples were taken early in the morning when lead concentrations tend to be highest.

University Engineer Jim Hanna says there is no problem with Clemson's water supply, which comes from Duke Power Co. in Anderson. The University made the switch to that system last July to better accommodate growing campus demand.

Senate (cont. from p. 1)

member or departmental guidelines allowing for such conduct — would be a direct violation of the *Faculty Manual*.

— The Senate is encouraging open discussion of faculty salary adjustment procedures and, because the procedures vary from college to college, is recommending that administrators be required to reveal which system is in use.

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Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE** is **FRIDAY, April 6**, for April 18 issue.



Clemson

WEEKLY

Vol. 29, No. 33

Wednesday, April 11, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Spring festival set for Easter weekend in Botanical Garden

Easter weekend, April 14-15, will spotlight Concourse Botanique, the annual springtime educational and cultural festival held at the Botanical Garden.

"This year's big attraction will be an Easter egg hunt with some special 'prize' eggs for the lucky ones," says festival director Ernie Denny.

The egg hunt, which will kick-off at noon on Saturday, is sponsored by the City of Clemson, the Clemson Track and Trail Club, Clemson Area Chamber of Commerce and local Brownie troop No. 424.

In addition to the Easter egg hunt, Denny says, many local talents will entertain in the garden from 10 a.m. until sunset on Saturday and from noon until sunset on Sunday.

Saturday's musical performances include: wind ensemble the Clemson Recorder Society; baroque ensemble I Musici del Piemonte; hammer dulcimerist Paula Huesinkveld; and country band Cow in the Ditch.

Sunday's entertainment lineup is: classical violinist Hong-Yi Hong; I Musici de Piemonte; country-funk band Nubbin Ridge; and traditional Appalachian music performer Ellison Smith.

In addition to music, the festival will feature:

- Storyteller Wilene Shumpert (guaranteed to captivate young and old alike, says Denny)
- Nature walks through the garden at 2 p.m. and 3 p.m. on both days
- Free tethered balloon rides (weather permitting) from Why

Not Balloon Inc.

- A houseplant sale, sponsored by the Botanical Garden volunteers
- An heirloom crafts exhibit and sale
- A children's art exhibit, courtesy of the classes of Carole Tinsley, Ginger Seabeck-Royce, and Brenda Bowers
- Horticulture seminars by Roy Ogle, Clemson horticulture professor emeritus, who will discuss home vegetable gardening, and David Bradshaw, director of the Botanical Garden, who will speak on water gardening.

Also, horticulture graduate student Rebecca Bull will discuss home landscape design, and Edmund Taylor, a private horticulturist, will speak on growing lillies in South Carolina.

Two awarded Clemson Medallion

Two company presidents are the most recent recipients of the University's top public award — The Clemson Medallion.

William Green DesChamps Jr. of Bishopville and Milton Winford Holcombe of Dallas, Texas, received the award, which recognizes distinguished public service and significant support for Clemson, at a campus banquet April 6.

DesChamps, a 1938 Clemson graduate, is president and treasurer of Bishopville Petroleum Inc. He also is vice president of a second corporation, which operates convenience stores.

DesChamps' 50 years of continuous service to Clemson includes 15 years on the Board of Trustees, of which he is a life member.

His public service includes five years in the S.C. Senate and eight years in the S.C. House of Representatives.

Holcombe's professional career in electronics and telecommunications includes the development of the airborne command post for the U.S. Air Force.

In 1970 he co-founded Electrospace Systems Inc., which was acquired by Chrysler in 1987. He currently is president of Chrysler Technologies Airborne Systems Inc. of Waco, Texas.

The Central native and 1953 Clemson graduate is a member of the College of Engineering Advisory Board and of the Clemson University Foundation's board of directors.

In 1987 he and his wife, Betty,

CUCO presents premiere concert

The Clemson University Chamber Orchestra (CUCO) will present its premiere concert Tuesday, April 17, at 8 p.m. in Tillman Auditorium.

The program includes the Bach Double Violin Concerto with Catherine Crowe and Cynthia Scully as soloists, Mozart's Symphony #29 in A major, Barber's "Adagio for Strings" and Holst's "St. Paul's Suite".

The concert is free.

For details, call 656-3043.

became lead donors in the \$62-million Campaign for Clemson by establishing an endowment to fund a faculty chair in the electrical and computer engineering department.

— Staff Commission nominations —

Nominees for election to open seats on the Commission on Classified Staff Affairs are (not all of the seven vice presidential areas have vacancies for 1990-91):

Academic Affairs *Computer Center/DAPS/DCIT* (one vacancy)

Tony G. Anderson, DCIT
Kathy Hunter, DCIT
Lib Mills, DAPS
James A. Sadler Jr., DCIT

Sciences/Graduate School (one vacancy)

Phyllis Brown, Mathematical Sciences
Jere Courtney, Graduate School
Janie Dillon, College of Sciences
Elizabeth "Cina" Dimaria, OIPS/
Graduate School
Brenda Goodman, Graduate School
April Haynes, Mathematical Sciences
Fred Herring, Chemistry
Stanlee Miller, Biological Sciences
Betty Newton, Earth Sciences
Kaye Rackley, Graduate School
Dorothy Stirewalt, College of
Sciences
Linda Westbrook, Physics and
Astronomy
Carol Williams, Computer Science
Martin Fowler, Biological Sciences

Agriculture and Natural Resources *Division-Wide* (one vacancy)

James Arnold, Horticulture
Janice Bishop, Agricultural
Experiment Station
Annette Carver, Agricultural
Engineering
Mary K. Gaines, Agricultural
Economics and Rural Sociology
Rachel Hawkins, Dairy Science
Ann Meier, Plant Pathology and
Physiology
Ben Morton, Agronomy and Soils
Norma Moss, Horticulture
Judith E. Mounter, Food Science
Carolyn Pace, Dairy Science
Judy Pilgrim, Extension Staff and
Computer Resource Development
Rebecca S. Rodgers, Dairy Science
Mac Sprott, Horticulture
Jo Ella White, Resident Instruction
Cairen Withington, Agricultural
Economics and Rural Sociology

Forest and Recreation Resources (one vacancy)

Lynn Belding, Forestry
Karen Lantgios, PRTM
Lon B. Martin, Forestry

Off Campus (one vacancy)

Winona Gibson, Greenville Co.
Extension Office
Betty Davis, Florence Co. Extension
Office
Faye Rister, Colleton Co. Extension
Office
Tony Caver, Livestock/Poultry
Health
Doris Gibson, Greenville Co.
Extension Office
Patsy Sowell, Livestock/Poultry
Health

Institutional Advancement *Division-Wide* (one vacancy)

Robert Christenbury, Development
Margie Spangenberg, Office of the
V.P. for Institutional Advancement
Charlotte Holmes, University
Relations

Student Affairs *Division-Wide* (one vacancy)

Mike Arnold, University Union
Kay Bagwell, Redfern Health Center
Kirk Brague, Student Development
Mary Brandt, Redfern Health Center
Millie Collins, Financial Aid Office
Annice Cope, Redfern Health Center
Tamara Cranford, Career Center
Deborah Davis, Redfern Health
Center
Frank Gentry, Admissions and
Registration
Phil Howard, Housing
Lillian Lappie, Housing
Libby McGill, Housing
Cathy McKinney, Student
Development
George Smith, University Union
Mary Joe Williams, Intramurals

Ballots will be mailed to each vice presidential area within a few days.

Ballots are due to the Commission's election subcommittee in 108 Barre Hall by Wednesday, April 25.

— C.U.'s best students —

Honorees at Honors and Awards Day last week were (colleges are listed in parentheses):

Algernon Sydney Sullivan Award
(for University/community service)
Samuel L. Erwin (Comm./Ind.)
Tracy F. Malcolm (Liberal Arts)
Edythe R. Lambert (* local resident)

Trustees Medal
(for public speaking)
Jennifer S. Connors (Sciences)

American Association of University Women Award
(for highest female GPR with the most credit hours)
Phyllis Kohl (Engineering)

Phi Kappa Phi Award
(for highest GPRs among graduating seniors)
Rachel J. Campbell (Education)
Paula J. Clary (Education)
Jason T. Dowling (Engineering)
David W. Garrison (Comm./Ind.)
Mary A. Howell (Education)
Bill A. Kutulas (Sciences)
Chettoor G. Namboodri Jr. (Eng.)
Shannon M. Namboodri (Eng.)
Dawn A. Przirembel (Lib. Arts)
Maynard V. Schaible III (Eng.)
Paul D. Tennis (Engineering)
Mayme T. Tomlinson (Comm./Ind.)
Susan M. Wagner (Sciences)
Elizabeth A. Weber (Comm./Ind.)

A.C.C. Athletic Scholarship Award
(for best student-athlete)
Jeanette S. Graviss (Lib. Arts)
Dov Kremer (Comm./Ind.)

Kenelly-Voss
Advanced Placement Award
(for most exempted hours)
Cory N. Hammond (Sciences)

— Innovation Fund award winners —

The Innovation Fund was established by the administration to provide financial support to faculty and staff who initiate programs of mutual benefit to themselves and Clemson University.

Overall, \$610,201 was awarded this year by the Innovation Fund Awards Committee to support 30 projects. They are:

Reg Baumgardner, Horticulture
Mary Haque, Horticulture
Chris Peters, Education

Develop Videodisc Library of Herbaceous Perennial Plants
\$10,000

David Bullard, Computer Center
Establish T1 Data Communication Link Between CU, USC and MUSC
\$56,820

Mica Grujicic, Mechanical Eng.
David Zumbrunnen, Mech. Eng.
Experimental Apparatus for Producing Advanced Metals
\$10,000 *

Edward Hamilton, Strom Thurmond Institute
Energy Emergency Preparedness
\$14,000

Timothy Hanks, Chemistry
Chemistry Electronics Bulletin Board
\$8,325

David Hon, Forestry
Chemical Safety and Accident Prevention Program
\$14,000

J. Carl King, Languages
Synthesis of Digitized Sound and Graphics
\$1,984

Donald LaTorre, Math. Sciences
Revitalizing Instruction in Calculus
\$35,000

Peter Lee, Architectural Studies
Sam Wang, Visual Arts and History
Establish MAC II Capability in Architecture
\$15,000

Gordon Lewis, Ceramic Engineering
Accessory Equipment for Basic X-Ray Diffraction Unit
\$20,000

Peter Loge, Performing Arts
T. Evans, Performing Arts
Study of Media and Racism
\$1,100 *

Peter Loge, Performing Arts
National Championship Debates
\$3,770

Robert Lowrey, Architectural Studies
Computer Model of Clemson University Campus
\$40,000

William Maker, Philosophy and Religion
Ethics and Genetic Engineering
\$10,802

Melissa Marcus, Personnel Services
Comprehensive Staff Training Program
\$10,000

Steven Marks, History
History of the Imperial Russian Academy of Fine Arts
\$7,300 *

Myra Marshall, Telecampus
Telecampus Tape Conversion
\$15,000

Thomas McInnis, Biological Sciences
Field Testing of Root Colonizing Bacteria
\$10,500 *

Peter Nelson, Mathematical Sciences
Kenneth Wallenius, Math. Sciences
Statistical Education of Engineers
\$8,533

Robert Panoff, Physics and Astronomy
Many Body Encounter in Clemson
\$15,000

Joyce Richardson, 4-H and Youth Development
Publish a "Healthletter"
\$33,495

Alan Schaffer, History
Analysis of University Press Potential
\$23,000

Glen Shinn, Agricultural Education
Lloyd Blanton, Ag. Education
Center for Teaching Excellence Pilot Program
\$25,550

Richard Simmons, Personnel Serv.
Individualized Pre-Retirement Plan
\$13,000

Jack Stevenson, Undergrad. Studies
Honors Program Enhancements
\$11,358

William Surver, Biology Program
Doris Helms, Biology Program
CIVI Soapbox Authoring
\$56,700

Ronald Thurston, Poultry Science
Thomas Scott, Poultry Science
Ashby Bodine, Dairy Science
Components Isolated From Immune Cells in Animals and Man
\$35,600 *

David Tonkyn, Biological Sciences
Daniel Kluepfel, Plant Pathology and Physiology
Genetically Engineered Microbes in Environment
\$10,500 *

J. David Woodard, Political Science
Mark DeHaven, Political Science
Framework for Conducting Public Opinion
\$5,200

* These awards were made by the Office of University Research from a \$75,000 Innovation Fund grant.

Dates to remember:

All events, unless otherwise noted, are free.

Wednesday, April 11

- **Baseball:** Furman. 7 p.m., Tiger Field. (656-2101)
- **Safe driver awards ceremony.** Student Senate Chamber, 10 a.m. (Risk Management and Safety, Nelson Hill, 656-3365)
- **Computer Short Course:** ISPF Editor. 3-4 p.m., 111 Daniel Hall. (CTS Help Desk, 656-3494)

Thursday, April 12

- **Computer Short Course:** Introduction to SAS. 3-4 p.m., 19 Poole Center. (CTS Help Desk, 656-3494)
- **Meeting:** Black Faculty/Staff Association. 5 p.m., F-149 Poole Center. (Cheryl Adams, 656-4675)
- **Lecture:** "Producing Therapeutic Proteins, Amino Acids-based Polymers and Fibers via Bioscience-Biotechnology Methodology." (Chemical Engineering, 656-2621) *CANCELLED*
- **Short Course:** "Color Me Beautiful." \$25. (University Union, 656-2461)

April 12-14

- **Film:** "Harlem Nights." 7 and 9:15 p.m., Y-Theater. \$1.75. (University Union, 656-2461)

Friday, April 13

- **Seminar:** New Employee Orientation. 8:30-noon, Student Senate Chambers. (Personnel Services, 656-2726)
- **Baseball:** N.C. State. 7 p.m., Tiger Field. (656-2101)
- **Computer Short Course:** Introduction to DOS. 1:30-3 p.m., 103 Daniel Hall. (CTS Help Desk, 656-3494)

Saturday, April 14

- **Baseball:** N.C. State. 7 p.m., Tiger Field. (656-2101)
- **Trip:** Day hike to Whitewater Falls. (University Union, 656-2461)

April 14-15

- **Festival:** "Concourse Botanique." 10 a.m.-6 p.m. Saturday; noon-6 p.m., Sunday. Botanical Garden. Spring festival features music, performers, clowns, storytellers, etc. (Botanical Garden, Ernie Denny, 656-3403)

Sunday, April 15

- **Baseball:** N.C. State. 2 p.m., Tiger Field. (656-2101)
- **Film:** "Outrageous Fortune." 7 and 9:15 p.m., Y-Theater. (University Union, 656-2461)

Monday, April 16

- **Computer Short Course:** Advanced PageMaker. 9-10 a.m., 19 Poole Center. (CTS Help Desk, 656-3494)
- **Earth Day.** (Students for Environmental Awareness, Steve McCord, 656-8402)
- **Panel discussion:** "Environmental Problems?" (Students for Environmental Awareness, Susan Branton, 656-8341)
- **TENTATIVE****

April 16-22

- **Greek Week.**
- **Earth Week.**

Tuesday, April 17

- **Computer Short Course:** Introduction to PageMaker. 2-3 p.m., 19 Poole Center. (CTS Help Desk, 656-3494)
- **Baseball:** Georgia Southern. 7 p.m., Tiger Field. (656-2101)
- **Seminar:** "Defensive Driving for Staff." 8 a.m.-4:30 p.m., Facilities Main-

tenance Conference Room. (Risk Management and Safety, Freddie Harbin, 656-3365)

April 17-21

- **Clemson Players Production:** "'Master Harold' ...and the Boys." 8 p.m., Daniel Auditorium. Set in Port Elizabeth, South Africa, in 1950, this play details the relationship between a white teenage boy and his two older black friends, who are waiters in his parents' tea room. (Additional 3:30 p.m. matinee April 19.) (Performing Arts, 656-3043)
- **Seminar:** "EPMS/Progressive Discipline." 9-11 a.m., Lehotsky Auditorium. (Personnel Services, 656-2726)
- **Southern Circuit Film Series:** "The Rug" and "Odalisque" by animator Maureen Selwood. 8 p.m., Y-Theater. Selwood will show and discuss her award-winning animated films, which are often based on short stories and poetry. (Liberal Arts, Carol Ward, 656-5415)
- **Student Variety Series:** Clemson University Chamber Orchestra. 8 p.m., Tillman Auditorium. Program includes works by Bach, Mozart, Barber, and Holst. (Cynthia Scully, Performing Arts, 656-3043)

Wednesday, April 18

- **Baseball:** Georgia Southern. 3 p.m., Tiger Field. (656-2101)
- **Computer Short Course:** Advanced PageMaker. 9-10 a.m., 19 Poole Center. (CTS Help Desk, 656-3494)

April 18-19

- **Seminar:** "Motor Applications & Variable Speed Drives." Student Senate Chamber. (Continuing Engineering Education, 656-3308)
- **Seminar:** "Defensive Driving for Students." 6-10 p.m., Student Senate Chamber. (Risk Management and Safety, Freddie Harbin, 656-3365)

Thursday, April 19

- **Student Alumni Council Banquet.** TBA, Clemson House. (Alumni Relations, 656-2345)
- **Computer Short Course:** Intermediate SAS. 2-3 p.m., 19 Poole Center. (CTS Help Desk, 656-3494)
- **Student Variety Series:** Clemson University Jazz Ensemble. 8 p.m., Tillman Auditorium. (Performing Arts, 656-3043)
- **Short Course:** "Color me Beautiful Style." (University Union, 656-2461)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, April 13, for April 25 issue.**



Clemson

WEEKLY

Vol. 29, No. 34

Wednesday, April 18, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Return direct deposit forms by April 27

Employees who want to get — or want to continue getting — their paychecks deposited electronically need to complete the new CUBO-606 form mailed to them recently and return it by Friday, April 27, to the payroll/benefits office in 224 University Square.

The new forms grant the University the flexibility to adjust an electronic fund transfer (direct deposit) to your account — a rare occurrence, says payroll/benefits Director Ron Herrin — just as a paper check would be adjusted if it were in error.

"If you were getting a paper check and were paid incorrectly — either too little or too much — your department would send it back to us with a written request that we issue you a new check for the correct amount," says Herrin.

"This new form allows the University the same flexibility for

electronic deposits that we have with paper checks."

Herrin says extremely strict federal banking regulations protect your bank account. The new forms will only empower the University to adjust its most recent payment to you and for no more than the net dollar amount of your check.

In the event that your "electronic" check is ever adjusted, Herrin says you will be fully aware of any transactions.

"First of all, your department should inform you in advance of any adjustments in your check," he says. "Second, just as if you had had a new paper check issued, you will receive a new check stub showing the adjusted amount. And third, any adjustment will be documented on your bank statement."

For details, call the payroll/benefits office at 656-2000.

Discuss your early retirement April 26

Look for a panel discussion Thursday, April 26, on "The State Retirement System: Its Health, Its Future, and the Prospects for Early Retirement for State Employees."

The 7:30 p.m. discussion in the Strom Thurmond Institute Auditorium will feature:

- Purvis Collins, director of the S.C. Retirement System,
- Russell Munn, vice president for business and government relations for the S.C. Chamber of Commerce, and
- Mary Greene, government relations specialist with the S.C. Education Association.

The discussion is sponsored by the Clemson chapters of the S.C. State Employees Association and the American Association of University Professors.

For more information, call Dixie Schmittou at 656-5339.

Campus office can help you coordinate gift requests

Before your department makes a request of any philan-

Alumni research award nominations due soon

The deadline for nominations for the 1990 Alumni Award for Outstanding Achievement in Research is Friday, April 27.

The award is open to any faculty member engaged in research and is not limited to any particular discipline. (Previous winners of the award, however, are not eligible.)

For details, call the Office of University Research at 656-2375.

thropic foundation, check with the office of foundation and corporate development.

Staffers there can improve your chances for success by providing background information on particular organizations and by helping you review and structure your proposals, says Director Dave Jenkin.

"It's important to contact our office before making your requests not only because we can help you become better prepared but because most foundations prefer to deal with a central contact that they know who can assure the University's endorse-

ment of the request," says Jenkin.

"We encourage each department to look for any opportunity to develop private support for Clemson; yet, at the same time, it is important that all our requests be coordinated if they are to have the best chance for success."

Jenkin says such a coordinated approach will prevent the concerns that many foundations have expressed about multiple contacts and requests from a particular institution.

For more information on how to coordinate your requests, call the office of foundation and corporate development at 656-5890.

Departmental Notes ...

Agricultural Communications

The department received a grand award for communications efforts involving Hurricane Hugo from the Council for the Advancement and Support of Education District III.

Agricultural Engineering

D.E. Brune (Assoc Prof) presented "Modeling Terrain Conductivity" at the annual SAAS meeting/Southeast Regional ASAE meeting in Little Rock, Ark., Feb. 6.

Brune presented "Research Needs in Semi-Closed Aquaculture" at the Northeast Fisheries Workshop in Baltimore Feb. 9.

Brune and J.S. Hopkins (Waddell Research Center) presented "Sensitivity Analysis of a Comprehensive Water-Quality Model for Predicting Oxygen Levels in an Estuary Receiving Aquacultural Effluent" at the Applied Aquaculture Workshop in Galway, Ireland.

J.T. Ligon (Prof), R.O. Evans (NC St Univ) and M.R. Kolman (USDA/SCS) presented "Economic Aspects of Water Table Management" at a workshop on Water Table Management in the Eastern Coastal Plain in Florence Nov. 16.

Jay Harmon (Asst Prof) received an ASAE Blue Ribbon Award for Educational Aids for "Computer-Aided Animal Waste Utilization Planning" at the 1989 International ASAE Summer Meeting June 25-28 in Quebec.

T.H. Garner (Prof) presented "Application of Instrumented Tractors to Improve Performance During Deep Tillage Operations" at the Cotton Engineering Systems Conference in Las Vegas Jan. 12. Co-authors were S.A. Hale (Vstg Inst), A. Khalilian (Asst Prof) and R.B. Dodd (Assoc Prof).

Garner was elected chairman of the Southern Regional Information Exchange Group-50, "Engineering Systems for Cotton Production, Harvesting and Processing."

The following presented papers at the 1989 International ASAE Winter Meeting in New Orleans Dec. 12-15:

Young J. Han (Asst Prof) — "Frequency Domain Inspection of Food Products" and "Color Analysis Using Black and White Imaging System."

Han also chaired "Image Acquisition and Integrated Controls for Machine Vision Applications."

C.L. Weller (Asst Prof), T.P. Aydt (former Grad Stu), F.R. Testin (Assoc Prof, Food Sci) — "Mechanical Properties of Edible Corn and Wheat Protein Films."

Alex Reyes (Grad Stu), R.B. Dodd (Assoc Prof) and T.H. Garner (Prof) — "Non-Linear Finite Element Program for Soil Compaction."

T.H. Garner (Prof) — "An Agricultural Machinery Design Course with a Professional's Input."

J.T. Ligon (Prof) — "Daily Balance Hydrologic Model Implemented via Electronic Spreadsheet."

W.H. Allen (Prof), R.E. Young (Prof) and J.C. Hayes (Assoc Prof) — "Recruiting for a Restructured Curriculum at Clemson University."

Hayes and Han — "Comparison of Crop-Cover Measuring Systems."

T.N. Burcham (former Grad Stu) and Hayes — "Design Concepts of the Vortical Particle Size Distribution System."

D.E. Brune (Assoc Prof) and C. Drapcho (Grad Stu) — "Design of a Partitioned Aquaculture System."

Brune and K. W. Martin (Grad Stu) — "Physical Modeling of Induced Mixing in Aquaculture Ponds."

A. Garcia (Assoc Prof, Biology) and Brune — "Oxygen Transport in a Shrimp Ecosystem."

J.L. Dunlap Jr. (Inst Suprv), M.J. Buschermohle (Data Mgt) and J.M. Bunn (Prof) — "Remote Data Acquisition Through a Wide-Area Network."

The following papers were presented at the S.C. Council of Engineering Societies' annual meeting in Columbia Jan. 25-26:

Weller — "Factors to Consider in Food Plant Design for Safety and Sanitation."

Bunn, Dunlap Jr. and Buschermohle — "Area Network for Data Acquisition and Control."

Agriculture and Natural Resources

Milt Wise (Vice Pres/Vice Provost) was elected president-elect of the Southern Association of Agricultural Scientists.

Jim Fischer (Dir, SC Ag Exp Sta) was elected vice chairman of the Association of Southern Agricultural Experiment Station Directors.

Agricultural Sciences (Extension)

Nelda K. Howell (Savannah Valley Dist Ext Dir) was elected president-elect of the S.C. Home Economics Association at its annual meeting in Columbia Feb. 22-24.

Verne W. House (Prof/Dir Palmetto Lead Prog) presented "Revitalizing the Rural South" in Birmingham Jan. 16-18. Co-author was Lorretta A. Singletary (Grad Stu/Palmetto Intern). "Palmetto Leadership and Community Development" will be included in the conference proceedings.

J.W. Jordan (Prof) and Toby Boring (Ext Assoc) made a presentation at a meeting of the National Task Force on Agricultural Financial Analysis Expert Systems Software at College Station, Texas, Jan. 16-19.

Agronomy and Soils

Nancy Ferguson (Asst Prof) presented "Response of Acremonium Colonies to Tall Fescue Extracts" at the Tall Fescue Endophyte Workshop in Atlanta in November.

Halina Skorupska (Assoc Prof) and R.G. Palmer (Iowa State Univ) presented "Genetic Analysis of Apetalous Sterile Mutant in Soybean" at the American Society of Agronomy meeting in Las Vegas in October.

Skorupska, Palmer and Graybosh (Univ of Nebraska) presented "Genetics and Cytology of a Tissue-Culture Derived Male-Sterile, Female-Sterile Mutation in Soybean" at the American Society of Agronomy meeting in Las Vegas.

Bruce Pinkerton (Asst Prof) presented "Rubus spp.: Management and Control" at the annual meeting of Southern Weed Science Society in Atlanta Jan. 15-17.

R.J. Gossett (Prof), Ed Murdock (Prof), J.E. Toler (Instr Exp Stat) and J.R. Harris (Ag Sci Assoc II) presented "Palmer Amaranth Resistance to the Dinitroaniline Herbicides" at Southern Weed Science Society meeting in Atlanta.

Doyce Graham (Prof) presented "Variety Test Data Exchange Via Computer Media" at the Southern Regional Information Exchange Group-33, Crop Variety Testing, in Memphis, Tenn., Feb. 23-24.

Graham is secretary of the Southern Regional Information Exchange Group-33.

Bill Stringer (Assoc Prof) was elected president of the S.C. Forage and Grassland Council.

Stringer is president-elect of the Agronomy Society of South Carolina and will serve as president in 1991.

Stringer and James Rice (Prof) received a grant from the S.C. Department of Highways and Public Transportation for "Endophyte-Infected Tall Fescue for Highway Corridors: More Environmental Stress Tolerance and Adaptability."

Bill Smith (Prof) is a member of the Soils and Geomorphology Committee of the Soil Science Society of America.

James Palmer (Prof) presented "Interseeding Soybeans Into Standing Wheat" at a conference on Innovative Soybean Production Strategies in Orlando Jan. 23.

Palmer presented "Interseeding Soybeans Into Standing Wheat — a Research Program Report" at the Southern Branch of the American Society of Agronomy meeting in Little Rock, Ark., Feb. 5.

Palmer presented "South American Soybean Competition" at the 1990 Soybean-Corn EXPO in Sumter Jan. 30.

Archbold Tropical Research Center

J.L. Bussiere, R.J. Kendall, T.E. Lacher Jr. and R.S. Bennett published "Effect of Methyl Parathion on Food Discrimination in Northern Bobwhite (*Colinus virginianus*)" in Environmental Toxicology and Chemistry.

Lacher, M.A. Mares and C.J.R. Alho published "The Structure of a Small Mammal Community in a Central-Brazilian Savanna" in Advances in Neotropical Mammalogy.

Lacher and Alho published "Microhabitat Use Among Small Mammals in the Brazilian Pantanal" in the Journal of Mammalogy.

Lacher reviewed Studies in Neotropical Mammalogy: Essays in Honor of Philip Hershkovitz in American Scientist.

Kendall, Lacher, B.T. Marden and M.L. Whitten published "The Use of Starling Nest Boxes for Field Reproductive Studies: Provisional Guidance Document and Technical Support Document."

Architectural Studies

Yuji Kishimoto (Prof) was named a South Carolina Ambassador for Economic Development for 1989 by Gov. Carroll A. Campbell Jr. and was honored with a reception in Columbia March 21.

Ceramic Engineering

Burtrand I. Lee (Asst Prof) researched the processing of new ceramic materials at the Norwegian Institute of Technology.

Lee also was a colloquium speaker at Oxford University and at Cambridge University in England.

Lee and S.Y. Park (Grad Stu) presented a paper at the second International Conference on Ceramic Composites in Mons, Belgium.

Chemistry

R.A. Abramovitch (Prof) presented "Nitrenium Ions" at Florida Atlantic University in Boca Raton, Fla., Oct. 27.

Abramovitch and A.J.C. de Souza (Grad stu), **J. del Ponte, J. Miller and A.F. Neto** (all of Riberao Preto, Brazil) presented "Synthesis of Dibenzocyclooctadienes" at the third Brazilian Meeting on Organic Synthesis in Sao Carlos, Brazil.

K. Dill (Assoc Prof), **S. Hu** (former Grad Stu), **E. Berman** (Jerusalem Univ, Israel), **A.A. Pavia** (Universite d'Avignon, France) and **J.M. Lacombe** (Avignon) published "One-Dimensional and Two-Dimensional N.M.R. Studies of the N-Terminal Portion of Glycophorin A at 11.7 Tesla" in Journal of Protein Chemistry.

Dill will sit on the Department of Defense's review panel to oversee applications in its Science and Engineering Fellowship Program.

Dill, R.J. O'Connor and E.L. McGown (both of Letterman Inst of Res) published "Reaction of Cysteine(s) with Phenylchloroarsine" in the Bioinorganic section of Inorganica Chimica Acta.

Dill, E.R. Adams (former Grad Stu), **McGown and O'Connor** presented "Structure and Dynamics of a Lipid Acid-Arsenical Adduct" at the 24th annual Southeastern Regional Lipid Conference in Cashiers, N.C., Oct. 25-27.

Dill presented "Nuclear Magnetic Resonance Studies of Glycophorin A and Metal Ion-Carbohydrate Interactions" to the management and staff of Glycomed in Alameda, Calif., Jan. 3 and to the manage-

ment and staff of the Glycosciences Division of Oxford Glycosciences (Oxford University, England)/Searle Laboratories (Chicago)/Monsanto Research (St. Louis) Consortium in Biotechnology Jan. 15-17.

J.W. Huffman (Prof) presented "Synthesis of Cannabinoids: Their Analogues and Metabolites" at the Mona Symposium on Natural Products and Medicinal Chemistry, University of the West Indies, Mona, Jamaica, Jan. 9.

Civil Engineering

The department and the Office of Continuing Engineering Education hosted the 19th annual S.C. State Highway Conference in Clemson Feb. 28-March 2.

Commerce and Industry

Douglas Bowen (Textile Ext Spec) chaired a conference on "Reclamation of Thermoplastic Waste" in Charlotte Jan. 23-24.

Bowen also chaired a conference on "Manmade Cellulosics: The Rebirth of Acetate and Rayon" in Greenville Feb. 14-15.

Computer Science

The following papers were presented at the 21st Southeastern International Conference on Combinatorics, Graph Theory and Computing at Boca Raton, Fla., Feb. 12-16:

D.P. Jacobs (Asst Prof) presented "Private Domination: Theory and Algorithms," coauthored by **S.M. Hedetniemi** (Assoc Prof) and **S.T. Hedetniemi** (Prof).

A. Majumdar (Grad Stu) presented "On Integer and Fractional Total Domination" coauthored by **G.H. Fricke** (Wright St Univ) and **Jacobs** (Asst Prof).

Jacobs presented "Proofs for Non-Identities Using Characteristic Functions," coauthored by **I.R. Hentzel** (Iowa St Univ).

E.O. Hare (Lect) presented "k-Weight Domination and Fractional Domination of $P_m \times P_n$."

Earth Science

G.M. Haselton (Prof) presented "Late Wisconsin Glacial Stratigraphy in the Peabody River Valley, Northern New Hampshire" during the Northeastern Section

Meeting, Geological Society of America in New Brunswick, N.J., in March.

Hasleton presented "Late Wisconsin Glacial Stratigraphy, Northern White Mountains, New Hampshire" at the Second International Geomorphological Symposium at Johann Wolfgang Goethe University in Frankfurt, Germany, in September.

Hasleton presented "Late Wisconsin Glacial Stratigraphy, Northern White Mountains, New Hampshire, U.S.A." during the Southeastern Section Meeting, Geological Society of America in Atlanta in April.

K.B. Miller (Vstg Asst Prof) presented "Benthic Fossil Assemblages and Shell-Bed Taphonomy as Depth and Turbidity Indicators Within a Middle Devonian Foreland Basin: Northern Appalachian Basin" at the 28th International Geological Congress in Washington, D.C., in July.

J.R. Wagner (Asst Prof) co-chaired the NACT Symposium on Earth Science Education and presented "The South Carolina Maps and Aerial Photographic Systems Project — A New Resource for Earth Science Teachers" at the Southeastern Section Meeting, Geological Society of America in Atlanta in April.

R.D. Warner (Acting Head) presented "Magnetic Petrology of Eastern North America Diabases" at the symposium on Magnetic Petrology in Magnetic Anomaly Interpretations at the International Association of Geomagnetism and Aeronomy in Exeter, U.K., July 24-Aug. 4.

Warner presented "Geochemistry and Petrology of South Carolina Diabases" at the symposium on Origin, Duration and Extent of Early Mesozoic Igneous Activity at the Northeastern section meeting of the Geological Society of America in New Brunswick, N.J., in March.

Elementary and Secondary Education

Bill Pennscott (Prof) chaired and Carrie Counihan, Janet Faulkner, Laurie Malpass and Paula Morgan (Grad Stus) presented "Impact of Divorce on Students: Elementary through College Age" at the S.C. Association for Counseling and Development Convention in Myrtle Beach.

Pennscott also chaired and presented "Computer-Assisted Career Guidance: Current Practices, Future Promises" with Rachel Gunby (Hillcrest High School) and

Carol Kososki (Dir, SC Occupational Info Coord Comm).

Engineering (Dean's Office)

J. Charles Jennett (Dean) was named "Engineer of the Year" by the Piedmont Chapter of the S.C. Society of Professional Engineers.

The College of Engineering was named one of the nation's top "up and comers" in the March 19 issue of U.S. News and World Report. Of the 192 accredited schools ranked, Clemson tied for fourth in the up and comers category.

A. Wayne Bennett (Assoc Dean) was elected president of the Southeastern Center for Electrical Engineering Education for 1990.

English

Sappho Charney (Inst) will conduct a three-day seminar in writing children's literature at the 1990 Tennessee Mountain Writers' Conference.

Beth Daniell (Asst Prof) will serve a three-year term on the executive committee of the Conference on College Composition and Communication.

Sterling Eisiminger (Assoc Prof) read "From Verse to Worse: The Varieties of Light Verse" at the Hilton Head Humanities Forum Jan. 15.

Roger Rollin (Lemon Prof) published "Popular Culture: The Essential Humanity" in the May issue of The Comparatist.

Entomology

J.C. Morse (Prof) and C.B. Barr (Louisiana St Univ) published "Unusual Cadisfly (Trichoptera) Fauna of Schoolhouse Springs, Louisiana, with Description of a New Species of *Diplectrona* (Hydropsychidae)" in the proceedings of the Entomological Society of Washington.

R.G. Bellinger (Asst Prof) co-organized and co-moderated the Grasshopper Workers' Conference at the Entomological Society of America national conference in San Antonio, Texas, Dec. 10-14.

Bellinger presented "Current Issues in Pesticides" at the University of Delaware in August.

Bellinger, F.W. Ravlin (Virginia Poly Inst and St Univ) and M.L. McManus (USDA For Serv) presented "Forest Edge Effects and Their Influence on Gypsies

Moth Egg Mass Distribution" at the 63rd annual meeting of the Southeastern branch of the Entomological Society of America in Nashville in January.

Bellinger presented "New Federal Initiatives and Their Impacts on Entomological Problems" at the 35th annual meeting of the S.C. Entomological Society in Florence in November. Bellinger also presented "Clemson University's Pesticide Information Program" with P.M. Horton (Prof).

Forest Resources

M. Huneycutt (Ag Sci Asst II) and G.R. Askew (Assoc Prof) published "Electrophoretic Identification of Loblolly Pine-Shortleaf Pine Hybrids" in Silvae Genetica.

D.D. Hook (Prof), D.S. DeBell (USDA For Serv), A. Ager (Univ of Washington) and D. Johnson (USDA For Serv) published "Dry Weight Partitioning Among 36 Open-Pollinated Red Alder Families" in Biomass 21.

S.W. Fraedrich (former Grad Stu) and F.H. Tainter (Prof) published "Effect of Dissolved Oxygen Concentration on the Relative Susceptibility of Shortleaf and Loblolly Pine Root Tips to *Phytophthora cinnamomi*" in Phytopathology.

J.L. Haymond (Asst Prof) presented "Mixed Pine-Hardwood Management" at the Appalachian Society of American Foresters annual meeting in Pinehurst, N.C., Jan. 25.

R.A. Harris (Assoc Prof), J.G. Schroeder (USDA Forest Service) and S.C. Addis (Res Asst) published "Steaming of Red Oak Prior to Kiln-Drying: Effects on Moisture Movement" in Tech. Note, Forest Products Journal.

F.H. Tainter (Prof), D.A. Starkey (USDA), S.W. Oak (USDA), G.W. Ryan (USDA), C. Redmond (USDA) and H.D. Brown (USDA) published "Evaluation of Oak Decline Areas in the South" in USDA Forest Service Southern Region Protection Report in September.

Tainter, S.W. Fraedrich (former Grad Stu) and A.E. Miller (Asst Prof) published "Zoospore Inoculum Density of *Phytophthora cinnamomi* and the Infection of Lateral Root Tips of Shortleaf and Loblolly Pine" in Phytopathology.

G.D. Kessler (Prof) published "A Timber Supply for the Future" in the November issue of S.C. Forestry Magazine.

History

Lawrence E. Estaville Jr. (Assoc Prof) received the \$1,000 General L. Kemper Williams Prize March 16 from the Louisiana Historical Association for Confederate Neckties: Louisiana Railroads in the Civil War, which was recognized as the best book published in 1989 on Louisiana history.

Estaville also gave a presentation on his book March 14 at Louisiana Tech University.

Thomas Kuehn (Assoc Prof) reviewed L'amministrazione della giustizia penale nella repubblica fiorentina in Speculum.

Home Economics

K.L. Sharman (Asst Prof) was elected Southern Regional EFNEP Coordinator to chair a regional network.

L.L. Gardner (Prof) presented "Preventing Moisture Damage in S.C. Housing" as an exhibit at the Revitalizing the Rural South regional conference in Birmingham, Ala., Jan. 16-18.

Horticulture

Gary Bachman (Stu) made "Honorline" mention in the USA Today Academic All-Star Competition.

Joanna Hubbard (Grad Stu) won second place in the graduate student paper competition at the 43rd Annual Meeting of the Southern Weed Science Society in Atlanta.

At the Southern Region American Society for Horticultural Science's annual meeting in Little Rock, Ark., Feb. 3-6:

Mark A. Hubbard (Grad Stu) received the Anderson Award for outstanding research presentation given by a graduate student.

Gary Bachman (Stu) received The Hammett Memorial Award for outstanding undergraduate student in the Southern Region.

Deborah Shuping (Stu) received the J.B. Edmond Award for outstanding presentation given by an undergraduate.

D.R. Decoteau (Asst Prof) coauthored with M.J. Kasperbauer and P.G. Hunt (USDA, Florence) "The Effect of Mulch Surface Color on the Yield of Fresh Market Tomatoes," the paper that received the I.M. Ware Distinguished Research Award.

Shuping and Jeff Zahner (Stu, Orn

Hort) won first place in the undergraduate student paper competition for "Promoting Awareness of Water Conservation in the Landscape."

R.L. Fery (Adj Prof) chaired the Vigna Crop Advisory Committee.

Regina Melton (Grad Stu) and Robert Dufault (Assoc Prof) presented "Pre-transplant Nutritional Conditioning Influence on Earliness and Yield of Tomato."

Joanna Hubbard (Grad Stu) and Ted Whitwell (Prof) presented "Azalea Tolerance to Bentazon Herbicide as Influenced by Potassium."

David G. Clark (Grad Stu) and John W. Kelly (Assoc Prof) presented "End-of-Day Far Red Light-Promotes Postharvest Chlorosis in Potted Miniature Roses."

Hubbard, Kelly, Albert Abbott (Assoc Prof, Bio Sci) and Robert Ballard (Grad Stu) presented "DNA Fingerprinting of Roses for Patent Protection."

Margaret McMahon (Grad Stu) and Kelly presented "Effects of Spectral Filters on Growth of Rosa x hybrids and Excacum affine."

H.H. Friend (Grad Stu) and Decoteau presented "Photomorphogenic Growth of Watermelon as Influenced by Light Transmission Through Row Cover Materials."

Decoteau and Friend presented "Bell Pepper Growth and Production as Influenced by End-of-Day Supplemental Light-Priming of Transplants."

J.T. Garrett (Vstg Assoc Prof) presented "Effects of Nitrogen Sources and Rates on Cabbage Yields."

Nenita Desamero (Grad Stu) presented "Comparative Ultrastructures of Vitreous Sweet Potato (*Ipomoea batatas* L.) Lam. Plants Grown In Vitro."

A.J. Pertuit, Jr. (Assoc Prof) and J.B. Aitken (Prof) presented "The Use of Three IBA Carriers for Semi-Hardwood Cuttings at Three Rooting Medium Temperatures."

Gregory L. Reighard (Asst Prof) and Harvey M. Jessup (Ag Sci Assoc) presented "Efficacy of Paclobutrazol Uptake Through Pecan Leaves, Young Shoots and Bark."

Housing

At the Southeastern Association of Housing Officers meeting in Jackson, Miss., Feb. 21-23:

Phil Howard (Asst Dir) was elected

Member at Large of the governing board of SEAHO.

Gary Campbell (Assoc Dir) and Scott Nelson (Area Coordinator) presented "Student Staff Training with Little Time."

Libby Magill (Univ Conf Mgr) presented "Beating the Big City Blues."

Magill was elected to the national board of directors of ACED-I.

Clemson will host the national meeting of the ACUHO-I Information Systems scheduled for Oct. 14-17.

Languages

H.E. Stewart (Prof, French) reviewed "Jean Genet: Revised Edition, by Bettina L. Knapp" in The French Review.

Gloria Bautista (Asst Prof, Spanish) published "Feminismo y Religión En Cronica De Una Muerte Anunciada" in De Ficciones y Realidades.

Bautista published "El Arquetipo Femenino En Cien Anos De Soledad" in Violencia y Literatura en Columbia.

Jose I. Suarez (Dir, L&IT) attended the "Educational Strategies for the Global Environment: A Partnership with Business" conference in Atlanta Feb. 14-16.

Jo Ann McNatt (Assoc Prof, French) was elected to a two-year term as president of the S.C. Chapter of the American Association of Teachers of French.

P.R. Heusinkveld (Assoc Prof, French/Spanish) participated in a three-day seminar sponsored by Heinle and Heinle publishing company in Wellesley, Mass., Jan. 26-28.

Heusinkveld co-presented "Conversational Grouping: Getting Students Involved" at the annual national meeting of ACTFL in Boston Nov. 21.

Heusinkveld attended the annual meeting of APLAC in Merida, Yucatan, Feb. 21-24 and presented "Vision, Goals and Coping Strategies: Motivating Students for Study Abroad."

Edwin P. Arnold (Assoc Prof, German) presented "An Interview with a Recent East German Refugee, or Why Anne Hartmann Waited Five Years for a 'Big Mac'" at the S.C. Conference on Foreign Language Teaching March 10 at Francis Marion College in Florence.

Edwin P. Arnold (Assoc Prof, German) attended a seminar on the dramatic changes happening in East Berlin, Feb. 8-11.

Helene M. Riley (Prof, German) published "Bettina von Arnim," "Adelbert von Chamisso" and "Caroline von Gunderode" in the Dictionary of Literary Biography. German Writers in the Age of Goethe.

Riley reviewed Romantic Vision, Ethical Context. Novalis and Artistic Autonomy in Colloquia Germanica.

Riley reviewed Perspektiven der Romantik. Beitrage des Marburger Kolloquiums zum 80 in Colloquia Germanica.

Riley reviewed Drama oder Epos? Richard Wagners Gattungstheorie des musikalischen Dramas in Colloquia Germanica.

Riley presented "Why Here and Not There? Discourse on Berlin in Wim Wenders' 'Wings of Desire'" Feb. 2 at the 18th annual conference on Literature and Film at Florida State University in Tallahassee.

Margit M. Sinka (Prof, German) spoke on Clemson University and the Language Department's program involving international language assistants at an IIE/German workshop in Washington, D.C., Dec. 9-10.

Sinka was appointed to the Program Committee of SAMLA in December.

Sinka chaired "Literature, Philosophy and the Dionysian" at the annual meeting of the AATG in Boston Nov. 20.

Management

John J. Kanet (Burlington Prof) and David P. Christy (Penn St Univ) published "Manufacturing Systems with Forbidden Early Shipment: Implications for Choice of Scheduling Rules" in the January issue of the International Journal of Production Research.

Larry LaForge (Prof) and Rhonda Aull (Univ of Delaware) published "Using the Incremental Part-Period Algorithm to Compute Allowable Limits on MRP System Nervousness" in Production and Inventory Management Journal.

Marketing

Stephen J. Grove (Assoc Prof) published Psychological Reports, coauthored by Donald L. Davis (Univ of Miss) and Patricia A. Knowles (Univ of Ga).

Mathematical Sciences

Michael M. Kostreva (Prof) published "Generalization of Murty's Direct Algo-

rithm to Linear and Convex Quadratic Programming" in the Journal of Optimization Theory and Application.

Kostreva and P. Genevier (former Grad Stu) published "Nurse Preferences vs. Circadian Rhythms in Scheduling" in Nursing Management.

Kostreva published "Nonconvexity in Noncooperative Game Theory" in the International Journal of Game Theory.

Robert E. Jamison (Prof) published "Alternating Whitney Sums and Matchings in Trees, Part II" in Discrete Mathematics.

Iris B. Fetta (Asst Prof) and John G. Harvey (Univ of Wisconsin) published "Technology is Changing Test and Testing" in UME Trends.

Joel V. Brawley (Alumni Prof), as a member of the Mathematical Association of America's Visiting Lecturers Panel, spoke on "The Gambler's Ruin" at Mercer University in Macon, Ga., Jan. 8.

Brawley presented "The Sharp EL5200 Scientific Calculator" at the meeting of the S.C. Teachers of Mathematics in Myrtle Beach in November and at the Knoxville County Teachers of Mathematics in Knoxville, Tenn., in December.

Brawley and Robert Gilmer (Fla St Univ) published "Fields That Admit Nonlinear Permutation Polynomials" in the Journal of Algebra.

Brawley and George E. Schnibben (Francis Marion College) published "Infinite Algebraic Extensions of Finite Fields" in Contemporary Mathematics.

At the American Mathematical Society and Mathematical Association of America joint meeting in Louisville, Ky., Jan. 17-20:

Fetta presented "Computer Testing and Grading for Algebra and Trigonometry."

John Kenelly (Alumni Prof) and Fetta presented "The Informed Consumer's Instructional Guide to Graphing Calculators"

Brawley and David Brown (Grad Stu) presented "Belonging to a Group Polynomial."

Mechanical Engineering

Cynthia Culbertson Jara-Almonte (Asst Prof) received the Ralph R. Teetor Educational Award in Detroit Feb. 25 from the Society of Automotive Engineering, which presents the award to younger engineering faculty members based on contributions to classroom teaching, research and professional societies.

Christian E.G. Przirembel (Head) was elected Vice President for Education of the American Society of Mechanical Engineers in its 1989 Winter Annual Meeting, where he discussed "Mechanical Engineering Education for 1990 and Beyond."

Parks, Recreation and Tourism Management

J. Spengler (former Stu) and M. Uysal (Assoc Prof) published "Considerations in the Hotel Taxation Process" in the International Journal of Hospitality Management.

S. Yoder (former Stu) and Uysal published "Alumni Travel Market and Tour Operators" in SECHRIE Research and Review Journal.

Uysal, K. Andereck (Greensboro) and others published "International Tourism on Public Lands in the U.S." in Outdoor Recreation Benchmark.

G.W. Burnett (Prof) conducted "African Regional Training Course on Tourism Planning" for the World Tourism Organization in Nairobi, Kenya, Nov. 20-25.

Performing Arts

The Clemson debate team of Jason Hartwig (Stu) and Steve McClain (Stu) took First Place at the "49er Classic" Debate Tournament at the University of North Carolina-Charlotte by defeating the University of West Florida in the final round. McClain was named 7th speaker and Hartwig took 4th place honors. Tom Behr (Stu) was named 3rd speaker.

Daniel Rash (Asst Prof) received a research grant from the American Choral Directors Association to write a classified annotated bibliography of articles related to choral music in the International Choral Bulletin and the Research Memorandum Series.

Rash was the guest clinician and conductor of the Kentucky All-State Choir at the Kentucky Music Educators Association state convention at the Kentucky Center for the Arts in Louisville Feb. 9.

Rash also received the Kentucky Colonel award, the group's highest honor, for contributions to the community, state or nation.

Professional Services (Nursing)

Janet Timms published "Innovative Community-Based Health Care for the Elderly: A University/Community Partnership" in Nursing Administration Quarterly and in Educational Gerontology.

Timms presented "Developing Innovative Health Programs" for the S.C. League for Nursing in Columbia Oct. 20.

Publications and Graphics

The department received a grand award for direct mail publications and a special merit award for annual reports from the Council for the Advancement and Support of Education District III.

Textiles

Hassan M. Behery (Prof) presented "The New Outlook of Fiber Properties and Its Interaction with Spinning Machines" at the first International Textile Engineering Conference at Alexandria

University in Alexandria, Egypt, Dec. 23-25.

Michael S. Ellison (Asst Prof) published "Interrelationships Between Selected Mechanical Properties of Individually-Tested Polymeric Fibers" in the December issue of Polymer Engineering and Science.

Ellison presented "Electrical Conductivity of Nonwoven Fabrics from Blends of Conductive and Nonconductive Fibers" at the Fall Technical Conference of the Fiber Society in Raleigh, N.C., in November.

Ellison published "High-Energy Radiation Effects on the Thermal Properties and Density of Nylon 6 Fibers" in the November issue of the Textile Research Journal, and presented the paper at the 1989 International Chemical Congress of Pacific Basin Science (Pacichem 89) in Honolulu in December.

Bhuvnesh C. Goswami (Prof) spoke at the Conference on Technical Textiles at India International Center in New Delhi, India, Jan. 19.

Goswami presented "Thermally Bonded Polyester Nonwoven Fabrics" at the International Seminar on Nonwovens in Bombay, India, Jan. 22-23.

Goswami was part of the project on Engineering of New Structure from Jute at Indian Jute Industries Research Association.

Undergraduate Studies

Freddie Asinor (Dir, Acad Spec Projs) presented "Attracting Minority Students Through Academic and Social Support Programs" at the annual meeting of the Southeastern Association of Educational Opportunity Program Personnel in Atlanta Feb. 16-21.

Halfacre named to Alumni Professorship

Horticulture professor Gordon Halfacre is the University's newest Alumni Professor.

A licensed landscape architect, Halfacre is the first horticulture professor to be selected for this honor. He has taught at Clemson for 15 years, has published numerous textbooks and is a past president of the Faculty Senate.

The Newberry native earned bachelor's and master's degrees in horticulture from Clemson, a master's in landscape architecture from N.C. State University, and a doctorate in horticulture from Virginia Polytechnic Institute.

Alumni Professorships recognize demonstrated excellence in undergraduate teaching, research, public service and professional activities.

Each Alumni Professor receives an annual stipend made possible by unrestricted gifts to the Clemson Loyalty Fund.

CLEMSON NEWSMAKERS

Biological Sciences Professor Sid Gauthreaux will be featured on the CNN program "Future Watch" Saturday, April 21, at 4:30 p.m.

Gauthreaux's research on the relationship between North American bird populations and the decline of rain forest habitat will be featured as part of CNN's observance of Earth Week.

Dates to remember:

All events, unless otherwise noted, are free.

Thru Aug. 30

— Exhibit: "Ceremony and Celebration: Commencement at Clemson Through the Years." Library hours, Cooper Library lobby. (Library/Special Collections, Susan Hiott, 656-0234)

Thru April 21

— Clemson Players Production: "Master Harold'...and the Boys." 8 p.m., Daniel Auditorium. \$2 faculty, staff and students (with University I.D.); \$4 public. Set in Port Elizabeth, South Africa, in 1950, this play details the relationship between a white teenage boy and his two older black friends, who are waiters in his parents' tea room. For tickets: 656-2461. (Performing Arts)

Wednesday, April 18

— Baseball: Georgia Southern. 3 p.m., Tiger Field. (656-2101)

— Computer Short Course: Advanced PageMaker. 9-10 a.m., 19 Poole Center. (CTS Help Desk, 656-3494)

April 18-19

— Seminar: "Defensive Driving for Students." 6-10 p.m., Student Senate Chamber. (Risk Management and Safety, Freddie Harbin, 656-3365)

Thursday, April 19

— Computer Short Course: Intermediate SAS. 2-3 p.m., 19 Poole Center. (CTS Help Desk, 656-3494)

— Clemson Players matinee: "Master Harold'...and the Boys." 3:30 p.m., Daniel Auditorium. \$2 faculty, staff and students (with University I.D.); \$4 public. For tickets: 656-2461. (Performing Arts)

— Student Variety Series: Clemson University Jazz Ensemble. 8 p.m., Tillman Auditorium. (Performing Arts, 656-3043)

— Short Course: "Color Me Beautiful: Style." (University Union, 656-2461)

— Concert: "Kindermusik Demonstration and Registration." 7-8 p.m., 218 Daniel. A special demonstration of the music program designed for children ages 4-7. (Performing Arts, 656-3043)

— Lecture: "All the King's Problems" by Harold Woodell (English Professor). 3:30 p.m., 206 Strode Tower. (Liberal Arts, 656-3263)

(cont. on back)

Dates to remember:*(continued from p. 7)**All events, unless otherwise noted, are free.*April 19-21

— Film: "War of the Roses." 7 & 9:15 p.m., Y-Theater. \$1.75. (University Union, 656-2461)

Saturday, April 21

— Trip: Whitewater rafting on the Ocoee River. (University Union, 656-2461)

Sunday, April 22

— Art auction (to benefit Helping Hands). 4 p.m., Clemson Holiday Inn. (Arnold Air Society / Angel Flight, Chris Lynch, 656-4131)

— Student Variety Series: Clemson University Symphonic Band. 3 p.m., Outdoor Theatre. (4 p.m. in Tillman Auditorium in the event of bad weather). (Performing Arts, 656-3043)

— Trip: Bike race. (University Union, 656-2461)

— Film: "Porky's." 7 & 9:15 p.m., Y-Theater. (University Union, 656-2461)

Monday, April 23

— Film: "Wings of Desire" (German with English subtitles). 3:30 p.m., 313 Daniel. (Languages Dept., 656-3393)

Tuesday, April 24

— Film: "Wings of Desire" (German with English subtitles). 8 p.m., 313 Daniel Hall. (Languages Dept., 656-3393)

April 23-27

— National Secretaries Week.

Tuesday, April 24

— Baseball: Tennessee. 7 p.m., Tiger Field. (Sports Information, 656-2101)

— Films: "Chocolat" and "A World Apart." 7 p.m. and 9 p.m., Daniel Auditorium. \$1. (Liberal Arts, 656-3263)

Wednesday, April 25

— Baseball: Tennessee. 3 p.m., Tiger Field. (Sports Information, 656-2101)

— National Secretaries Day.

— Secretaries Luncheon/Fashion Seminar. 11:30 a.m.-1 p.m., Clemson Holiday Inn. "Dress for Success" seminar conducted by Elaine Clark (image consultant/ head of fashion merchandising, Tri-County Technical College). \$10. (Professional Secretaries International, Doris Carver, 882-2277)

— Videoconference: "Third Annual Secretaries Briefing" (from the American Management Association). 3 p.m., President's Box, Football Stadium. \$20. Registration 2-2:50 p.m. (Professional Secretaries International/Personnel Services, Sandra Davis, 656-0161)

— Lecture: "Rudyard Kipling and the Indian Movement" by English Professor Fakrul Alam. 3:30 p.m., Jordan Room. (English Dept., 656-3151)

Thursday, April 26

— Panel discussion: "The State Retirement System: Its Health, Its Future and the Prospects for Early Retirement for State Employees." 7:30 p.m., Thurmond Institute Auditorium. (Clemson Chapter of the S.C. State Employees Association/ American Association of University Professors, Dixie Schmittou, 656-5339)

Friday, April 27

— Deadline for nominations for the 1990 Alumni Award for Outstanding Achievement in Research. (Elaine Hallums, Office of University Research, 656-2375)

Earth Week activities

The Students for Environmental Awareness and other Clemson student groups are sponsoring educational and entertaining events for Earth Week, which concludes Sunday, April 22, with Earth Day. For details, call the University Union at 656-2461.

The schedule is:

All week

- Environmental issues display, Cooper Library.

Wednesday, April 18

- "Building Bombs," a film about the Savannah River Plant, Y-Theater, 7 p.m. and 8:30 p.m.

Thursday, April 19

- "Ecology and Religion," a lecture by Boston University professor of philosophy Erazim Koahak, Clemson Methodist Church, 1 p.m.

Friday, April 20

- Earth Day InfoFair, Outdoor Theatre, 9 a.m.
- Children's Activities, Union Courtyard, morning.
- Concert and candlelight vigil, Outdoor Theatre, evening.

Saturday, April 21

- Community Cleanup, City of Clemson, beginning at 9 a.m. and concluding at 1 p.m. in the University Botanical Gardens, followed by a picnic lunch and garden tours.
- "Simple Things You Can Do To Save The Earth," a series of workshops on how the public can help the environment and save money at the same time, 2:30 p.m., Botanical Garden.
- Concert, Outdoor Theatre, evening.

Sunday, April 22 (Earth Day)


- Tree-planting ceremony and seedling giveaway, Cooper Library traffic circle, 1 p.m.
- Nature trail dedication and hikes, Outdoor Lab, 2:30 p.m.
- Environmental films, Hunter Auditorium, evening.

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Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, April 20, for May 2 issue.**



Clemson

WEEKLY

Vol. 29, No. 35

Wednesday, April 25, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Shuttles can ease parking headaches

Employees who have trouble finding parking places — especially around mid-morning — should ride the shuttle, says the director of parking services.

Bill Pace says, rather than spend 20 or 30 minutes looking for a parking space, faculty and staff can park their vehicles along G-Street (from the football stadium to Littlejohn Coliseum) and ride the shuttle busses to the interior of campus.

The wait between shuttles should be no longer than 12 minutes, he says, and the shuttles

will take you from the stop at G-Street to stops at:

- Cooper Library
- Freeman/Sirrine halls
- Olin Hall
- Johnstone Hall (at the automatic teller machines)
- the football stadium breezeway (then back to G-Street).

Shuttles run weekdays from 7:30 a.m. to 5:30 p.m.

Pace says shuttle routes will be expanded for 1990-91 and will be indicated on the new University parking map, due out later this summer.

Seniors' College Week begins May 21

Two sessions of the 20th annual College Week for Senior Citizens, sponsored by the parks, recreation and tourism management department, will be held on campus May 21-25 and May 28-June 1.

Participants will attend presentations on topics such as crafts, fitness, gardening, cooking and computers and also will visit local attractions such as Park Seed Co. in Greenwood, Table Rock State Park and historic Highlands, N.C.

On Tuesday, May 22, and again on Tuesday, May 29, the Orange Jam Band and the Clemson Community Chorale will perform as part of the week's activities at 7 p.m. in Tillman Auditorium. The concert is free and open to the public.

Each session will cost \$165, including meals, lodging and activities. A special "day tripper" rate will be available for \$50.

For details, call Louis Bregger or Missy Briggs at 656-3400.

New University name badges available

A new University name badge for use by faculty and staff at special events has replaced the Centennial badge used for the past 40 years.

When you order your new badges, your name will be engraved free, although there will be a charge for including your title and your department name.

Your department will be billed directly by the vendor at the following per-badge rate:

\$2.80 for up to 20 characters

\$3.30 for 21-40 characters

\$3.80 for 41-60 characters

To order, complete an order form (available from the publications and graphics services department) and return it to Carol Ryan, Publications and Graphics, 102 Fike Center. You should receive your order within three to four weeks.

For details, call 656-5000.

Staff Commission news:

Forum on parking slated for May 7

The Commission on Classified Staff Affairs will present a "Forum on Campus Parking" Monday, May 7, at 3 p.m. in Daniel Auditorium.

Participants will be:

- Bill Pace, director of parking services
- Wayne Wardlaw, chief of public safety
- Mark Wright, campus master planner
- Hugh Clausen, vice president for administration
- Harry Durham, associate vice president for University Relations (moderator).

Send any questions you have concerning campus parking by Monday, April 30, to your Commission representative or to Commission Chairman Judi Nicks, Administrative Programming Services, Ravenel Center. For details, call Nicks at 656-2598.

Program can prepare your child for school

The Nursing Center's kindergarten roundup program can help your child get ready to enter school for the first time this fall by providing any needed immunizations, a school certificate of immunization (required for admission to school), a hemoglobin test (for anemia), hearing and vision exams, and height and weight determination.

The cost is \$10 per child.

For details or to make an appointment, call 656-3076.

Dates to remember:

All events, unless otherwise noted, are free.

Thru Aug. 30

— Exhibit: "Ceremony and Celebration: Commencement at Clemson Through the Years." Library hours, Cooper Library lobby. (Library/Special Collections, Susan Hiott, 656-0234)

Thru April 27

— National Secretaries Week.

Wednesday, April 25

— Baseball: Tennessee. 3 p.m., Tiger Field. (Sports Information, 656-2101)
— National Secretaries Day.
— Lecture: "Rudyard Kipling and the Indian Movement" by English Professor Fakrul Alam. 3:30 p.m., Jordan Room. (English Dept., 656-3151)
— Clemson Dancers performance: "Kinetic Collage." 8 p.m., Tillman Auditorium. \$1. (Mabel Wynn, 656-2201)

April 26-28

— Film: "Driving Miss Daisy." 7 & 9:15 p.m., Y-Theater. \$1.75. (University Union, 656-2461)

Thursday, April 26

— Panel discussion: "The State Retirement System: Its Health, Its Future and the Prospects for Early Retirement for State Employees." 7:30 p.m., Thurmond Institute Auditorium. (Clemson Chapter of the S.C. State Employees Association/American Association of University Professors, Dixie Schmittou, 656-5339)

Friday, April 27

— Deadline for nominations for the 1990 Alumni Award for Outstanding Achievement in Research. (Elaine

Hallums, Office of University Research, 656-2375)

— Seminar: New Employee Orientation. (Personnel Services, 656-2426)

— University Bookstore Spring Clearance Sale. 9 a.m.-5 p.m. (David Morris, 656-2050)

Saturday, April 28

— Baseball: Georgia Tech. 7 p.m., Tiger Field. (Sports Information, 656-2101)

— Trip: Biltmore House and Gardens. \$15 includes tour of house and winery. (University Union, 656-2461)

Sunday, April 29

— Film: "The Graduate." 7 & 9:15 p.m., Y-Theater. (University Union, 656-2461)

April 30- May 5

— Final examinations.

Tuesday, May 1

— Briefing lunch. Noon, Alumni Center. \$4. Open to everyone. (Alumni Relations, Debby Cremer, 656-5657)

— Seminar: "Interpersonal Skills." \$20. (Personnel Services, 656-2426)

Monday, May 7

— Panel discussion: "Forum on Campus Parking." 3 p.m., Daniel Auditorium. Features Parking Services Director Bill Pace, Public Safety Chief Wayne Wardlaw, Campus Master Planner Mark Wright, Vice President for Administration Hugh Clausen, Associate Vice President for University Relations Harry Durham (moderator). (Commission on Classified Staff Affairs, Judi Nicks, 656-2598)

Tuesday, May 8

— Meeting: Staff Commission. 10 a.m.,

113 Lehotsky Hall. (Judi Nicks, 656-2598)
— Meeting: Faculty Senate. 3:30 p.m., Student Senate Chamber. (Allen Dunn, 656-4829)

Wednesday, May 9

— Baseball: Georgia. 7 p.m., Tiger Field. (Sports Information, 656-2101)

Thursday, May 10

— General Faculty/Staff Meeting. 10 a.m., Tillman Auditorium. (Provost's Office, 656-3243)

— Baseball: Campbell. 7 p.m., Tiger Field. (Sports Information, 656-2101)

— Black Faculty/Staff Association meeting. 5 p.m., F-149 Poole Center. (Cheryl Adams, 656-4675)

Friday, May 11

— Commencement. 11 a.m., Littlejohn Coliseum.

Summer camps set for sciences, engineering

The colleges of Engineering, Liberal Arts, and Sciences will offer on-campus summer sessions related to science and engineering for gifted 7th to 12th graders.

The program is aimed at exposing talented students to sciences and engineering early in life and strongly encouraging their academic interests, says Surgeon Cole, a psychology professor who coordinates the program.

The registration deadline is Tuesday, May 1, and sessions begin Sunday, June 10.

Subjects will include architecture, mathematical computing, computer science, chemistry, engineering design and physics.

Sessions are available for one, two and three weeks and are open to students from South Carolina and elsewhere.

Registration fees, which range from \$340 to \$895, depending on the length of the session, include coursework tuition and materials, housing, food and field trips to local attractions.

For more information, contact Cole or Nell Coffey, administrative specialist, at 656-5849.

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Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford


We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, April 27, for May 9 issue.**

Clemson University Smoking Policy

To implement the provisions of South Carolina's Clean Indoor Air Act of 1990, and to protect the health and safety of Clemson University students, faculty, staff and visitors, the following policy is adopted:

- I. Smoking or the possession of lighted smoking material in any form is prohibited in all areas of any building leased or operated under the control of the University except in those areas identified in II below. This policy does not apply to buildings or portions thereof (including University housing facilities) which are leased by the University to other individuals, organizations or corporations for their use.
- II. Smoking and the possession of lighted smoking material is permitted 1) in enclosed private offices, 2) in designated areas of employee break rooms and 3) as part of a legitimate theatrical performance.
- III. It will be the responsibility of the individual department heads to administer this policy for each building or area under their supervision. It will also be the responsibility of the individual department heads to decide whether or not to designate smoking areas of employee break rooms under their supervision. If smoking areas in employee break rooms are designated, the department shall ensure that signs are conspicuously placed to identify these smoking areas and shall make every reasonable effort to keep these smoking areas from impinging upon smoke-free areas by use of existing physical barriers and/or outside ventilation systems.
- IV. Non-compliance with this policy may result in disciplinary action and subject the person to the penalties provided for in the South Carolina Clean Indoor Air Act of 1990

Adopted Sept. 10, 1990
Effective immediately



Clemson

NEWS SPECIAL

Vol. 30, No. 1

Monday, Sept. 24, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

State law requires University to adopt new smoking policy

Clemson has adopted a new smoking policy for University buildings in order to comply with a new state law, the South Carolina Clean Indoor Air Act of 1990.

Officials say its successful implementation will depend on the cooperation and good will of everyone at the University.

Effective immediately, the new policy prohibits smoking in all areas under control of the University, both on and off campus, except in private offices, designated areas of employee break rooms or as part of a legitimate theatrical performance.

Private office refers to a totally enclosed room, with a door, in which only one person works. Modular work areas in larger rooms are not considered private offices.

The policy does not apply to buildings or rooms leased to other individuals, organizations or corporations for their use, such as student dorm rooms.

The policy was written to comply with the South Carolina Clean Indoor Air Act, which went into effect Aug. 1 of this year.

That legislation makes it a misdemeanor for people to smoke

or possess lighted smoking materials in most areas of government buildings.

The only exceptions are enclosed private offices and designated areas of employee break areas. However, Clemson administrators are not required to designate a smoking area in each building if that is impractical, said Ray Thompson, director of personnel.

Prior to the state law, the administration was working with the Faculty Senate, the Commission on Classified Staff Affairs and the Student Government to establish a smoking policy that probably would have restricted smoking even more than the current law.

When the state law passed, however, the University had to start over.

"We have tried to follow the new law," said Thompson. "And it

doesn't really leave us with much flexibility. Adapting it to a university setting is going to present some unique challenges.

Officials hope that any conflicts between smokers and non-smokers can be resolved at the lowest possible administrative level.

"We have to be aware of the rights of smokers and non-smokers in the work place," said John Newton, associate vice president for personnel management. "We hope everyone will work together to solve any differences."

The new policy will be sent to departments next week to update University Personnel Manuals.

An open meeting on the new smoking policy has been planned by the Faculty Senate, the Commission on Classified Staff Affairs and the Student Government for faculty, staff and students. Ray Thompson, John Newton, Ben Anderson, University Counsel, and Robert Burley, director of Redfern Health Center, will be on hand to answer questions.

Copies of the state law will be available at the open meeting. The new University policy is printed on page two of this news special.

**Open meeting on
smoking policy**

**Tuesday, Sept. 18
2:30-4:30 p.m.
Tillman Hall
Auditorium**



Clemson

WEEKLY

Vol. 29, No. 36

Wednesday, May 2, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

U.S. labor secretary to address grads

Clemson will honor the U.S. secretary of labor and two corporate executives during commencement Friday, May 11, at 11 a.m. in Littlejohn Coliseum.

Elizabeth Dole, the 20th secretary of labor, and William Lee, chairman and chief executive officer of Duke Power Co., will receive honorary degrees.

Jerry Dempsey, a 1954 Clemson graduate and president and chief executive officer of Chemical Waste Management Inc. of Oak Brook, Ill., will receive the President's Award.

Dole, the commencement speaker, will address approximately 1,480 candidates for undergraduate and graduate degrees.

A native of Salisbury, N.C.,

Dole became labor secretary in January 1989. She serves as the president's chief adviser on labor and workforce issues. She guides a federal agency of nearly 19,000 employees and a budget of more than \$31 billion.

Prior to becoming labor secretary, Dole was the nation's longest serving secretary of transportation, holding that post from 1983 to 1987. Her public service also includes five years on the Federal Trade Commission and two years as public liaison for President Reagan.

Dole received her undergraduate degree from Duke University, a master's degree in education and government from Harvard University and a law degree
(see **Commencement** on p.4)

State Legislature names new Trustees

The State Legislature has elected three businessmen to serve four-year terms on the University's Board of Trustees.

Harold D. "Doug" Kingsmore of Aiken, president and chief operating officer of the Graniteville Co., is a 1955 Clemson graduate with a B.S. degree in business education.

Kingsmore formerly was president and chief operating officer of Cannon Mills Co. He is president of the S.C. Textile Manufacturers Association and a director of the American Textile Manufacturers Institute, the American Yarn Spinners Association, the National Cotton Council and the J.E. Sirrine Foundation of the College of Commerce and Industry.

He also is a member of the Federal Reserve Bank Board for

North and South Carolina.

A former professional baseball player for three years in the Baltimore Orioles organization, he is a member of the Clemson University Athletic Hall of Fame.

William J. "Bill" Neely Jr. of Taylors is founder and president of Associated Packaging Inc. in Greer. A 1958 Clemson graduate with a B.S. degree in English, he completed Wayne State University's Advanced Management Development Program in 1966 and the University of Michigan's Graduate School of Business Administration Program in 1972.

Neely served in the U.S. Army and later became the youngest general manager in the history of the International Paper Co.'s Container Division.

(see **New trustees** on p.3)

Trustees adopt housing increase

Students will pay more for on-campus housing this fall to offset cost increases expected to exceed \$1 million.

The Board of Trustees voted Friday (April 20) to approve a requested housing rate increase averaging 7.8 percent.

Jeff Martin, acting director of housing, told the Board the fee increase was necessary because housing is required by state law to be wholly self-supporting.

Martin said increases in utility bills, building repair costs, insurance rates, salaries and building improvements make the fee hike necessary.

The Board also received updates on the budget outlook for the coming academic year.

Fewer course offerings, curtailed programs for student advising and innovative teaching, and less research in critical areas of advanced materials and biotechnology are being considered as a result of currently proposed state funding levels.

The S.C. House of Representatives version of the appropriations bill has projected that state colleges and universities will receive only 86 percent of the formula used to calculate operating costs. At that level, adjusting for inflation, Clemson can expect a decrease in real dollars from the 1989 budget.

In other action items, the Board:

— established a new investment policy dealing with the sale of non-cash assets;

(see **Board** on p.4)

Senate studies postal system, admissions for athletes

At the Faculty Senate's April meeting, forestry Professor Allen Dunn took over as president, with mathematical sciences Professor John Luedeman and Librarian Ken Murr becoming vice president and secretary, respectively.

Outgoing Senate President Gordon Halfacre and retiring Senate office secretary Margaret Cannon were recognized for their contributions to the Senate.

One of the Senate's major agenda items was a report from the scholastic policies committee, which has been studying admissions exceptions for scholarship athletes.

The committee found that last fall, 102 freshman and transfer scholarship-athletes could not meet usual admissions standards for their chosen colleges and were referred to the University's admissions exceptions committee. For such athletes, it is University policy that those who meet the minimum NCAA guidelines (SAT score of 700 or ACT of 15 plus high-school GPR of 2.0 on a set of core courses) are eligible for admission to Clemson.

The committee was concerned that "admissions exceptions" scholarship athletes are being admitted with markedly weaker academic credentials than most other Clemson enrollees; that the origin of the University policy is unclear, and that the role of the admissions exceptions committee also is unclear.

As a result, the committee has proposed that Clemson work to maintain and increase pressure on the NCAA and the ACC to raise admission standards for athletes so that the University can move toward having a single admissions standard for all students.

In addition, the committee requested that the exact admissions policy for scholarship athletes be

written down and approved by the appropriate campus legislative bodies and that the duties of the admissions exceptions committee be clarified. In addition, the committee is requesting that the University develop new methods for predicting the impact of counseling programs and other academic support programs on scholarship athletes and that students projected to have little chance of graduating not be admitted.

The Senate accepted the report and has forwarded it to the administration for consideration.

The Senate also heard a report from its ad hoc committee to study the University postal system.

The committee was created in response to complaints of delays in mail delivery both on and off campus.

Committee Chairman Eldon Zehr reported that the University post office is making a strong effort to provide efficient mail service despite severe budgetary and personnel constraints.

"Limitations on the quantity and quality of service it can provide are likely to continue for the foreseeable future," he told the Senate.

Zehr cited problems in the sheer volume of mail as a result of the rapid growth of the University in recent years.

Tips for getting the most from campus mail

Here are some things you can do to help the post office improve your mail service:

For individuals

- Always use five-digit zip codes PLUS your four-digit department number for all outgoing mail. Also, have all incoming mail addressed with those same four digits. Putting the department numbers on mail speeds sorting and reduces billing errors.

- Do not use the University postal system for personal mail. Placing personal mail in federal post office collection boxes decreases the volume of mail to be processed by the University and allows for faster interoffice delivery. Also, consider having journals and magazines delivered to your home address.

- Remember your zip codes.
 - Use 29631 for Clemson city street addresses.
 - Use 29632 for University student post office boxes.
 - Use 29633 for Clemson city post office boxes.
 - Use 29634 (plus your four-

digit department number) for University departments and other administrative units.

- Use correct and complete interoffice addresses. Keep in mind that many new or temporary post office employees may not know where some departments are located.

For departments

- Separate and fasten your mail into stamped, metered and interoffice groups.

- Do not mix your department's metered mail with that of another department.

- Make sure addresses are correct and complete.

- Promptly notify the post office of any changes of name or address on campus.

- Consider establishing a centralized location in your building for a once daily mail pick-up and delivery.

- For bulk mailings — especially on campus — sort mail by departments, not alphabetically by individuals.

Senate (cont. from p. 2)

"The postal system is overwhelmed with the volume of mail relative to the number of employees," he said, adding that funding needs — such as adding permanent employees and equipment — may not be adequately addressed in the near future.

Zehr said the postmaster has provided some suggestions on how employees and departments can help the post office process the mail (see the box on p. 2).

New Trustees

(cont. from p. 1)

He is a charter member of the Presidents Club, a past president of the Greenville Clemson Club and a former member of the Alumni National Council and the Board of Visitors.

He established the W.J. Neely Scholarship in memory of his father and was selected in 1988 as one of several distinguished alumni of the College of Liberal Arts. An IPTAY member for 42 years, he is now an IPTAY representative emeritus.

Joseph D. "Joe" Swann of Greenville is vice president and general manager of the mechanical group of Reliance Electric.

A Clio native, Swann earned a B.S. degree in ceramic engineering from Clemson in 1963 and an M.B.A. degree from Case Western Reserve University in 1969.

He serves as chairman of the S.C. Humanities Council and the State Affairs Committee of the Greenville County Chamber of Commerce.

He also serves Clemson as an IPTAY representative and as a member of the University Board of Visitors, the Research Foundation Board and the Industrial Advisory Board for the mechanical engineering department.

New Appointments

Donnie Brewer, University fire marshal

Brewer, a firefighter with the University Fire Department since 1982 and a deputy state fire marshal, will combine his knowledge of building safety codes and fire codes with an emphasis on public education to create a fire-safe environment on campus.

Brewer is a graduate of Pendleton High School and has attended Tri-County Technical College. He also has attended state and national fire-related schools and seminars.

As a certified fire inspector for South Carolina, he has conducted fire safety programs for children and adults.

Jody Bryson, director of field activities, Alumni Relations

The former deputy director of transportation in Gov. Carroll Campbell's office, Bryson now coordinates the Clemson Alumni Association's Clemson Club program and other off-campus activities and services for some 50,000 alumni.

Bryson is a Greenville native and 1987 Clemson graduate.

Tony Craft, manager, University bookstore

Craft, a Pendleton native, has served as assistant bookstore manager since 1974 and as acting director since January.

He is responsible for overseeing seven areas of operation: text and trade books, shipping and receiving, softgoods, arts and engineering supplies, computer operations, cashiers, and remote athletic sales.

Craft earned a bachelor's degree in business administration from Central Wesleyan College.

David S. Howle, head, seed certification department

Howle, a Hartsville native, will be responsible for carrying out seed quality and standards programs in South Carolina, promoting farm production and use of certified seed, and helping the S.C. Agricultural Experiment Station and the S.C. Foundation Seed Association in the development and release of new seed varieties.

Howle, the former director of cotton research with the Northrup King Co. of Leland, Miss., earned two degrees in agronomy from Clemson and a doctorate in agronomy from the University of Arkansas.

Charles K. Watt, associate vice president for research

A Pelzer native and Clemson alumnus, Watt has extensive research ties in higher education, industry and government.

In past positions, he headed scientific activities in private industry, directed research at the Georgia Institute of Technology and was responsible for development and testing of major weapons systems for the U.S. Defense Department.

In his new post, Watt will assist in expanding the quality and quantity of the University's research base, while supporting a balance with excellence in the classroom. He especially recognizes a need to acquire new research space on a campus with already crowded facilities.

A 1959 electrical engineering graduate at Clemson, Watt earned master's and doctoral degrees in engineering from George Washington University. He is a former chairman of Clemson's Industrial Advisory Board in Engineering.

Dates to remember:

All events, unless otherwise noted, are free.

Thru Aug. 30

— Exhibit: "Ceremony and Celebration: Commencement at Clemson Through the Years." Library hours, Cooper Library lobby. (Library/Special Collections, Susan Hiott, 656-0234)

Thru - May 5

— Final examinations.

May 6-12

— Dropout Awareness Week. (National Dropout Prevention Center, 656-2599)

Monday, May 7

— Panel discussion: "Forum on Campus Parking." 3 p.m., Daniel Auditorium. Features Parking Services Director Bill Pace, Public Safety Chief Wayne Wardlaw, Campus Master Planner Mark Wright, Vice President for Administration Hugh Clausen, Associate Vice President for University Relations Harry Durham (moderator). (Commission on Classified Staff Affairs, Judi Nicks, 656-2598)

Tuesday, May 8

— Meeting: Staff Commission. 10 a.m., 113 Lehotsky Hall. (Judi Nicks, 656-2598)
— Meeting: Faculty Senate. 3:30 p.m., Student Senate Chamber. (Allen Dunn, 656-4829)

Wednesday, May 9

— Baseball: Georgia. 7 p.m., Tiger Field. (Sports Information, 656-2101)

Thursday, May 10

— General Faculty/Staff Meeting. 10 a.m., Tillman Auditorium. (Provost's Office, 656-3243)

— Baseball: Campbell. 7 p.m., Tiger Field. (Sports Information, 656-2101)
— Black Faculty/Staff Association meeting. 5 p.m., F-149 Poole Center. (Cheryl Adams, 656-4675)

Friday, May 11

— Commencement. 11 a.m., Littlejohn Coliseum.
— Seminar: New Employee Orientation. (Personnel Services, 656-2426)

Monday, May 21

— Registration for first summer session.

May 21-25

— College Week for Senior Citizens, 1st session. (Parks, Recreation and Tourism Management Dept., Louis Bregger, 656-3400)

Tuesday, May 22

— Classes begin.

Wednesday, May 23

— Last day to register or add a class.

Friday, May 25

— Seminar: New Employee Orientation. (Personnel Services, 656-2426)

May 28-June 1

— College Week for Senior Citizens, 2nd session. (Parks, Recreation and Tourism Management Dept., Louis Bregger, 656-3400)

Tuesday, May 29

— Last day to withdraw from class or the University without record.

Commencement

(cont. from p. 1)

from Harvard Law School.

The Gallup Poll named her one of the world's 10 most admired women in 1988.

Lee, a native of Charlotte, N.C., has been chairman and chief executive officer of Duke Power Co. since 1982. He joined that company's engineering department in 1955 after serving in the U.S. Naval Civil Engineering Corps.

Chairman of the Institute of Nuclear Power Operations from its founding in 1979 until March 1982, Lee graduated magna cum laude from Princeton University with a B.S. degree in engineering.

Dempsey is a South Carolina native who heads the nation's largest environmental services company.

Last month, he gave \$250,000 to endow the Jerry E. and Harriet Calvert Dempsey Professorship of Waste Management in the environmental systems engineering department.

Board (cont. from p. 1)

— adopted the Centennial coat-of-arms and flag as official University symbols;

— adopted an Earth Day proclamation calling on the University to reduce waste, improve recycling and improve efficiency and use of resources on campus as well as work toward improved environmental quality for the state;

— ratified mail ballots that awarded several contracts, including one for \$2.07 million to Marsh/Bell Construction Co. Inc. for construction of an academic learning center.

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Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, May 4, for May 16 issue.**



Clemson

WEEKLY

Vol. 29, No. 37

Wednesday, May 9, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Gift to benefit environmental research

University officials this week announced a \$10 million environmental research initiative at the Clemson Research Park, made possible by the largest corporate commitment in the University's history.

The \$3.6 million pledge by Chemical Waste Management Inc. (CWM) of Oak Brook, Ill., includes a \$1.6 million corporate gift plus \$2 million in guaranteed research funding.

The University plans to provide another \$3.9 million and attract the remainder through philanthropic donations.

CWM also has established a new subsidiary, Chem-Nuclear Laboratory Services Inc., which will become the first industrial tenant of the park in a five-year part-

nership with the graduate research program of the environmental systems engineering department.

The Clemson group and the private group each will occupy a new building at the park, and together, the two facilities will accommodate up to 100 researchers and support staff.

President Max Lennon made the announcement along with Jerry Dempsey, president and chief executive officer of CWM, the nation's largest environmental services company.

The University-industry partnership will perform a variety of environmental research, Lennon told the group.

On one front, researchers will (see **Environmental Research** on p.3)

Early retirement option highlights forum

A recent compromise among state legislators and several lobbying groups may allow some teachers and other state employees to retire early with reduced benefits, said panelists at a forum on early retirement.

According to the panelists, the proposal, as it now reads, would allow state workers with 25 years of service to retire at age 55 and to begin drawing their benefits immediately (instead of having to wait five years) at a reduced rate.

In addition, early retirees would be responsible for paying for their health insurance until they reach age 60 or would have had 30 years of service.

While endorsed by other state leaders, the proposal has not yet been approved by the General Assembly.

Sponsored by the Clemson chapters of the S.C. State Employees Association and the American Association of University Professors, the forum brought together representatives from the business and education communities — which often have lobbied on opposite sides of the early retirement issue — and the director of the S.C. Retirement System.

Some of the approximately 250 in attendance at the Thurmond Institute auditorium expressed concern that the compromise was not, in effect, an actual benefit. However, panelist Mary Green, a lobbyist for the S.C. Education Association, which has fought hard for the early retirement option, called the proposal a step in the right direction.

(see **Retirement** on p.3)

Get I.D.s made now because you'll need them later

Even though the University's new photo I.D.s won't go in effect until the beginning of the second summer session, now is still a good time to get your picture made.

Starting July 3, faculty, staff and students will need the new I.D.s for uses ranging from checking out Library books to checking in at Fike Recreation Center.

And for students, the new I.D.s also will serve as meal and activities cards.

The I.D. services department has set up remote locations for students and employees to have their photos made on any of these dates:

- **Thursday, May 10**
- **Friday, May 11**
Facilities Maintenance conference room
- **Monday, May 14**
Fike Recreation Center multi-purpose room
- **Tuesday, May 15**
Clemson House mezzanine
- **Wednesday, May 16**
- **Thursday, May 17**
G-11 Sikes Hall

The actual picture-taking process should take no more than two or three minutes. I.D. cards will be distributed in June.

If you can't make it to one of these sessions, call I.D. services at 656-2440 to set up an appointment in G-11 Sikes Hall.

Retiring Faculty Senators**Agricultural Sciences**

William Stringer
Roy Young
R. Gordon Halfacre
Ronald Thomas (Alt.)

Architecture

Janet LeBlanc

Commerce and Industry

Bhuvnesh Goswami (Alt.)

Education

Robert Hefley (Alt.)

Engineering

Leo Gaddis
Joe Hammond
William J. Kennedy (resigned —
will be on sabbatical next year)
John M. Kennedy (Alt.)

Forest/Recreation Resources

Francis McGuire
Lawrence Nix (Alt.)

Liberal Arts

Edwin Coulter
John Ryan
Hallman Bryant (Alt.)

Library

Marsha McCurley (Alt.)

Nursing

(no one is retiring this term)

Sciences

Robert Kosinski
Alan W. Madison
Edward Pivorun
Eleanor Hare (Alt.)

**New Faculty Senators
1990-93****Agricultural Sciences**

Jere Brittain
Susan U. Wallace (thru 1992)
Gary Wells
David Brune (Alt.)

Architecture

(representative to be determined)

Commerce and Industry

Eurico Ferreira (Alt.)

Education

Sandra Rogers (Alt.)

Engineering

James A. Liburdy
Michael Bridgewood
William Baron (thru 1992)
Richard Rice (Alt.)

Forest/Recreation Resources

Richard Conover
Guy Sabin (Alt.)

Liberal Arts

George R. Lucas Jr.
Lucy E. Rollin
Edward P. Willey (Alt.)

Library

Martha Lyle (Alt.)

Nursing

(did not hold elections this term)

Sciences

Eleanor Hare
Edward Ruppert
Karl Dieter
Jerry A. Waldvogel (Alt.)

**Stepping Down**

The Faculty Senate recently honored its retiring Administrative Assistant Margaret Cannon (left) and former President Gordon Halfacre for their contributions to that organization throughout the past several years.

Cannon, the Senate's first office secretary, has served in that capacity for the past two years. Halfacre, the University's most recently named Alumni Professor, has served in the Senate for the past three years.

Environmental research (cont. from p. 1)

develop methods for safely managing mixed waste, which contains both hazardous and radioactive substances. Mixed waste management poses a dilemma, because regulations differ for haz-

ardous and radioactive materials. On some points, the regulations conflict.

Other areas of research will include waste minimization, hazardous waste management, wastewater treatment, drinking water treatment, air pollution control, environmental policy issues, environmental chemistry, environmental biology and solids waste management.

Clemson's environmental program is highly respected and was a key factor in attracting this initiative to the Upstate, Dempsey said.

Dempsey, a 1954 Clemson graduate whose parents live in Anderson County, is contributing

personally to the research initiative. In March, he and his wife pledged \$250,000 to Clemson for the Jerry E. and Harriet Calvert Dempsey Professorship of Waste Management.

The gifts are part of The Campaign for Clemson, the \$62 million capital fund drive announced in November. The campaign, begun in July 1987, had raised more than \$46 million as of April 1.

The new facilities are expected to be finished in 1991 and 1992.

Retirement

(cont. from p. 1)

"At least it provides state employees with an extra option that they did not have a year ago," she said.

Much of the resistance to the early retirement option has come from state businesses.

Russell Munn, lobbyist for the S.C. Chamber of Commerce, explained that his organization was concerned that state taxpayers and the private sector would be paying for an option that would only benefit state employees.

Also, state taxpayers could end up paying more in the long run (through state income taxes) to keep the retirement system financially solvent because, at least in theory, more state employees would retire early and drain the system's resources.

As for the system's financial solvency, retirement system Director Purvis Collins called it "well-funded," adding that retirees have no reason to doubt that they will get their money at retirement.

"We are required by state law to pay benefits but not cost-of-living increases," he said, "however, we have paid them for the last 20 years, and they are among the most generous in the nation."

Collins added that South Carolina's pre-retirement education programs are among the nation's best and that "we welcome a total comparison to any system in any state in the country."

Friday, May 11
Commencement

11 a.m., Littlejohn Coliseum

Early Retirement At A Glance

The current "Age 60" option:

- you must be age 60 with less than 30 years of service
- you will receive a 5 percent reduction in benefits per year for every year under age 65
- you can begin drawing reduced benefits immediately
- you may continue your health insurance upon retirement (provided you meet the minimum state criteria*) by continuing to pay your portion of the premiums
- you will be eligible for cost-of-living increases in your benefits in the second July after you retire

* *NOTE: For the state to continue paying its portion of your health insurance, you must have 10 years of service (if you were hired after July 1, 1984).*

If you have 5-9 years of service, you must pay both your premiums and your employer's premiums until you reach age 60 or 30 years of service.

The proposed "Age 55" option**:

- you must be age 55 with at least 25 years of service
- you will receive a 4 percent reduction in benefits per year for every year under 30 years
- you can begin drawing reduced benefits immediately
- you may continue your health insurance upon retirement (provided you meet the minimum state criteria*) by continuing to pay your premiums AND your employer's premiums until age 60 or 30 years of service (at which time you will continue paying only your portion of the premiums)
- you will not be eligible for cost-of-living increases in benefits until the second July after age 60 or 30 years of service

** *NOTE: To be provided in addition to the Age 60 option.*

Dates to remember:

All events, unless otherwise noted, are free.

Thru Aug. 30

— Exhibit: "Ceremony and Celebration: Commencement at Clemson Through the Years." Library hours, Cooper Library lobby. (Library/Special Collections, Susan Hiott, 656-0234)

Wednesday, May 9

— Baseball: Georgia. 7 p.m., Tiger Field. (Sports Information, 656-2101)

Thursday, May 10

— General Faculty/Staff Meeting. 10 a.m., Tillman Auditorium. (Provost's Office, 656-3243)

— Baseball: Campbell. 7 p.m., Tiger Field. (Sports Information, 656-2101)

— Meeting: Black Faculty/Staff Association. 5 p.m., F-149 Poole Center. (Cheryl Adams, 656-4675)

Friday, May 11

— Commencement. 11 a.m., Littlejohn Coliseum.

Saturday, May 12

— Plant sale. 9 a.m.-1 p.m., Botanical Garden at the red caboose. (If bad weather, sale will be rescheduled for May 19.) Features annual and perennial bedding plants, vegetable plants, herbs and shrubs. (Horticulture, John Bodiford, 656-2458)

Wednesday, May 16

— Animal Science Field Day. 8:45 a.m.-4:30 p.m., Simpson Experiment Station in Pendleton. Features a sheep-herding demonstration, horse exhibition, Belgian horse rides, trolley tours of the station to view Clemson's animal research programs, and demonstrations from area producers. Free lunch will be provided, and a drawing for a free color TV will be held at 3 p.m. (Animal Science, Dee Cross, 656-5155)

— Seminar: Defensive Driving. 8 a.m.-4:30 p.m., Police Department Courtroom. (Risk Management and Safety, Freddie Harbin, 656-3365)

Friday, May 18

— Deadline for 1990 football season ticket orders.

Monday, May 21

— Registration for first summer session.

May 21-25

— College Week for Senior Citizens, 1st session. (Parks, Recreation and Tourism Management, Louis Bregger, 656-3400)

Tuesday, May 22

— Classes begin.

Wednesday, May 23

— Last day to register or add a class.

Friday, May 25

— Seminar: New Employee Orientation. (Personnel Services, 656-2727)

May 28-June 1

— College Week for Senior Citizens, 2nd session. (Parks, Recreation and Tourism Management, Louis Bregger, 656-3400)

Tuesday, May 29

— Last day to withdraw from class or the University without record.

Friday June 1

— Seminar: "Time Management." \$30. (Personnel Services, 656-2727)

Tuesday, June 5

— Briefing lunch: "How the 1990 S.C. Legislative Session Affected Clemson" by Leah Garrett, President's Office. Noon, Alumni Center. \$5. Open to everyone. (Alumni Relations, Mark Eisengein, 656-2345)

June 7-10

— Alumni Reunion Weekend. (Alumni Relations, 656-2345)

There will be no
Clemson Weekly May 23.
The next issue will be May 30.

Students select biologist as Clemson's best

Associate Professor of Biology Ken Revis-Wagner will be honored Friday during Commencement as Clemson's 1990 Alumni Master Teacher.

He was selected by the Student Alumni Council from nominations submitted by students at large.

The once-in-a-lifetime honor, which includes a \$1,500 stipend, is made possible by unrestricted gifts to the annual Clemson Loyalty Fund.

Revis-Wagner earned his bachelor's degree from Emory University and his master's and doctoral degrees from the University of Georgia.

KATHERINE L FRACASSO-LEE
STROM THURMOND SPEC COL
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Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Trustee House. **DEADLINE is FRIDAY, May 11, for May 30 issue.**



Clemson

WEEKLY

Vol. 29, No. 38

Wednesday, May 16, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

S.C. CHE approves Clemson requests

The S.C. Commission on Higher Education has approved three new programs at Clemson:

— *the R. Roy and Margery W. Pearce Center for Professional Communication*, which will promote and coordinate effective-communication research and programs throughout the University, public schools and the state's business sector.

— *a Master of Science degree program in geology*, which will emphasize groundwater geology and help meet a pressing demand in South Carolina for qualified

hydrogeologists. The program will be offered by the earth sciences department in collaboration with the departments of civil engineering and environmental systems engineering.

— *the Institute for Advanced Material and Manufacturing Research*, which will foster basic and applied research on the use of new or unusual materials in South Carolina manufacturing establishments, including those related to key industries such as textiles, chemicals and plastics, ceramics and metal-working.

Home health agency gets state approval

The College of Nursing now makes house calls.

After a two-year licensing and certification process, state officials have approved a new home health agency for the college.

Called Community Nursing Services, it is thought to be the first such fully licensed and certified university-based program in the nation.

Clemson nurses will begin right away making home visits, within a 12-mile radius of the University, in Pickens, Anderson and Oconee counties.

The agency plans to become self-supporting by billing insurance carriers and patients and through grant assistance. Services will not be denied to people with limited ability to pay.

Home health care, which is expected to increase to \$23.2 billion by 1993, is the fastest growing component of the health care industry, says Sara Barger, head of the professional services department.

To help meet that need, Community Nursing Service will offer skilled nursing, social work and speech therapy service to clients who are homebound, under a physician's care and need inter-

'Field trip' to acquaint faculty, staff with Palmetto State

About 45 new faculty and staff have begun work to become more aware of — and more responsive to — problems in the Palmetto State.

The new employees are taking a short course in South Carolina life and history via a one-week statewide tour, sponsored by the W.K. Kellogg Foundation.

Through Kellogg, Clemson received a \$79,600 grant for the intense orientation program that, for the second consecutive year, will allow new employees to travel throughout the state, meeting South Carolinians, seeing where they live and work, and hearing about their accomplishments and concerns.

"This is an innovative program designed to help Clemson employees become more aware of the people, geography, environment, problems and opportunities in the state," says President Max Lennon.

"As a public resource, Clemson University must be a more assertive agent of change," Lennon says, "and we see this program as a way of reaching that goal."

Home health care seminar set for June 2

How to make the most of your health care dollar, handling your health insurance and choosing a physician will be some of the topics at an upcoming seminar called "Consumer's Guide To Health Care Services."

The program is scheduled for Saturday, June 2, at the Clemson Holiday Inn and is sponsored by the continuing education department in the College of Nursing.

Registration is \$10 for senior citizens and \$15 for others.

The deadline to preregister is Wednesday, May 30.

To register, or for more information, call the continuing education department at 656-3078.

mittent care.

Janet Timms, a lecturer in the College of Nursing, will direct the program.

Students will provide services under faculty supervision.

Patients of any age will be accepted, including high-risk infants, but the nurses anticipate that 70 percent of their clients will be age 65 and older.

Departmental notes

Agricultural Economics and Rural Sociology

The following papers were presented at the Third International Conference on Computer Use in Extension Work Feb. 1 in Orlando, Fla.:

W.A. Tinsley (Prof) and Gregory Bishop (Sci Prog) presented "Cashweek—A Simple Cash Flow Program."

Tinsley, R.W. Sutton (Prof) and J.H. Christenbury (Prof) presented "Careers: A Microcomputer Program to Evaluate Lifetime Earnings, Savings and Retirement Benefits."

The following papers were presented at the annual meeting of the Southern Agricultural Economics Association in Little Rock, Ark., Feb. 5-7:

S. Sureshwaran (Lect) and C.S. Thompson (Prof) presented "Measures of Social Benefits of Eliminating Government Programs for a Commodity With Mandatory Output Control."

Thompson and Sureshwaran presented "Effects of Alternative Tobacco Policies on the Financial Performance of Tobacco Farms."

Agricultural Education

L.H. Blanton (Prof), J.A. Hash (Prof), R.J. Mercer (Prof), G.C. Shinn (Head) and C.D. White participated in the exchange of ideas at the Southern Agricultural Education Conference March 25-28 in San Antonio.

White (Asst Prof) presented "Inner City High School Students' Perceptions of Career Opportunities in Agriculture" at the 39th Annual Southern Agricultural Education Research Conference in San Antonio March 25-26.

White was elected Southern Region Representative to the AATEA Exchange of Ideas Committee for 1990-92.

Agronomy and Soils

J.D. Jones (former Grad Stu), B.J. Gossett (Prof), J.R. Harris (Ag Sci Assoc II) and

J.E. Toler (Instr, Exp Stat) published "Cowpea (*Vigna unguiculata*) Control in Soybean (*Glycine max*) with Acifluorfen, Chlorimuron, and Thiameturon" in Weed Technology.

M.L. Norfleet (former Grad Stu) and B.R. Smith (Prof) published "Weathering and Mineralogical Classification of Selected Soils in the Blue Ridge Mountains of South Carolina" in Soil Science Society of America Journal.

Smith and R.B. Daniels (N.C. St Univ) published "Occurrence and Characteristics of Fragipans on the Coastal Plains of the Southeastern United States" in Fragipans: Their Occurrence, Classification and Genesis.

Smith, V.L. Quisenberry (Prof) and C.F. Cothran (Ag Sci Assoc II) and C.H. Hamilton (former Ag Sci Asst II) published "Taking a Large Monolith to Use for Teaching Soil Morphology" in the Journal of Agronomy Education.

W.C. Stringer (Assoc Prof), D.P. Belesky (USDA), and N.S. Hill (Univ of Ga) published "Influence of Endophyte and Water Regime Upon Tall Fescue Accessions. I Growth Characteristics" in the Annals of Botany.

Stringer, Belesky and R.D. Plattner (USDA) published "Influence of Endophyte and Water Regime Upon Tall Fescue Accessions. II Pyrrolizidine and Ergopeptine Alkaloids" in the Annals of Botany.

Halina Skorupska (Assoc Prof) and R.G. Palmer (Iowa St Univ) published "Genetics and Cytology of the ms6 Male-sterile Soybean" in the Journal Hered.

Skorupska, M.C. Albertsen (Geneticist), K.D. Langhoiz (Iowa St Univ) and Palmer published "Detection of Ribosomal DNA Genes in Soybean by in situ Hybridization" in Genome.

Bioengineering

Andreas F. von Recum (Head) received the Humboldt Research Award for Senior U.S. Scientists, which will allow him to conduct research at the University of Tübingen in West Germany.

Biological Sciences

Donald M. Henricks (Adj Prof) won the \$1,500 Godley-Snell Award for Excellence in Agricultural Research presented by Gamma Sigma Delta.

1989 Safe Driver Award Recipients

James B. Aitken
Charles I. Dial
William Ken Glenn
William Michael Hood
Earl Jennings James

Ronald B. Oates
Gregory L. Rieghard
Billy B. Rhodes
Frederick D. Singleton
Edward P. Willey III

5-Year Safe Driver Award Recipients

Marie Doris Alberti
Carlton Cox
Alfred R. Cureton
Genevia O. Dodd
Larry J. Granger
Edward C. Greene
Randall K. Holladay
Ronald A. Howell
Michael T. Hunnicutt
Billy M. Lee
Harold E. Lester
Mabry W. McCrary
Thea C. McCrary
Robert S. McGuffin
Mary J. McMahan
Gregory J. Newton
Bea G. Patterson
Ralph J. Roach
Daniel C. Wardlaw
Dennis E. Wilks
Thomas N. Woody
Dewey K. Barefield Jr.
Billy Joe Gossett
Richard H. Gambrell
W. Doyce Graham Jr.
Charles R. Martin
Edward C. Murdock

C. Leonard Parks
James W. Reid
James S. Rice
Emerson R. Shipe
Horace D. Skipper
William C. Stringer
Joe E. Terry
Stephen C. Wagner
Paul F. Williams Jr.
Benjamin C. Morton Jr.
Manzo N. Crooks Jr.
Garry William Weeden
Thomas Edwin Gibson
Billy Stephen Nix
James Bennett Atkinson
Michael S. Brown
Freddie Harbin
Frank Nelson Hill
Gerald Woodrow Kirby
Melvin Clifton Nix
Garland Eugene Callahan
Jack W. Davis
Donald N. Snaders
William E. Crawford
George L. Hardy
Harold W. Turner

Chemical Engineering

At the American Institute of Chemical Engineers Spring National Meeting in Orlando:

Mark C. Thies (Assoc Prof) and Carl T. Lira (Michigan St Univ) organized the featured symposium on Supercritical Fluids.

Thies chaired "Phase Equilibria and Supercritical Fluids."

Thies presented "Fluid-Phase Equilibria for Biocompound-Water Mixtures at Elevated Temperatures and Pressures." Co-authors were J. Briones (Grad Stu) and J. Mullins (Prof).

Thies presented "Fractionation of Petroleum Pitch by Supercritical Fluid Extraction." Co-authors were K. Hutchenson (Grad Stu) and J. Roebbers (Grad Stu).

Chemistry

R.A. Abramovitch (Prof), M. Konieczny (Res Assoc), W. Pennington (Dir, Crystallography Lab), S. Kana-mathareddy (Res Assoc), and M. Vedachalam (Res Assoc) published "2-Azidoallyl-phosphonates: Synthesis and Application to Formation of 4-Amino-2-ethoxy-1,2-oxaphosphol-3-ene-2-Oxides" in the Journal of Chem. Soc. Chem. Commun.

Civil Engineering

Russell H. Brown (Head) was a co-recipient of the 1989 Alan H. Yorkdale Memorial Award, sponsored by the Americal Society for Testing Materials.

Communications Center

Roger Koonce (Dir) was elected chairman of the Agricultural Satellite Corp. Production Technical Council.

Computer Science

A.J. Offutt (Asst Prof) presented "The Coupling Effect: Fact or Fiction?" at the ACM Sigsoft '89 Third Symposium on Software Testing, Analysis and Verification in Key West, Fla., Dec. 12. The paper will be published in the conference proceedings.

S.T. Hedetniemi (Prof) presented "Private Domination: Theory and Algorithms" co-authored by D.P. Jacobs (Asst Prof) at the 21st Southeastern Conference on Combinatorics, Graph Theory, and Computing in Boca Raton, Fla., Feb. 12. The paper was submitted for publication in the conference proceedings.

T.D. Korson (Asst Prof) presented "Introducing Ada as a New Language in a Software Engineering Course." The paper will be published in the conference proceedings.

J.C. Peck (Prof) presented "Analysis of Distributed Joint Algorithms" at the DMCC '90 conference in Charleston April 9. The paper was co-authored by Satish Dharmaraj (Grad Asst)

G.A. Tagliarini (Vstg Asst Prof) and E.W. Page (Prof) conducted "Neural Computation" at the Alcoa Research Center in Pittsburgh March 19.

D.E. Stevenson (Assoc Prof) presented "Computational Science at Clemson" to the S.C. Heads of Sciences meeting in Charleston March 30.

Stevenson presented "Computational Science at Clemson" at Benedict College in Columbia April 6.

Jacobs presented "Proofs for Non-Identities Using Characteristic Functions" at the 21 Southeastern International Conference on Combinatorics in Boca Raton, Fla., Feb. 12-16.

At the Defense Logistic Agency Conference in Philadelphia Feb. 14:

Peck presented "Cost/Benefit Analysis of Egronomically Designed Chairs Using Real Time Data" and "An Automated Guided Vehicle Tool for Program Development."

R.P. Pargas (Assoc Prof) presented "Look-Ahead Simulation of Shop Floor Operations," co-authored by Peck and L.M. Delcambre.

A.W. Madison (Assoc Prof) presented "A Distributed Operating System for Apparel Manufacturing," co-authored by Peck and J.M. Westall (Assoc Prof).

Madison presented "Apparel Manufacturing Information System," co-authored by H.C. Grossman (Assoc Prof).

English

Roger Rollin (Lemon Prof) was elected president of the American Culture Association, a national organization devoted to the comprehensive study of American culture at all levels.

Entomology

R.G. Bellinger (Asst Prof) co-organized, co-moderated and presented "How Many Ovarioles? Well it Varies" at the Grasshopper Worker's Conference at the Entomological Society of America national conference in San Antonio, Texas, Dec. 10-14.

Bellinger presented "Current Issues in Pesticides" at the University of Delaware in Newark, Del.

Bellinger and F.W. William Ravlin (VPI) presented "A Sampling of Gypsy Moths" at the 53rd annual meeting of the Georgia Entomological Society in Athens.

Bellinger presented "New Federal Initiatives and Their Impacts on Entomological Problems" and with P.M. Horton (Prof) presented "Clemson University's Pesticide Information Program" at the 35th annual meeting of the S.C. Entomological Society in Florence in November.

Bellinger presented "South Carolina Participation in IR-4 (A National Agricultural Program to Clear Pest Control Agents)" and "Animal Drugs for Minor Uses" at Clemson University's 38th Annual Agricultural Chemicals School in Columbia.

Bellinger presented "South Carolina Participation in the National Agricultural Pesticide Impact Assessment Program: Minor Use and Ir-4" at the S.C. Agricultural Aviation Association Recertification Training Program in Hilton Head.

Bellinger presented "Endangered Species and PCO's" and "What PCO's Should Know About Groundwater Protection" at Clemson University's 30th Annual Pest Control Operators School in Clemson.

Bellinger presented "South Carolina Participation in NAPIAP, 1988-89" at the Annual Southern Region Pesticide Impact Assessment Meeting in Biloxi, Miss.

P.M. Horton (Prof), F. Wolak (Prof, Ag Eng) and Bellinger conducted a "Spray Plane Calibration" at the Operation Safe Fly-In in Bishopville.

Bellinger presented "Pesticide Safety for Homeowners" at the sixth annual convention of the S.C. Horticultural Society in Columbia.

Bellinger presented "Protection of Endangered Species and Groundwater" at the 23rd annual Clemson Turfgrass Conference in Myrtle Beach.

Bellinger and R.L. Pienkowski (VPI) published "Developmental Polymorphism in Relation to the Life History of *Melanoplus femurrubrum* (De Geer) (Orthoptera: Acrididae)" in the March issue of The Annals of the Entomological Society of America.

More departmental notes will run in the May 30 issue.

Dates to remember:

All events, unless otherwise noted, are free.

Thru Aug. 30

— Exhibit: "Ceremony and Celebration: Commencement at Clemson Through the Years." Library hours, Cooper Library lobby. (Library/Special Collections, Susan Hiott, 656-0234)

Wednesday, May 16

— Seminar: Defensive Driving. 8 a.m.-4:30 p.m., Police Department Courtroom. (Risk Management and Safety, Freddie Harbin, 656-3365)
— Facilities Planning Committee meeting. 1:30 p.m., Design and Engineering conference room, 324 University Square. Agenda includes updates on parking, the Engineering Innovation Center design plan and a temporary office for Y-Beach. (Facilities Planning and Management, 656-5845)

Friday, May 18

— Deadline for 1990 football season ticket orders.
— Animal Science Field Day. 8:45 a.m.-4:30 p.m., Simpson Experiment Station in Pendleton. Features a sheep-herding demonstration, horse

* NOTE: Animal Science Field Day will be held Friday, May 18 — not Wednesday, May 16, as reported last issue.

exhibition, Belgian horse rides, trolley tours of the station to view Clemson's animal research programs, and demonstrations from area producers. Free lunch will be provided, and a drawing for a free color TV will be held at 3 p.m. (Animal Science, Dee Cross, 656-5155)

Monday, May 21

— Registration for first summer session.

May 21-25

— College Week for Senior Citizens, 1st session. (Parks, Recreation and Tourism Management, Louis Bregger, 656-3400)

Tuesday, May 22

— Classes begin.

Wednesday, May 23

— Last day to register or add a class.

Thursday, May 24

— Traffic and Parking Committee meeting. 1:30 p.m., location TBA. (Parking Services, 656-2270)
— Seminar: Pager Service. 10 a.m., Senate Chambers. Features information on types of pagers, available services, coverage area, toll-free access, state pricing and contracts. Register by dialing 0. (Communications Services, 656-2600)

Friday, May 25

— Seminar: New Employee Orientation. (Personnel Services, 656-2727)

May 28-June 1

— College Week for Senior Citizens, 2nd session. (Parks, Recreation and Tourism Management, Louis Bregger, 656-3400)

Tuesday, May 29

— Last day to withdraw from class or the University without record.

Thursday, May 31

— Seminar: Telephone Usage. 10 a.m., Senate Chambers. Training session on the use of the University's telephone system. Register by dialing 0. (Communications Services, 656-2600)

Friday June 1

— Seminar: "Time Management." \$30. (Personnel Services, 656-2727)

Tuesday, June 5

— Briefing lunch: "How the 1990 S.C. Legislative Session Affected Clemson" by Leah Garrett, President's Office. Noon, Alumni Center. \$5. Open to everyone. (Alumni Relations, Mark Eisengein, 656-2345)

June 7-10

— Alumni Reunion Weekend. (Alumni Relations, 656-2345)

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Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us (one last time) at the Trustee House.

DEADLINE is FRIDAY, May 18, for June 7 issue.

We're moving!

There won't be a *Clemson Weekly* next week because we'll be busy moving — along with *Clemson World* and *Clemson World News* — to our new offices at the Alumni Center.

However, our telephone numbers will remain the same:

Clemson Weekly

.... 656-3860

Clemson World News

.... 656-3861

Clemson World

.... 656-3869

And by the way, look for the next *Clemson Weekly* on Wednesday, May 30.

Clemson

WEEKLY

Vol. 29, No. 39

Wednesday, May 30, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Parking fees, parking spaces to increase

Parking fees will go up this August, probably to \$18 or \$24, said panelists at the recent forum on campus parking, sponsored by the Commission on Classified Staff Affairs.

While exact fees have not yet been officially approved by the President's Cabinet, panelists said an increase is necessary to support repaving and construction projects and an expanded campus shuttle system.

Once approved, fees should remain stable for several years unless the University undergoes additional major increases in the numbers of employees and/or students, said Bill Pace, director of parking services.

Plans also call for the relocation of commuter- and resident-

parking farther toward the perimeter in order to provide more employee parking closer to the campus interior.

"By the end of next summer, we hope to have provided around 300 additional spaces for employees," said Pace. (see story, p.3)

Panelists also discussed such potential solutions as parking garages, mechanical gates and reserved parking. (see story, p. 2)

In addition, panelists said the Traffic and Parking Committee would look into other possibilities, such as towing student cars on the first offense, not allowing freshmen to register vehicles, and having the University pay employee's parking fees in lieu of merit raises.

Self-study highlights 1989-90 year

Clemson's single most important achievement during the 1989-90 school year — in the eyes of President Max Lennon — was the University's comprehensive self-study, whose goal was a clearer understanding of the mission of this institution."

The self-study has reaffirmed Clemson's commitment to undergraduate education, said Lennon May 10 at the general meeting of the faculty and staff.

He said admissions officials will study even more closely the problem of increased freshmen enrollment and will develop plans to curtail such growth. To that end, the admissions office is projecting a fall freshman class of 2,500 (400 less than last year).

Also:

- Provost Teaching Awards

will be established to reward excellence in undergraduate instruction;

- the Calhoun College honors program will be revamped;

• a Center for Teaching Development and Innovation will be established;

- a University-wide common (core) curriculum will be investigated;

• a Master Teaching Program will be developed.

As the environment continues to be a major emphasis for Clemson, Lennon called for University students and graduates to be more "environmentally sensitive."

Lennon also cited advanced materials manufacturing and biotechnology as areas in which

(see Faculty address on p.2)

How many hangtags?

How many spaces?

(Numbers of hangtag/decal sets issued — not including multiple registrations or replacements):

| | |
|------------------|--------|
| Total hangtags — | 14,905 |
| Total spaces — | 9,336 |

| | |
|---------------------|-------|
| Employee hangtags — | 3,337 |
| Employee spaces — | 2,532 |

| | |
|---------------------|-------|
| Commuter hangtags — | 6,485 |
| Commuter spaces — | 2,896 |

| | |
|---------------------|-------|
| Resident hangtags — | 3,516 |
| Resident spaces — | 3,036 |

| | |
|----------------------|-----|
| Apartment hangtags — | 970 |
| Apartment spaces — | 872 |

| | |
|---------------------|-----|
| Visitor spaces — | 100 |
| Handicap spaces — | 50 |
| Timed spaces — | 350 |
| Motorcycle spaces — | 175 |

Increasing populations

(Numbers of hangtag/decal sets issued including multiple registrations and replacements):

Fall '88

| | |
|-----------------------------|--------|
| Commuters | 5,792 |
| Employees | 4,738 |
| Residents | 3,666 |
| Apts/Clemson House | 1,233 |
| Motorcycles, handicap, etc. | 749 |
| total | 16,178 |

Fall '89

| | |
|-----------------------------|--------|
| Commuters | 6,665 |
| Employees | 5,269 |
| Residents | 3,489 |
| Apts/Clemson House | 1,260 |
| Motorcycles, handicap, etc. | 546 |
| total | 17,229 |

All numbers as of Jan. 31, 1990

Faculty address (cont. from p. 1)

Clemson will excel in the next decade.

At the moment, Clemson's 1990-91 budget remains in doubt. The House of Representatives is recommending 86 percent of full formula funding, with the Senate backing what is, in effect, 88 percent. Cutting Edge funding should reach approximately \$5 million. State employees appear to be getting a 2-percent base-pay increase plus 2-percent merit (for those who qualify) and a .25-percent bonus.

Lennon said despite the bleak budget outlook the administration hopes to be able to provide some \$500,000 in faculty salary adjust-

ments next year.

"What this may mean," he said, "is that we will have to cut back in other areas — such as hiring fewer employees, ordering less equipment — if compensation is to remain a priority."

Lennon added that Innovation Funds have been established to reward those who excel in reallocating resources and squeezing the most out of budget dollars.

Also at the meeting:

- mechanical engineering Professor **James Goree** was named the faculty's first Centennial Professor;

- forest resources Professor **David Hon** received the 1990

Alumni Award for Distinguished Achievement in Research for his efforts in wood chemistry;

- sociology Associate Professor **Chris Sieverdes** received the American Association of University Professors Award for the best all-around teaching;

- chemistry Professor **Joe Allen** received the Frank A. Burtner Award for Excellence in Advising Students;

- language and international trade senior **Tracy Malcolm** was elected to receive at Commencement the Norris Medal — the University's highest student honor — as the year's best all-around graduate.

Forum explores several solutions to parking puzzle

Of the potential solutions offered at the recent Staff Commission forum on campus parking, the most-offered suggestion from the audience was to build a parking garage.

Panelists said the administration has considered the idea but has found it too expensive to pursue at the moment.

At present, costs for construction, maintenance and security are approximately \$1,000 per space in a parking lot versus between \$5,000 and \$7,000 per space in a parking garage. The cost per space in an underground parking facility, as had been suggested, is approximately \$18,000.

"The committee has looked seriously at this alternative for several years," said Campus Master Planner Mark Wright, "however, this is not the most efficient use of our resources right now.

"Not to mention that it would be difficult to locate a garage so that it could be truly convenient to use without detracting from the look of campus, particularly in the historical district, which is where many of the prime sites would be

located."

The installation of **mechanical gates**, such as those at Jervy Athletic Center, also was mentioned but are too expensive to be considered.

Panelists pointed out that such gates would not only mean reserved parking — which would increase the price of decals considerably — but also would create traffic jams while gates opened and closed for each vehicle.

Also, because interior campus parking is scarce, **reserving parking spaces** or lots would hinder access even further and would cost "a tremendous amount" more than \$12, said parking services Director Bill Pace, because of factors such as demand and enforcement costs.

A strong solution to the parking problem, Pace believes, is an **improved campus shuttle system**, already being expanded.

By fall semester, Pace said, the fledgling campus shuttle system — which by the end of its second year is estimated to have transported some 400,000 faculty, staff and student riders — will

expand from six to 10 vehicles with more comprehensive routes and stops (which will be illustrated along with the new emergency telephone system in the 1990-91 *Clemson University Parking Map*).

(In this past semester alone, campus shuttles transported more riders [180,000] than in all of its first year [104,000].)

Cooper Library will remain the central exchange point for catching either the east-campus or west-campus shuttles.

Four east-campus shuttles will begin operations this fall — three with routes to Poole Agricultural Center and one running the "apartment circuit" from the Library to Thornhill Village to the Clemson House and back.

Seven west-campus shuttles will remain running the Memorial Stadium/Cooper Library/Freeman-Sirrine halls/Olin Hall/Johnstone Hall/and back route.

A joint study between the University and the City of Clemson will be conducted this summer to study the system's efficiency and the possibility of expanding shuttle routes into the city.

Making the best of a less-than-ideal parking situation

Most of us have always taken convenient parking, like clean water, for granted, and now that buildings have sprouted where parking lots once flourished, we seem to have tapped out.

And more than anyone, Bill Pace knows what it's like. If you were to rank the University's most thankless jobs, it's probably safe to say that his would easily — and

consistently — rank in the top five. But then again, it's all part of the turf that goes with being the director of parking services.

While Pace acknowledges the campus parking situation is less than ideal, it's better than it was three years ago when he was handed a new headache — becoming a self-supporting auxiliary enterprise.

"When we first became self-supporting in 1987-88 — so that we could carry money over from year to year — we started off the year with a 700-space deficit," he says of losing 500 parking spaces to the Strom Thurmond Institute building and about 200 spaces to the Hunter Chemistry Laboratory.

"That's about as far in the hole as I ever care to be."

Now, he says, with the construction of several parking lots to begin this summer, the department is on its way to erasing that early-on deficit.

"I've had to 'save up' for several years to carry over enough money to build these lots," he says. "Now we'll be able to move more students to the campus perimeter so that we can free up more spaces closer to campus for employees." (see box at left)

This year, a total of almost 15,000 hangtags were issued for about 9,300 parking spaces. And while that ratio is not ideal, Pace says it is acceptable for now.

"The University will never have a one-to-one ratio for the numbers of parking spaces and registrations," he says. "It's considered wasteful because not everyone will be parking at the same time."

The answer, he believes, lies in developing a comprehensive, reliable shuttle system.

"We're going to have to face the reality of our situation, which is that the University has run out of room to park conveniently — and I stress the word conveniently," he says.

"Since parking garages are not likely, at least for the foreseeable future, we are going to have to park on the campus perimeter. That's why a campus shuttle system will become much more important to us within the next several years."

More parking? When and where?

Here's a look at some of the long-range parking construction to begin this summer:

This summer

(59 more employee spaces)

- Construction will begin on a 35-space employee parking lot behind the Strom Thurmond Institute building.
- The Cooper Library parking lots will be restriped to add 10 spaces.
- Parallel spaces from the new three-way stop sign on Cherry Road (at Lever Hall) up to Schilleter Dining Hall will be converted to angle parking, adding 14 spaces.

- The temporary 400-space commuter lot behind Lehotsky Hall will remain in place for one more year until a new permanent lot (which also will benefit the new Student Performance Center) is ready in fall 1991.

- A temporary 275-space lot, to be constructed near the new east-campus housing project site, will be available for commuters until the project is completed in fall 1991, at which time the lot will be redesignated for residents of that building.

This fall

(177 more employee spaces)

- The 177-space commuter lot near Newman Hall (behind

Alumni Park) will be redesignated for employee parking.

- The 104-space resident lot between Littlejohn Coliseum and the Intramural Fields (R-4) will be redesignated for commuter parking.

- The top of the hill from A Street Extension (Press Road) to Perimeter Road will be redesignated for commuter parking, adding 196 spaces. (Residents will move to the lower resident lot, which is not yet filled to capacity.)

Next fall (1991)

(44 more employee spaces)

- A permanent 600-space commuter lot behind Lehotsky Hall will replace the current 400-space gravel lot. The lot will double in the evenings as parking for the new Student Performance Center.

- The temporary 275-space commuter lot near the east-campus housing project will be redesignated as a permanent resident lot.

- A new 150-space commuter lot behind Earle Hall (opposite the residential parking lot) will be ready.

- A section of commuter parking along Williamson Road (near Memorial Stadium) may be redesignated for employee parking, providing an additional 44 spaces.

Dates to remember:

All events, unless otherwise noted, are free.

Thru Aug. 30

— Exhibit: "Ceremony and Celebration: Commencement at Clemson Through the Years." Library hours, Cooper Library lobby. (Library/Special Collections, Susan Hiott, 656-0234)

Thru June 1

— College Week for Senior Citizens, 2nd session. (Parks, Recreation and Tourism Management, Louis Bregger, 656-3400)

Thursday, May 31

— Seminar: Telephone Usage. 10 a.m., Senate Chambers. Use of the University's telephone system. Register by dialing 0. (Communications Services, 656-2600)

We've moved!

The offices of *Clemson Weekly* — along with *Clemson World* and *Clemson World News* — have relocated to the Alumni Center.

Our telephone numbers, however, remain the same:

Clemson Weekly

.... 656-3860

Clemson World News

.... 656-3861

Clemson World

.... 656-3869

Friday June 1

— Seminar: "Time Management." \$30. (Personnel Services, 656-2727)

Tuesday, June 5

— Briefing lunch: "How the 1990 S.C. Legislative Session Affected Clemson" by Leah Garrett, President's Office. Noon, Alumni Center. \$5. Open to everyone. (Alumni Relations, Mark Eisengein, 656-2345)

June 7-10

— Alumni Reunion Weekend. (Alumni Relations, 656-2345)

Friday, June 8

— Seminar: New Employee Orientation. (Personnel Services, 656-2727)

Tuesday, June 12

— Staff Commission meeting. 10 a.m., 113 Lehotsky. (Judi Nicks, 656-2598)

— Faculty Senate meeting. 3:30 p.m., Senate Chambers. (Allen Dunn, 656-2456)

Thursday, June 14

— Last day to withdraw from class or the University without final grades.

— Black Faculty/Staff Association meeting. 5 p.m., F-149 Poole Center. (Cheryl Adams, 656-4675)

— Lecture: "Moral Philosophy and its History" by Jerome Schneewind,

Johns Hopkins University. 7:30 p.m., 200 Hardin. Part of the National Endowment for the Humanities Summer Institute. (Philosophy and Religion/College of Liberal Arts, 656-2584)

June 14-15

— New Student Orientation.

Friday, June 15

— Seminar: "The Effective Secretary." \$30. (Personnel Services, 656-2727) ** CANCELLED **

New representatives

Newly elected representatives to the Commission on Classified Staff Affairs are:

Academic Affairs

Computer Center, DAPS, DCIT
Kathy Hunter
Lib Mills (alt.)

Graduate School/Sciences

Stanlee Miller
Linda Westbrook (alt.)

Agriculture/Natural Resources

Forest Resources
Lynn Belding
Lon B. Martin (alt.)

On-Campus

Ben Morton
Judy Pilgram (alt.)

Off-Campus (two reps.)

Faye Rister
Patsy Sowell
Tony Caver (alt.)

Business and Finance

Kathy Ricketts
Dorothy G. Roberts (alt.)

Institutional Advancement

Charlotte Holmes
Margie Spangenberg (alt.)

Student Affairs

Phil Howard
Mary Joe Williams (alt.)

KATHERINE L FRACASSO-LEE
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Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, June 1, for June 13 issue.



Clemson

WEEKLY

Vol. 29, No. 40

Wednesday, June 13, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Campaign surpasses \$50-million mark

Paced by major gifts from individuals and spurred by the largest corporate commitment in Clemson history, The Campaign for Clemson has passed the \$50-million mark.

Six-figure gifts from individuals and steady support for the annual Loyalty Fund continue to pave the way toward the \$62-million goal. So far, gifts to the Campaign total \$50,017,344.

Chemical Waste Management Inc. has pledged \$1.6-million in gifts and \$2 million in research funding.

Springs Industries' pledge of \$150,000 includes \$50,000 for The Harvey B. Gantt Scholarship Endowment Fund (to recruit and retain top black students) and \$100,000 for unrestricted scholarships.

Springs also will continue to provide \$48,000 annually for four H.W. Close Graduate Fellowships and is completing a \$25,000

pledge for the Strom Thurmond Institute.

Other major gifts to the Campaign include:

- \$1.58 million in state-of-the-art software from VALID Logic Systems Inc.

- a personal commitment of \$250,000 from Jerry Dempsey, president and chief executive officer of Chemical Waste Management Inc., for The Jerry E. and Harriet Calvert Dempsey Professorship of Waste Management.

- \$100,000 from Katherine C. Dunlap for The C.K. Dunlap Presidential Scholarship Fund.

- \$100,000 from Albert D. McAlister for The Albert and Sarah McAlister Presidential Scholars Endowment within The Harvey B. Gantt Scholarship Endowment Fund.

- \$100,000 from Norman Puliam for preliminary work on the proposed East Campus Activity Center.

Materials scientist to fill McAlister Chair

A materials scientist whose discoveries helped make space travel possible has joined the faculty as holder of The P.W. and Bobbie McAlister Trustees Chair in Advanced Engineering Materials — one of the University's most prestigious faculty appointments.

Russell Judd Diefendorf will guide the University's teaching and research efforts in carbon fibers and composite engineering materials.

The light-weight and super-strong carbon fibers can be woven into composite materials for automobiles, spacecraft and other applications — opening up

a new horizon for South Carolina's textile industry.

Diefendorf, who has more than 20 patents to his name, comes to Clemson from Rensselaer Polytechnic Institute in Troy, N.Y., where he served as director of the High-Temperature Advanced Structural Composites Program.

He earned his bachelor's degree in chemistry from the University of Rochester and his doctorate in physical chemistry from the University of Toronto.

In 1974, he was awarded the Alexander von Humboldt prize for research and teaching.

Clemson hosts NEH institute

The University is front and center in discussions on one of higher education's hottest topics: the value of teaching the classics.

"The Philosophical Uses of Historical Traditions," an institute sponsored by the National Endowment for the Humanities, will be held June 13-July 24.

The institute will bring together a number of the nation's most distinguished humanities scholars to discuss creative new uses of the classical texts of Western civilization in both teaching and research.

"These institutes usually are held at places like Harvard, Yale, Chicago and Berkeley," says philosophy Associate Professor George Lucas, who won a \$157,000 NEH grant to offer the institute. "To my knowledge there has never been one held in South Carolina, and this is one of the few ever to be held in the Southeast."

In connection with the institute, there will be a free public lecture series on "The Humanities and the Legacy of Cultural Traditions."

We've moved!

The offices of *Clemson Weekly* — along with *Clemson World* and *Clemson World News* — have relocated to the Alumni Center.

Our telephone numbers, however, remain the same:

Clemson Weekly

.... 656-3860

Clemson World News

.... 656-3861

Clemson World

.... 656-3869

Dates to remember:

All events, unless otherwise noted, are free.

Thru Aug. 30

— Exhibit: "Ceremony and Celebration: Commencement at Clemson Through the Years." Library hours, Cooper Library lobby. (Library/Special Collections, Susan Hiott, 656-0234)

Wednesday, June 13

— Concert: Clemson Recorder Society. Noon, Union Courtyard. (University Union, 656-2461)

Thursday, June 14

— Concert: Cow in the Ditch.

New name badge prices

Inflation tends to hit us all in one way or another, and sure enough, since last reported, the prices for the new University name badges have changed.

So, to help you adjust your original estimates (prices are now 15 cents more than before), here's an updated price list:

\$2.95 for up to 20 characters

\$3.45 for 21-40 characters

\$3.95 for 41-60 characters

For details on ordering your badges, call Carol Ryan in the publications and graphics services department at 656-5000.

Noon, Union Courtyard. (University Union, 656-2461)

— Last day to withdraw from class or the University without final grades.

— Black Faculty/Staff Association meeting. 5 p.m., F-149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

— Lecture: "Moral Philosophy and its History" by Jerome Schneewind, Johns Hopkins University. 7:30 p.m., 200 Hardin. (Philosophy and Religion/College of Liberal Arts, 656-2584)

June 14-15

— New Student Orientation.

Friday, June 15

— Seminar: "The Effective Secretary." \$30. (Personnel Services, 656-2727) ** CANCELLED **

June 15-16

— Short course: "Shagging." \$12. (University Union, 656-2461)

Tuesday, June 19

— Performance: Storyteller. Noon, Calhoun Mansion lawn. (University Union, 656-2461)

— Lecture: "Are Philosophical Problems Insoluble? The Relevance of System and History" by Alasdair MacIntyre, Notre Dame University. 7:30 p.m., 200 Hardin. (Philosophy and Religion/College of Liberal Arts, 656-2584)

Wednesday, June 20

— Lecture: "What is the History of Philosophy the History Of?" by Lynn S. Joy, Notre Dame University. 7:30 p.m., 200 Hardin. (Philosophy and Religion/College of Liberal Arts, 656-2584)

Thursday, June 21

— Lecture: "Socratic Self Examination and the Idea of a Liberal Education" by Martha Craven Nussbaum, Brown University. 7:30 p.m., 200 Hardin. (Philosophy and Religion/College of Liberal Arts, 656-2584)

June 21-22

— New Student Orientation.

Monday, June 25

— Last class day.

June 25-26

— New Student Orientation.

Tuesday, June 26

— Final examinations.

Thursday, June 28

— Lecture: "The Shapes of Philosophy and the Shapes of Art: East and West" by Arthur C. Danto, Columbia University. 7:30 p.m., 200 Hardin. (Philosophy and Religion/College of Liberal Arts, 656-2584)

June 28-29

— New Student Orientation.

July 2-3

— New Student Orientation.

Tuesday, July 3

— Registration for second summer session.

DENNIS S. TAYLOR
STROM THURMOND INSTITUTE
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Clemson weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly* Mark Ford

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

Copyright 1999 by Dennis S. Taylor. This journal is published by the Strom Thurmond Institute. Special thanks to Dennis S. Taylor, Gordon L. Mc, and Mrs. Dennis, who are the

Editor Mark Ford is leaving the University, so this is his final issue of *Clemson Weekly*. In the meantime, you can send your submissions to:

Jack McKenzie

Constituent Communications
Alumni Center.

Look for the next *Clemson Weekly* in July.



Clemson

WEEKLY

Vol. 29, No. 41

Friday, June 22, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson faces a very tight budget year

An increase in student tuition and fees is necessary again this year, University budget officials say, although the hike is less than in years past.

The budget and finance committee of the Board of Trustees voted Tuesday (June 19) to rewecommend a fee increase of 4.5 percent, to \$2,470 annually, for in-state students. Non-resident fees are expected to rise 4.3 percent, to \$6,600. The proposed increase, which will generate \$1.7 million in new revenue, is expected to be approved by the full board during a conference call meeting on Friday.

At 87.2 percent of full-formula funding, Clemson's state appropriation for E&G (education and general) programs will be about \$6.2 million more in 1990-91 than it was in 1989-90.

Despite the increase, Clemson faces an "austere" budget year because of large, unmet needs in several areas, said David Larson, vice president for business and finance.

For example, the University will spend almost \$5 million to cover its proposed compensation plan. That package includes state-mandated employee pay hikes and an additional boost to faculty salaries. "We will not retain or attract exceptional faculty without adequate compensation," said Larson.

In addition to salary issues, the University must replace outdated research and education equipment and must tackle some pressing deferred maintenance

projects. Those needs exceed \$16 million.

"Deferred costs don't just go away," said Larson. "In fact, in many cases the bills just get larger over time. And many of ours are coming due."

PSA outlook bleaker

On the PSA (Public Service Activities) side of the budget ledger, the situation is even bleaker. The PSA budget supports the Extension Service, Agricultural Experiment Station and other regulatory programs. It receives no revenue from student fees.

Although it received "special funding" for some specific programs, PSA's base appropriation will increase by only about \$150,000 next year. With salary increases and new costs, that's the equivalent of a \$1.2 million shortfall, said Paul Gable, associate vice president of agriculture and natural resources.

"PSA department heads have already been told to cut their budgets by 8 percent," Gable said. "Some will do that by freezing vacant positions. Others will cut expenditures by as much as 30 percent for travel, supplies and other costs."

"This will be an extremely tight year for all our budgets," said President Max Lennon. "Our challenge will be to continue our forward momentum in spite of a state funding increase that is less than the inflation rate for higher education."

"It would be easy to slip

backward," Lennon said, "but I'm confident that our faculty and staff will come up with some creative ways to maintain the high quality of our programs in spite of less than adequate state funding."

Pay raises on tap

Classified employees will receive a "cost-of-living" increase of 2.5 percent on Sept. 1, and will be eligible for merit increases averaging 2 percent on their review dates. Faculty members should receive a general pay increase averaging 4.5 percent, which the University will supplement in its quest to bring faculty salaries up to the level of peer institutions in the Southeast.

As Clemson Weekly went to press, many questions remained about exactly how pay raises will be administered.

Business and Finance expects to have detailed information to departments within two weeks.

Chaotic Arts Ensemble perform at gardens

A "musical happening" at the Clemson Botanical Garden on Saturday will feature the Chaotic Arts Ensemble.

According to Ernie Denny, the ensemble is a local, 7-piece modern composition group. They'll perform several original works on Saturday, June 23, at 2 p.m., and the concert will be recorded for their debut album.

Everything's canceled if it rains. Call Denny at 656-3403 if you need more info.

First Centennial Professor reflects faculty's excellence

Appointment of Clemson's first Centennial Professor is an important symbol of the faculty's commitment to excellence, his colleagues say.

James Goree, a professor of mechanical engineering and engineering mechanics, was nominated and selected for the honor by his peers.

The two-year professorship carries an annual stipend of \$12,000 made possible by faculty contributions to an endowment set up by the faculty to reward excellence in scholarship and professional achievement.

When fully funded, the endowment will include at least \$100,000 in private gifts from faculty members and other individuals and a matching grant from the S.C. Commission on Higher Education.

Goree earned his doctorate in engineering mechanics from the University of Alabama. His master's degree is from the University of Washington, and his undergraduate degree is from the University of Florida.

Goree joined the Clemson faculty in 1966, and in 1984 he



President Max Lennon and Jim Goree, Centennial Professor

won the University's outstanding research award, sponsored by Sigma Xi and the Clemson Alumni Association.

"Jim's national reputation is based on the numerous papers he has published and his involvement in professional and consulting activities," Faculty Senate President Allen Dunn told the Senate at its June 12 meeting.

"The faculty is proud that an individual of Jim's ability and accomplishment is one of our members," Dunn said.

Accounting Services sets year-end deadlines

Accounting Services has announced its year-end deadlines and, at the same time, asked for help from departments in monitoring payments and resolving payment problems quickly through July 25.

All accounting transactions to be posted in the 1989-90 fiscal year must meet the following deadlines.

June 29

3:30 pm - All funds must be received in the Bursar's Office.

4:30 pm - Goods or services must be received. Related invoices should indicate such activity.

July 10 /4:30 pm - Direct vouchers, travel vouchers, purchase orders, IDOs, and receiving reports dated June 30 must be received by Accounting Services.

July 16 - Preliminary accounting reports will be printed and sent to departments (will not include the June 29 accrual for paybase-T employees and indirect costs for June).

July 19 /4:30 pm - Payroll corrections must be received in Payroll.

July 23 /4:30 pm - Budget Status corrections must be received in Accounting Services.

July 25 - Indirect cost posted for June.

August 2 - Final June AIS reports printed and sent to departments.

ATHERINE L FRACASSO-LEE
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Free cholesterol screening

The College of Nursing is looking for volunteers to participate in a cholesterol and stress study.

The entire process takes only 20 minutes, and includes an interview, questionnaire and free cholesterol test (fingerstick method) showing total cholesterol and HDL.

Call the Nursing Center at 656-3076 to make an appointment.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor, *Clemson Weekly*Debra Andrews (beginning July 9)

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, June 27, for July 11 Issue.

Clemson

WEEKLY

Vol. 30, No. 1

Wednesday, July 25, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

University names First Union professor

Following a yearlong, nationwide search, Wayne Marr has been chosen as the University's First Union Professor of Banking.

First Union National Bank of South Carolina has committed \$100,000 to help fund the first named professorship in Clemson's finance department, a division of the College of Commerce and Industry.

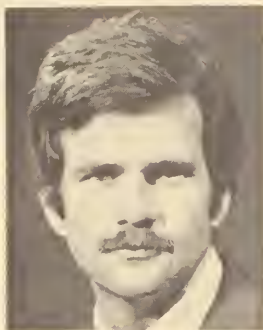
This money combined with University funds has made it possible for Clemson to attract a nationally recognized teacher-researcher to bolster an already growing department of finance.

"Wayne Marr is exactly what we were looking for," said finance department head Rod Mabry. "He's a rising star in the field, and with his experi-

ence and leadership abilities he'll fit in well on the research side as well as the teaching side."

Marr comes to Clemson from the A.B. Freeman School of Business at Tulane University, where he had served as an associate

professor of finance since 1986. Marr also served as senior economist with the U.S. Securities and Exchange Commission.



Marr

An M.B.A. in the U.S.S.R.?

Clemson is the lead institution in a consortium of U.S. universities that will offer the first MBA degrees in the Soviet Union.

Soviet Education Minister Feliks I. Peregudov visited Clemson July 15 to sign an agreement to allow the Consortium of Universities for International Business Studies to offer a Master of Business Administration degree in Moscow.

The agreement was signed by Peregudov, College of Commerce and Industry Dean Ryan Amacher and consortium executive director Al Ringleb, a professor of economics at Clemson.

Amacher said no state funds will be used for the program.

Clemson heads the consortium, which includes the University of Georgia, the University of Arkansas, Florida State and Mississippi State. It is expected to add up to 20 others.



Outgoing Commissioners

Members of the Commission on Classified Staff Affairs who completed their terms in June received plaques of appreciation from President Max Lennon. Shown here with Lennon are (from left) Dianne Loliis (Anderson County Extension), Mary Harvey (4-H and Youth Development), Judi Nicks (Administrative Programming Services; 1989-90 Commission Chair), Dixie Schmittou (Graduate School) and Martha Pace (Personnel Administration). Linda Cartee (Athletics Administration) and Pete Pepinsky (Agricultural Communications) also completed terms.

The next commission meeting will be Aug. 7 at 10 a.m. in Lehotsky Hall auditorium and will feature head football coach Ken Hatfield.

Beneficial Reminders

Here are some important reminders from the Payroll and Employee Benefits Office. For more information on any of these matters, call (656-2000) or stop by that office (224 University Square).

Mammography testing

State health plans A and B allow all female employees at least 35 years old to have FREE mammography testing at participating facilities. Spouses of male employees may have mammograms performed at participating facilities for a prenegotiated fee. For mammography guidelines and a listing of participating facilities, check page 31 of the Group

continued

University Newsletter gets new editor

Clemson Weekly, the University's newsletter for the faculty and staff, got a new editor this month.

Debra Andrews took charge of *Clemson Weekly* July 9 as the University's new internal news editor.

She succeeds Mark Ford, who resigned in May to take a job in Tennessee.

Andrews comes from Illinois, where she was responsible for public education and information activities for the American Cancer Society.

She is a graduate of Toccoa Falls College in Georgia and worked for the American Diabetes Association before joining the cancer society.

Clemson Weekly is prepared and distributed by the constituent communications unit of the department of communications and external relations, in cooperation with the printing services, post office and personnel services departments.

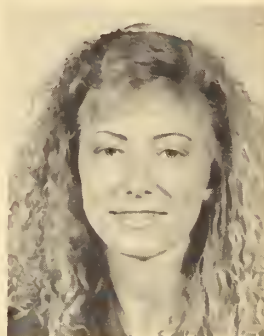
"We're excited to have Debra on board," said Margaret Pridgen, assistant vice president for constituent communications.

"Her first assignment is to help us evaluate how we can do a better job of meeting the communication needs of the faculty, staff and administration, with particular emphasis on *Clemson Weekly*."

"We're open to suggestions for improvements from all our readers. We'd like for anyone with an idea or suggestion for the *Weekly* to send it to us at the Alumni Center," said Pridgen.

The *Weekly* is following a reduced schedule during the summer. *Weekly* publication resumes Aug. 22.

Persons with news and information items for the *Weekly* should send them to Andrews at the Alumni Center or call her at 656-3860.



Andrews

Benefits, continued

Health Benefits Booklet or speak with the Payroll and Employee Benefits Office.

Dental Insurance claims

Effective July 1, all claims for state dental insurance coverage must be sent to the program's new administrator: R.E. Harrington, P. O. Box 182173, Columbus, Ohio 43218-2173. A new toll-free number is also available: 1-800-848-2025.

It is o.k. to use old forms, but they must be mailed to the new address. New forms and new dental plan cards are due this month.

Dependent ineligibility

When one of your dependents becomes ineligible for coverage under your state health plan, it's your responsibility to notify the Payroll and Employee Benefits Office within 31 days of the change.

If you don't, you will end up paying for coverage that no longer exists. There is no provision for refunds.

Blue Cross/Blue Shield claims

Don't put off filing your hospital, doctor and prescription bills with Blue Cross/Blue Shield. By filing them immediately you reduce the possibility of your claim being delayed because of Blue Cross/Blue Shield's heavy workload — and that could be very important to you should you have a large, unexpected claim to process.

Claim forms are available from the Payroll and Employee Benefits Office.

Six Flags, Carowinds Tickets

Tickets for Six Flags and Carowinds amusement parks are available at the University Union — most at reduced prices. One-day tickets for Six Flags are \$14.50 each for people 11 years old and up and \$10 each for younger children. (Children under 3 years old get in free.) One day tickets for Carowinds are \$15 each for people 7 years old and up and \$9.25 each for younger children and folks over 60. (Children under 4 years old get in free.) For information, stop by the Union Information Desk or call 656-2461.

Housing Institute accepting research proposals

The University's Housing Institute is accepting proposals for research in the area of residential housing.

The Institute's aim is to foster interdisciplinary research and to encourage cooperation among all facets of the housing industry to improve the quality and availability of housing in South Carolina.

Each proposal should include a sample budget of \$2,000 to be spent before June 30, 1991; however, the amount of funds granted for each successful proposal will depend on the number and quality of those selected.

The proposal deadline is Sept. 1. For information, contact R. A. Spray in 219 McAdams Hall (656-0114).

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, July 27, for Aug. 8 issue.



Clemson

WEEKLY

Vol. 30, No. 2

Wednesday, August 8, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

New parking decals must be in place by Aug. 15

It's that time again—time to get your new decals and hangtags from Parking Services. The cost this year is \$18.

"We originally thought the cost was going to be \$24," said Bill Pace, director of Parking and Vehicle Registration. "We hope to hold the price at its present level and don't expect any additional increases in the near future."

An employee may register and get decals for more than one vehicle, but only one hangtag will be issued per

employee. The cost for each additional vehicle is \$5.

The decals and hangtags will be issued with new maps and shuttle schedules and must be in place by Aug. 15.

Registration forms have been mailed to employees. If you have not purchased your decal, you may do so at the Parking and Vehicle Registration Office at 228 University Square (656-2270). Office hours are 7:30 a.m. to 4:30 p.m.

Contract rebid increases towing charges

The towing charge for illegally parked vehicles on campus has increased to \$50.

The University's contract with Valley Services Towing for 1990-91 also includes a \$5 impoundment fee for the first three days and a \$5-per-day fee for each day thereafter. The average overall towing fee last year was \$45. It will average \$65 for 1990-91.

The towing and impoundment charges are in addition to the initial violation fine.

The University contracts for towing services on a year-to-year basis. The contract was rebid for 1990-91 because proposed increases to the existing agreement were too high to

permit its renewal and because the University wanted to explore the possibility of having vehicles impounded off campus, said Bill Pace, director of parking and vehicle registration.

For various safety reasons, however, the University will continue to impound vehicles on campus, Pace said.

More than 1,100 vehicles were towed last year—most because they were improperly parked during home football game weekends.

New towing charges and violations will be listed in the 1990-91 parking and traffic regulations on the flip side of the new parking maps.

Editor, philanthropist to receive honors at graduation

A distinguished journalist and an international philanthropist will be honored during the University's summer graduation Aug. 11.

Honorary degrees will be awarded to Parade editor Walter Anderson and conservationist John Archbold during the 11 a.m. ceremony in Littlejohn Coliseum.

The President's Award will be presented to James G. Bannon Jr., a member of the Clemson University Foundation's Board of Directors, and Jennings G. McAbee, state representative from McCormick.

More than 650 graduates are scheduled to receive degrees, following an address by Anderson.

Anderson is editor of the popular Sunday newspaper magazine and a senior vice president of Parade Publications Inc.

A high school dropout, Anderson today is a director of the National Dropout Prevention Fund.

A summa cum laude graduate of Mercy College, Anderson majored in psychology.

John D. Archbold has had a distinguished career as an engineer, inventor, philanthropist and conservationist. An avid sailor, adventurer and world traveler, he developed a strong interest in the preservation of tropical ecosystems and tropical cultures.

In May 1989, Archbold donated his Springfield Plantation on the Caribbean island of Dominica to the University, forming the basis for the newly created Archbold Tropical Research Center.

Now a resident of Upperville, Va., Archbold owns and operates a large Holstein dairy farm.

Congratulations!

Rick Brink is the University Libraries' Classified Staff Employee of the Year. He's responsible for installing and maintaining the library's electronic equipment and, say his colleagues, has become the Libraries' "resident expert on the Macintosh and its uses."



University combines planning and assessment support units

Administrative units providing services basic to the University's strategic planning and self-study efforts were combined, effective July 1, to form the Office of Planning and Assessment.

Associate Vice President Richard Gray heads the new office, which reports to both Provost David Maxwell and Vice President for Business and Finance David Larson.

The reporting structure reflects that University planning and self-study are faculty driven and that assessment is a key element in those processes, says Gray, who previously was associate vice president for budgets and information management.

"By pulling together functions that

are similar in that they meet basic support needs for planning and assessment activities, we've developed a more effective and efficient framework for assisting the faculty with those activities," Gray says.

"As an example of increased



Gray

efficiency," Maxwell says, "this office will be a repository for all major reports submitted to external agencies. The office will not prepare all such reports, but will house them all so that they will be more conveniently available to the faculty and others who need them."

Units within the Office of Planning and Assessment include management services, institutional research, planning, business information systems, assessment, and telecommunications.

Gray has been with the University since March 1989. He has a bachelor's degree from Arizona State University, a master's from the University of Alabama at Huntsville and a doctorate from Oklahoma State University.

Institutional compliance director begins appointment

A University attorney who assisted with the recent National Collegiate Athletic Association investigation into football recruiting practices has been named director of institutional compliance here.

Paul Aaron, who was University counsel for agriculture and natural resources, has begun the new position created as a result of the investigation.

The appointment was effective July 10.

"We started with a shopping list of qualities we thought the director of compliance needed, including understanding of higher education in general, knowledge of NCAA and Atlantic Coast Conference rules, good communications skills, a legal background, and, most important, a high degree of integrity. We were delighted to find them all in one person," said Bobby Robinson, director of athletics.

As director of compliance, Aaron has day-to-day responsibility for aspects of the athletic program regulated by NCAA rules, including certification of athlete eligibility,

administration of financial aid to student-athletes, and recruitment.

He also coordinates educational and monitoring programs aimed at preventing rule violations, and he will conduct inquiries when the University suspects rules violations and will report them to the ACC and NCAA when appropriate.

Other duties include reviewing contracts and serving as liaison with the ACC and NCAA for legislation and interpretations.

"This position will play a key role in our athletic operation, because we are determined that no violations occur in the future," said President Max Lennon. "The fact that the position is a dual appointment of the athletic director and president is an indication of how seriously we take the concept of compliance."

"Both the athletic director and I wanted to ensure that the director would have authority to investigate incidents inside and outside the athletic department."

Aaron graduated from Clemson in 1976 and worked for four years with Guilford Mills Inc. before entering the

University of South Carolina School of Law. Before joining Clemson in 1987, he served as assistant solicitor for the 7th and 13th judicial circuits.



Aaron

Steam plant to shut down

In order to repair numerous faulty valves in the steam plant, the plant will close operations at 10 p.m. on Friday, Aug. 17, and will be back in operation by 2 p.m. on Saturday, the 18th. Please take any action necessary to protect research or other work which may be affected by this action. For more information, contact Harry Kirby at 656-4942.

1990 Provost Research Award Recipients

Richard Warner

Earth Science

"Modeling Deep-Seated Magnetic Anomalies"

Ronnie E. Owens

Electrical and Computer Engineering

"A Proposal for the Purchase of Supplies Needed in the Fabrication of Gallium Arsenide-Based Transistors"

John M. Coggeshall

Sociology

"Folklife and Traditional Culture of the S.C. Piedmont"

Raymond Sawyer

Performing Arts

"Clarence Jordan and the Koinonia Experiment: A One-Character Play"

Jerry A. Waldvogel

Biology Program

"Improving Student Study Skills and Interest in the Biological Sciences Through the Development of Flexible, Interactive Learning Systems"

Simon W. Scott

Plant Pathology and Physiology

"Adaptation of the Polymerase Chain Reaction to Facilitate the Detection of Viruses in Fruit Trees"

John R. Ray

Physics and Astronomy

"Quantum Phase Transformations"

Barbara R. Reilly

Psychology

"Judgment and Decision Making: An Investigation into the Presence and Benefits of Self-Insight"

S.U. Wallace,

Agronomy and Soils

T. Whitwell,

Horticulture;

J.H. Palmer,

Agronomy and Soils

"Photomorphogenic Responses of Soybean and Pigweed in a New Interseeding Crop Production"

Sixto E. Torres

Languages

"The Stage and Stagecraft of Spanish Avant-Garde Post-Franco Playwrights"

A.P. Wheeler

Biological Science

"Super-Absorbent Polypeptides"

John C. Spitzer

Animal Science

"Effects of Lipid Supplementation on Blood Concentration of Cholesterol and Progesterone as Related to Reproduction in Nursed Beef Cows"

John W. Kelly

Horticulture

"Regulation of Vegetable Transplant Growth and Greenhouse Temperature Through Spectral Filters"

Thomas C. Jenkins

Animal Science

"Degradation and Hydrogenation of linoleoyl Methionine by Intestinal Bacteria"

Beth Daniell

English

"Literacy and Spirituality: A Study of Women's Reading and Writing"

Edward C. Murdock

Agronomy and Soils

"Utilizing Corn Seed Placement to Control Leaf Orientation and Subsequent Effects on Light Interception, Photosynthetic Efficiency and Crop Competitiveness"

Ralph A. Dean

Plant Pathology and Physiology

"A Novel Strategy to Prevent Mycotoxin Contamination of Food"

Matthew H. Rice

Architecture

"Architecture and Construction Technology: Gaining an Understanding of European Materials and Methods of Construction"

Gerald P. Dwyer, Jr.

Economics

"Bank Runs and Restrictions of Payments"

Thomas W. Dimond

Visual Arts and History

"Developing a Broader Awareness of Personal Art Forms Through Participation in an Artists Residency Program"

Carl R. Lovitt

English

"The Subjectivity of Narrative: A Proposal to Study How Authors Impose Meanings on Narratives"

Henry Lewis Suggs

History

"Law, Gender and Race in the South, 1920-1940"

Halina T. Skorupska

Agronomy and Soils/Biological Science

"Chromosome Isolation Through Electrophoretic Karyotyping in Soybean"

John N. Beard

Chemical Engineering

"Feasibility of Using Artificial Neural Computing Nets for Modeling Textile Tenter Frame Dryers"

Muzaffer Uysal

Parks, Recreation and Tourism Management

"A Spatial Analysis of Tourism Resources in South Carolina"

GED program available

Literacy and GED programs are offered to University employees through the Adult Literacy program and PALS (Principles of Alphabet Literacy).

The program provides three levels of courses linked to reading ability.

For more information, contact Melissa Marcus, Personnel Services, at 106 University Square (656-2727).

Dates to remember:

Wednesday, Aug. 8

—Final Exams.
—Safety Training, "Personal Job Safety and Accident Prevention." 10:30 a.m. (Aug. 16 training 2 p.m.), Student Senate Chambers., FREE.

(Risk Management and Safety, 656-2441)

Saturday, Aug. 11

—Graduation. 11 a.m., Littlejohn Coliseum.

Tuesday, Aug. 14

—Safety Training, "Pesticide Safety." 10:30 a.m., Student Senate Chambers, FREE. (Risk Management and Safety, 656-2441)

Tuesday, Aug. 21

—Registration for fall semester.
—Welcome Back Festival. 5 p.m., downtown Clemson. (Alumni Relations, 656-2345)

Wednesday, Aug. 22

—General Faculty Meeting. 10 a.m. (formerly 1 p.m.), Tillman Hall Auditorium. Guest speaker: Dr. George Keller. Please make every effort to attend.

Thursday, Aug. 23

—Classes begin.
—Clemson Chapter, South Carolina State Employee Association quarterly meeting. Guest speaker: Senator Theo Mitchell, Democratic candidate for governor. Ramada Inn, Clemson. (Dixie Schmittou, 656-0313)

Friday, Aug. 31

--First Friday Concert. Outdoor theater, Band to be announced, FREE.

Recreation facilities open for break

During the Aug. 8 to Aug. 21 break period, University recreation facilities will be open during various hours.

New University I.D. cards will be required to enter facilities, and recreation fees must be paid.

Family members must bring their family card and will be admitted during all break hours.

The varsity track area will be closed for football practice Aug. 1 through Aug. 21 and will reopen Aug. 22 for fall hours. All recreation facilities will be closed for electrical repairs Aug. 11 and 12, and East Beach closed for the season Aug. 7.

Break schedule hours are listed below.

| BREAK SCHEDULE FOR RECREATION FACILITIES | | | | |
|--|-------------------------------|----------------|---------------|---------------------|
| Date | Fike recreation center | swimming pool | coliseum | indoortennis center |
| Aug. 9 | 8 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-6 p.m. | 8 a.m.-6 p.m. |
| Aug. 10 | 8 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-6 p.m. | 8 a.m.-6 p.m. |
| Aug. 11 | CLOSED | CLOSED | CLOSED | CLOSED |
| Aug. 12 | CLOSED | CLOSED | CLOSED | CLOSED |
| Aug. 13 | 8 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-6 p.m. | 8 a.m.-6 p.m. |
| Aug. 14 | 8 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-6 p.m. | 8 a.m.-6 p.m. |
| Aug. 15 | 8 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-6 p.m. | 8 a.m.-6 p.m. |
| Aug. 16 | 8 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-6 p.m. | 8 a.m.-6 p.m. |
| Aug. 17 | 8 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-6 p.m. | 8 a.m.-6 p.m. |
| Aug. 18 | 12 p.m.-6 p.m. | 12 p.m.-6 p.m. | CLOSED | 12 p.m.-6 p.m. |
| Aug. 19 | 1 p.m.-6 p.m. | 1 p.m.-6 p.m. | CLOSED | 1 p.m.-6 p.m. |
| Aug. 20 | 8 a.m.-6 p.m. | 11 a.m.-4 p.m. | CLOSED | 8 a.m.-6 p.m. |
| Aug. 21 | FALL SEMESTER SCHEDULE BEGINS | | | |

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Aug. 10, for Aug. 22 issue.

Bookstore expands its hours

The University Bookstore is expanding its hours. New hours are:

Mon.-Fri. 8:30 a.m.-5:30 p.m.
(Hours will be extended at the beginning of each semester.)

Sat. (August-May) 10 a.m.-4 p.m.

Sun. (August-May) 1:30 p.m.-5 p.m.

For more information, call the book- store at 656-2050.

Clemson

WEEKLY

Vol. 30, No. 3

Wednesday, August 22, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Campers make difference for Outdoor Lab staff

"Those who bring sunshine to the lives of others cannot keep it from themselves," James Barrie once said. The glow over the University's Outdoor Laboratory can be seen long after the sun sets, and part of the reason for it is the lab's dedicated staff.

The eight full-time staffers work with groups ranging from the hearing impaired, blind, or mentally disabled to senior citizens and hemophiliacs.

Relationships made at camp are what make it different from any other

place, and that's true for staff as well as campers, says Norman McGee, associate director of the Outdoor Lab.

"Many campers continue coming back year after year. During the summer, more people are wanting to attend the various camps than the facility is able to accommodate," he says.

McGee, who came to the lab nearly two years ago, has been involved with camps since he was seven. "I grew up in camping," he says, "but I didn't originally plan to work with one full time."

In fact, McGee's undergraduate work was in petroleum marketing, while his graduate work was in law. "I worked in law for five years and ran camps during the summer to get away from it," he says. "I realized that there were a lot of lawyers but not enough camp directors, so I went into camp work full time. Friends of mine who are lawyers were jealous."

But running a 250-acre camp is not easy. McGee and the other employees often put in 15-20 hours per day.

"There are so many things that are stressful," says

Clemson gets \$14.6 million in private gifts

The University and the Clemson University Foundation received in fiscal 1989-90 a record \$14.6 million in private gifts for academic programs, beating the previous year's all-time high by \$2 million.

Individuals—18,244 of them, including alumni, parents, faculty and staff members, and other friends of the University—chipped in \$6.3 million, for an average of \$343 each. The other \$8.3 million came from 870 businesses, foundations and other organizations. The average gift from all sources increased from \$587 in 1988-89 to \$762 in '89-90.

Donors gave \$6.6 million directly to the University and \$8 million to Clemson University Foundation, which raises, receives and invests private gifts for academic programs.

"Being in the middle of a capital campaign is one big reason for our success," said Associate Vice President for Development Jeff McNeill. "We have a lot of momentum going now, and people and organizations are joining in to help keep that going."

"Plus, some of our major donors paid off their campaign pledges during the year, which gave our numbers a boost. In fact, more than half of all the contributions received from individuals came from just 23 donors."

In July 1987, a campaign was launched to raise \$62 million by July 1992. The Campaign for Clemson has generated more than \$50 million in gifts and pledges thus far, McNeill said.

To raise the \$14.6 million in '89-90, the University spent \$1.8



What a whopper. . . . Prakash Bhuyan, a staff counselor, helps camper Ensley Adams unhook a fish at Camp Hope this summer.

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continued, p. 2

Private gifts, cont'd

million—or about 12.6 cents per dollar received. That's up about a penny from the previous year.

McNeill attributed the increased cost to the hiring of college-level development officers. His office is working with the University's nine colleges to decentralize fund-raising by assigning development staff members to specific colleges.

Of the 12.6 cents spent per dollar raised in '89-90, about 9.4 cents was public money, used primarily for salaries, and about 3.2 cents came from private sources, used primarily for operating expenses.

Private Gifts to Clemson University and the Clemson University Foundation in 1989-90

| | | |
|-----------------------|--------------------------------|-----------------------------|
| Alumni \$4,470,776 | Corporate Matches \$429,351 | Associations \$750,354 |
| Friends \$969,633 | Faculty & Staff \$138,811 | Corporations \$4,885,923 |
| Parents \$253,988 | Foundations \$2,502,835 | Trusts \$154,422 |

Grand Total \$14,556,093

Camp directors, cont'd

recreation coordinator Lorrie Jones. "The hours are long, and most of the time it is so physically, mentally and emotionally demanding that you're totally spent by the end of the eight-or 10-week session."

In spite of the stress, the work is rewarding.

"It's the best," adds Jones, a former Mississippian who has been with the lab since '88. "It's a great place to work. It's beautiful, you don't have to fight the parking situation on campus, and the people at this facility are so easy to work with."

Probably the biggest reason it's a great job is because of the campers.

"We get lots of letters and phone calls. The campers are great," Jones says.

Like most camps, there is always a need for addi-

tional staff help.

"University employees would certainly be welcome to come out here for a week to help out," says McGee. "We say at least a week because we want the campers to be able to develop relationships with the staff and that's hard to do if they see a new face each day." Volunteers are encouraged to help with canoeing, hiking, cabin crafts, sidewalk art, swimming and other activities that the camps provide.

"We would like to involve some of the different disciplines on campus in making the outdoor lab even better," McGee says. "We could use help in anything from landscaping to figuring out how to redo the picnic shelter."

"It's definitely a wonderful job," says Jones. I think I'll always work with camps like this in one way or another."

Parking reminder:

New parking maps and shuttle schedules are available at Parking Services, 228 University Square (656-2270).



Summer highlights

For those of you who have been away, here's a brief recap of University news and announcements during the summer.

May

- The C.K. Dunlap Presidential Scholarship Fund was established.
- The University surpassed \$50 million in its \$62-million capital campaign.
- The University was placed on probation for one year by the NCAA for rules violations within the football program from '85-89. The probation does not affect post season play or television appearances.
- Russell J. Diefendorf became the first holder of the P.W. and Bobbie McAlister Trustees Chair in Advanced Engineering Materials.

June

- The new Southern Bell Presentation Room at the Clemson House was dedicated.
- In-state tuition was increased by 4.5% for 1990-91.

July

- Paul Aaron, who assisted with Clemson's response to the NCAA, accepted the newly created job of director of institutional compliance.
- The Consortium of Universities for International Business Studies, headed by Clemson, signed an agreement to offer a Master's of Business Administration degree in Moscow.
- Wayne Marr became First Union Professor of Banking.

August

- During summer graduation, honorary degrees were presented to guest speaker Walter Anderson, editor of Parade magazine, and Virginia philanthropist John D. Archbold; the President's Award was presented to alumnus James G. Bannon Jr., and state Rep. Jennings G. McAbee.
- The price of parking decals increased to \$18.
- For classified staff the cost of living increase was set at 2.5%, effective Aug. 31. Merit increases will be given based on performance reviews (EPMS).
- Faculty will average a 4.5% increase effective Nov. 9 of this year with an additional 1.5% for salary adjustments.

1990-91 Faculty Promotions and Tenure

To Full Professor:

Agricultural Sciences

David E. Brune, Agricultural Engr
Dale L. Handlin, Animal Science
James C. McConnell, Animal Science
Simon W. Scott, Plant Path & Physiology
Thomas E. Schwedler, Aquaculture,
Fisheries & Wildlife
Diane G. Smathers, 4-H & Youth Dev
Joseph R. Tomasso, Jr., Aquaculture,
Fisheries & Wildlife
Susan U. Wallace, Agronomy & Soil

Architecture

Stephen D. Schuette, Building Science

Commerce & Industry

L. Steven Cash, Accountancy
Thomas L. Dickens, Accountancy
Mark A. McKnew, Management

Education

John C. Richardson, Elem & Sec Ed

Engineering

John E. Jackson, Mechanical Engr
Delbert L. Kimbler, Industrial Engr
Yuan F. Zheng, Elec & Comp Engr

Forest & Recreation Resources

Thomas M. Williams, Forest Resources

Liberal Arts

Edwin A. Freeman, Performing Arts
George R. Lucas, Jr., Philos & Religion
Sara M. Saz, Languages

Nursing

Elizabeth M. Baines, Nursing

Sciences

Carl B. Bishop, Chemistry
Clark D. Jeffries, Mathematical Sciences
William F. Moss, Mathematical Sciences
G. Thomas Tisue, Chemistry

To Associate Professor:

Agricultural Sciences

Dennis R. Decoteau, Horticulture
Gloria S. McCutcheon, Entomology
James W. Rushing, Horticulture
Thomas R. Scott, Poultry Science
Peter A. Skewes, Poultry Science

Jack M. Whetstone, Aquaculture,
Fisheries & Wildlife

Commerce & Industry

Scott W. Barnhart, Finance
Michael S. Ellison, Textiles
V. Sridharan, Management
Timothy P. Summers, Management
Margaree S. Crosby, Elem & Sec Ed
George F. Elrod, Elem & Sec Ed

Engineering

Nadim Aziz, Civil Engr & Engr Graphics
Bevlee A. Watford, Industrial Engr

Forest & Recreation Resources

Margaret K. McLellan, PRTM

Liberal Arts

John Bednar, Languages
Daniel J. Calvez, Languages
Martin J. Jacobi, English

Sciences

Warren Adams, Mathematical Sciences
Christopher Cox, Mathematical Sciences
Jean L. Dickey, Biology Program
David P. Jacobs, Comp Science
Joseph W. Kolis, Chemistry
R. Kenneth Marcus, Chemistry
Gregory H. Robinson, Chemistry

To Assistant Professor:

Agricultural Sciences

Joe E. Toler, Experimental Statistics

To Librarian:

Richard Meyer

To Assistant Librarian:

Kathleen A. Wood

Faculty Tenure:

Agricultural Sciences

Susan F. Barefoot, Food Sciences
William C. Bridges, Jr., Experimental
Statistics
David E. Brune, Agricultural Engr
Harold D. Hupp, Animal Science
Kandice H. Kahl, Ag Econ & Rural Soc
Ahmad Khalilian, Ag Engr
Gloria S. McCutcheon, Entomology
Robert S. Pomeroy, Ag Econ & Rural Soc

John G. Surak, Food Science
Joseph R. Tomasso, Jr., Aquaculture,
Fisheries & Wildlife
Ted Whitwell, Horticulture

Architecture

Norma J. Hurt, Architectural Studies

Commerce & Industry

Thomas L. Dickens, Accountancy
Gerald P. Dwyer, Jr., Economics
Frances L. Edwards, Economics
Michael S. Ellison, Textiles
Stephen J. Grove, Marketing

Education

David E. Barrett, Elem & Sec Ed
William R. Fisk, Elem & Sec Ed

Engineering

Nadim Aziz, Civil Engr & Engr Graphics
James Harrison, Jr., Elec & Comp Engr
Herbert D. Leigh, III, Ceramic Engr
Henry J. Rack, Mechanical Engr
Mark C. Thies, Chemical Engr
Ting Wang, Mechanical Engr

Forest & Recreation Resources

Muzafer Uysal, PRTM

Liberal Arts

Thomas R. Alley, Psychology
Patricia A. Conner-Greene, Psychology
Richard E. Goodstein, Performing Arts
Martin J. Jacobi, English
George R. Lucas, Jr., Philos & Religion
Brenda J. Vander Mey, Sociology

Sciences

Albert G. Abbott, Biological Sciences
Warren P. Adams, Mathematical
Sciences
Christopher L. Cox, Mathematical
Sciences
Jean L. Dickey, Biology Program
Arkady L. Kholodenko, Chemistry
Joseph W. Kolis, Chemistry
Michael M. Kostreva, Mathematical
Sciences
Peter R. Nelson, Mathematical Sciences
Gregory H. Robinson, Chemistry
Mark K. Smotherman, Comp Science
Guebre X. Tessema, Physics & Astron

Library

Marsha J. McCurley, Library

Dates to remember:

Wed., Aug. 22-Wed., Sept. 5

—Library Tours: An orientation to materials, facilities and services of Cooper Library including an introduction to LUIS, the on-line catalog. Tours last about an hour. For times and dates, contact Marian Cappiello, Cooper Library, 656-5179.

Thursday, Aug. 23

—Classes begin.
—Safety Training: Defensive driving classes. 1 p.m., University police dept. FREE (Risk Management and

Safety, Freddie Harbin, 656-3365)
—Clemson Chapter, South Carolina State Employee Association quarterly meeting. Guest speaker: Senator Theo Mitchell, Democratic candidate for governor. Ramada Inn, Clemson. (Dixie Schmittou, 656-0313)

Friday, Aug. 24

—Safety Training: Defensive driving classes. 1 p.m., University police dept. FREE (Risk Management and Safety, Freddie Harbin, 656-3365)
—President's Fall Honors Convoca-

tion: Stanley Yaki, Princeton University, "Man and the Universe." Lyles Auditorium, 8 p.m., FREE.

Mon., Aug. 27-Fri., Sept. 14

—Exhibit featuring the work of the visual arts faculty, Rudolph E. Lee Gallery, Lee Hall. FREE. A public reception honoring the exhibitors will be held in the gallery at 8 p.m. on the 27th.

Wednesday, Aug. 29

—Soccer: Emory. 7 p.m., Riggs Field. (Sports Information, 656-2101)

Thursday, Aug. 30

—Reception honoring Horace W. Fleming, Jr. 4 p.m., Strom Thurmond Institute. RSVP by Aug. 24. (Kathy Yates, 656-4700)

Friday, Aug. 31

—First Friday Parade.
—First Friday Concert. Outdoor Theater, band to be announced, FREE.

Saturday, Sept. 1

—Football: Long Beach State. (Youth Day) Memorial Stadium. (Sports Information, 656-2101)



Dr. J. Charles Jennett, Dean of the College of Engineering, presents Joseph Boykin, director of library services, with a copy of *Clemson University College of Engineering: One Hundred Years of Progress*. The book is available at the library or may be purchased for a \$25 donation to the College.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

EditorDebra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Aug. 24, for Sept. 5 issue.

American Express coverage reinstated

Through its Corporate Card Program, American Express has reinstated the physical damage insurance coverage for rental automobiles. The coverage, available for University corporate cardholders, is effective immediately.

Faculty and staff who use the corporate American Express card to rent automobiles while on University business should decline the Collision Damage Waiver (CDW) coverage offered by the rental car company. The University will not reimburse travelers for the cost of CDW coverage if it is included on the automobile rental statement.

For more information, contact Wanda Hill, Business and Finance, at 302 Sikes Hall (656-4354).

Clemson

WEEKLY

Vol. 30, No. 4

Wednesday, August 29, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Dining hall to add new features to food service

Harcombe Dining Hall will be offering a "Treat Yourself Right" line this fall.

Adding new tastes to the already extensive food alternatives, this line will offer nutritious entrees and vegetables. The calorie, carbohydrate, protein and fat values will be listed for each item.

"The line is not necessarily for dieters, but for anyone interested in good nutrition," says Jeff Hall, campus dining services director with ARA food services.

Other new attractions include gourmet burgers and a bread bar, which will offer homemade breads and butters.

Existing delicacies, such as items available on the ethnic line, Changing Scenes, will still be available.

With 500 employees,

ARA provides food service at five locations on campus plus two mobile food carts and a catering service.

The employees are kept busy. For example:

- The service provides approximately 95,000 meals per week, more than the number of meals an average person eats in a lifetime.

- Nearly half a million dishes are washed per week.

- Food service managers spend 300 hours in preparation for a football Saturday.

- In an average month, the catering service serves 309 gallons of coffee.

"There's a new challenge each day," says Hall. "It's definitely not a monotonous job."

The challenges will continue as plans to renovate Harcombe Dining

Hall proceed. "The whole cafeteria will be gutted and replaced with new serving lines, tables, chairs, carpet and elevated dining sections," Hall says.

"Actual renovation, we hope, will begin by January of '92 or at least the summer of '92."

For information regarding any ARA service, contact Hall at Harcombe Dining Hall (656-2109).

Tiger Stripe Account makes buying easy

With so many changes and improvements in ARA services, employees may want to take advantage of the Tiger Stripe Account.

This University service allows an individual to pay a minimum \$50 deposit on his or her University ID card. The employee may then use the ID to purchase services at any ARA food location as well as the University's Bookstore, Union and laundry. The charges are simply deducted from the ID holder's account balance.

To open an account, just stop by the Bursar's office in Sikes Hall (656-5590).

Officers of the classified staff commission for 1990-91:

(From bottom to top)
Paula Henderson (parliamentarian),
Lynn Belding (interim chair, policy committee),
Kathey Ricketts (co-chair, welfare committee),
Ben Morton (chair, communications),
Ruth Taylor (chair),
Jana Mize (treasurer), and
Mary Jo McAnally (co-chair, welfare committee).
Staff Commission members are listed inside.

Have you gotten your new ID?



Faculty and staff ID's have been mailed to employees who had their pictures taken earlier in the spring.

If you don't have a new University ID card, stop by the ID office in Harcombe Dining Hall from 9 a.m. to 4 p.m. Monday through Friday to have your card made. The process will only take a few minutes.

If you have any questions, call ID Services at 656-0763.



Jennett named engineer of the year

J. Charles Jennett, dean of the College of Engineering, has been named Engineer of the Year by the S.C. Society of Professional Engineers.

During Jennett's nine years as dean, the college's endowment gifts have increased 20-fold, research expenditures have quadrupled and the college has become nationally recognized. U.S. News and World Report named it within the nation's top five up-and-coming engineering schools for innovative graduate programs.

The college grants nearly 70 percent of the state's bachelor, master's and doctoral degrees in engineering.

Fulbright Grants

Andreas Von Recum, head of the bioengineering department, and Francis J. Wolak, professor of agricultural engineering, have been awarded Fulbright Scholar Grants for overseas research during the 1990-91 academic year.

They will be among 1,000 Americans going abroad under the program.

Von Recum's grant is for research at the University of Tübingen in West Germany. Wolak will conduct research at the Agriculture and Food Development Authority in Teagasc, Ireland.

The Fulbright program is designed to increase mutual understanding between the people of the United States and other countries.

Wellness, nursing to host open house

The University's Wellness Program and Nursing Center will host an open house from 2 to 5 p.m. Thursday, Aug. 30.

Located on the first floor of the College of Nursing, they offer a wide range of health and wellness assistance. For more information call 656-3076.

Members of the Commission on Classified Staff for 1990-91:

Academic Affairs

Representatives

Pat Padgett
Ruth Taylor
Bruce Herczogh
Kathy Hunter
Stanlee Miller

Alternates

Claudia Martin
Frances Wald
Elizabeth (Lib) Mills
Linda Westbrook

Administration

Representatives

John W. McKenzie

Agricultural and Natural Resources

Representatives

Paula B. Henderson
M. Ann Duncan
Garry Lemmon
Mike McLeod
Mary Jo McAnally
Faye Rister
Lynn Belding
Ben Morton
Patsy Sowel

Alternates

Annette Carver
John A. (Tony) Caver
Lon B. Martin
Judy Pilgrim

Anolyn Watkins

Business and Finance

Representatives

Charlie Butts
Mildred King
John Bridges
Jana Mize
W. Ray Smith
Kathey Ricketts

Alternates

Dorothy Roberts,
Angela C. Stringer

Institutional Advancement

Representatives

Charlotte Holmes
Margaret (Margie) Spangenberg

Student Affairs

Representatives

Verna Howell
Bonnie Stevens
Phillip Howard
Alternates
Sandy Smith
Elisabeth Adams
Mary Joe Williams

Ex-officio members

Ron Herrin
Ray Thompson

State cracks down on false IDs

Fake IDs are now serious business.

State law now provides that any minor caught using a counterfeit driver's license (or any other form of identification) to purchase or consume alcoholic beverages can have his or her driver's license suspended for three months. Possession of an altered driver's license will bring the same penalty.

There are also penalties for those over age 21 who "loan" their IDs to a minor.

The University's police department is working with the student development staff to conduct an on-campus information blitz about the tightening laws.

For additional information, contact Thea McCrary (656-2222) or Joy Smith (656-0500).

Departmental notes

Agricultural Economics and Rural Sociology

David L. Barkley (Prof), Stephen Smith (Penn St Univ), and Roger Coupal (Univ of Idaho) published "High Tech Entrepreneurs in the Nonmetro West: Who is Starting What?" a Western Rural Development Center publication.

Barkley presented a paper, "Non-metro Manufacturing Employment: Prospects for 1990s," at the Southern Regional Science Association annual meeting in Washington, D. C., March 22-24.

J. W. Jordan (Prof) participated in the following meetings:

- The National Task Force on Financial Standards for Agriculture at Texas A&M Univ, College Station, Tex., March.

- The Regional Extension Farm Management and Marketing Committees special meeting, Chicago, Ill., April 24-25.

- "Executive Training Program for Managers of Commercial Farmers and Ranchers," in St. Louis, Mo., April 26-27.

At the MidSouth Academy of Economics and Finance in Jackson, Miss., on Feb. 8-10, the following occurred:

- S. Sureshwaran (Lect) and C.S. Thompson (Prof) presented "Financial Performance Measures and the Effects of Alternative Tobacco Policy Scenarios."

- Sureshwaran and Thompson presented "Urban Bias Hypothesis and the Paradox of Poverty Amidst Plenty."

- Sureshwaran, Thompson and T.A. Williams (Grad Res Asst) presented "Property Value Response to Variable Lake Levels and the Risk of Default on Mortgage Loans."

- Sureshwaran and Thompson discussed "The Dynamic Characteristics of Hog-Pork, Beef-Cattle and Corn Subsectors and the Competition Between Hog-Pork and Beef-Cattle Industries in the U.S."

- Sureshwaran chaired a session.

Chemical Engineering

At the international symposium "The Development of Carbon Fibers and Their Applications" held March 19-24 at Chungnam University in Taejon, Korea, the following occurred:

- Dan D. Edie (Prof) presented a paper, "Hollow and C-shape Pitch-Based Carbon Fibers," co-authored by C.C. Fain (Prof, Cer Engr).

- Edie chaired the session on "Isotropic Carbon Fibers."

Chemistry

K. Dill (Assoc Prof) presented a lecture, "NMR Studies of Glycoproteins

and Metal Ion-Carbohydrate Interactions," to the management and various divisions of the Miles Corporate R&D Headquarters in West Haven, Conn., March 8-9 and to the analytical staff of Syntex Research in Palo Alto, Calif., March 31.

Dill has been awarded a \$14,108 U.S. Army Summer Faculty and Engineering Fellowship.

Elementary & Secondary Education

William Leonard (Prof) published "Research on the Use of Computer-Based Technology in College Science Laboratory Courses" in the Journal of College Science Teaching, February 1990.

Leonard presented "The Role of Biology in an Integrated Science Program" to the annual convention of the San Diego Science Teachers Association in March.

Leonard presented the following to the annual convention of the National Science Teachers Association in Atlanta in April:

- "Aerodynamics" with Bill Weeks (Easley Jr. High School).
- "Physical Science Problem Solving Modules" with Ray Turner (Prof, Physics).
- "Basic Calculations in Science" with Harriett Palmer (Pendleton High School).
- "What Research Says about Science Laboratory Instruction at the College Level."

English

Richard J. Calhoun (Alumni Prof) read a paper, "William J. Grayson, Satirist," at the annual meeting of the Philological Association of the Carolinas at Myrtle Beach, March 9.

Calhoun delivered a paper, "Playing Tennis with the Net Up: Robert Frost Sonneteer," at the Conference on American Literature in San Diego, Calif., May 31.

Experimental Statistics

W.C. Bridges, Jr. (Assoc Prof) presented "Statistical Analyses of Molecular Marker Data—What Do They Mean?" at the Illinois Corn Breeders School in Champaign, Ill., Feb. 26-27, and published a chapter in the proceedings.

Forest Resources

L.R. Nelson (Asst Prof) published "Kudzu Eradication Guidelines," a Clemson University Cooperative Extension Circular, February 1990.

Management

Astrid Lipp (Lect) presented "A Knowledge-Based System for Disposition of Corporate Real Estate" at the annual conference of the American Real Estate

Society in Lake Tahoe, Nev., March 31, co-authored by Hugh O. Nourse, Robert P. Bostrom, and Hugh J. Watson, all of the Univ of Georgia.

Office of the Dean

Lewis M. Duncan (Assoc Dean) received the 1989 Alan Berman Research Publication Award by the Department of the Navy, Naval Research Laboratory for his paper, "Airglow Enhancements Associated with Plasma Cavities Formed During Ionospheric Heating Experiments," co-authored with P.A. Bernhardt and C.A. Tepley, and was honored with a certificate and medal in Washington, D.C., March 2.

Doris R. Helms presented the following:

- two Advanced Placement Biology workshops in Boston, Mass., and Atlanta, Ga.

- a paper, "Advanced Placement: Testing and Grading," at the National Science Teachers Association.

- an invited presentation, "Science in the Year 2000," in Roanoke, Va.

Helms is participating in a review of the National Science Foundation's ILI laboratory instrumentation program.

Bobby G. Wixson (Dean) and Brian E. Davies (Univ of Bradford, UK) co-edited Lead in Soil: Issues and Guidelines which was published in December 1989.

Performing Arts

Clifton Egan (Prof, Dept Hd) chaired the following programs at the Southeastern Theatre Conference in Nashville, Tenn., March 7-11:

- SETC New Play Project."
- Theatre/Academic Workload and Facilities."
- "The Charles M. Getchell Playwright."

Egan was a panelist for "Dr. Jekyll and Mr. Hyde: Are Teaching and Professional Development Ever Compatible?" Egan was reappointed as the chairman of the SETC New Play Project, a national playwrighting competition.

Physics and Astronomy

A. Laskar (Prof) is principal editor of "Diffusion in Materials," proceedings of the NATO-ASI.

Plant Pathology and Physiology

O.J. Dickerson (Prof, Dept Hd) with E.L. Sorenson, D.L. Stuteville, and E.K. Horber (all of Kansas St Univ) published "Registration of KS204 Alfalfa Germplasm with Resistance to Five Diseases, Three Insects, and the Stem Nematode," in Crop Science.

Dates to remember:

Thurs., Aug. 30

—Reception honoring Horace W. Fleming Jr. 4 p.m., Strom Thurmond Institute. Fleming is leaving to assume the position of Executive Vice President at the University of the Pacific.

Fri., Aug. 31

—First Friday Concert, Outdoor Theater. Band TBA, FREE.

—First Friday Concert, 6 p.m.

Thurs., Aug. 30-Sat. Sept. 1

—Volleyball: Palmetto Classic at Columbia, SC. Time TBA. Includes Clemson, USC, Winthrop, Coastal Carolina and College of Charleston.

Sat., Sept. 1

—Football: Long Beach State. (Youth Day) 1 p.m., Memorial Stadium.

Sun., Sept. 2

—Soccer: UNC-Greensboro. 2 p.m., Riggs Field.

Mon., Sept. 3-Sat., Jan. 5

—"Campus Buildings and Their Names." Cooper Library lobby, library hours, FREE.

Tues., Sept. 4

—Volleyball: Georgia State. 7 p.m., Jervey Gym.

--President's Reception honoring faculty and spouses. 4 p.m., President's Home.

Wed., Sept. 5

—Soccer: Baptist College. 7 p.m., Riggs Field.

—Safety Training: "Supervisory Responsibility in the Health and Safety Program." 9:30 a.m., Student Senate Chambers, FREE. (Risk Management and Safety, 656-2441)

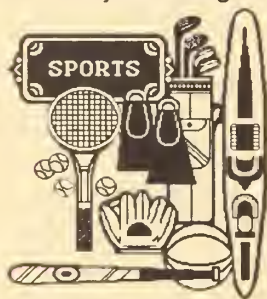
Sat., Sept. 8

—Children's Theatre: "The Little Mermaid." Y Theatre, 1 p.m., FREE.

New policies announced for rec facilities

This fall will see a few changes in recreation facility policies.

- Anyone using recreation



facilities must now have a validated University I.D. card.

- If you need to leave Fike Recreation Center without your I.D. card (to

go jogging, for example), you must

present a Fike wrist band to re-enter the facility. Wrist bands will be available at the equipment issue window.

- Aerobic classes will no longer be available at 6 p.m.

Aerobics will begin Sept. 3. Impact classes will run Monday through Thurs. at noon, 4 p.m. and 5 p.m. and Friday at noon. Non-impact classes will run Monday through Thursday at 4 p.m. and 5 p.m.

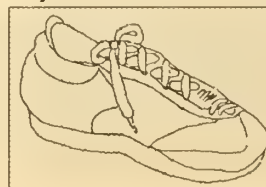
For more information about the rec facilities, contact Andy Jones at Fike Recreation Center (656-2116).

Recreation facilities fall schedule

| | Fike | Pool | Coliseum | Outdoor Track |
|-----------|-------------------|----------------------------------|---------------|---------------|
| Mon-Thurs | 7:30 a.m.-10 p.m. | 11 a.m.-4 p.m. 8 p.m.-10 p.m. | 8 a.m.-2 p.m. | TBA |
| Fri | 7:30 a.m.-9 p.m. | 11 a.m.-4 p.m. | 8 a.m.-2 | TBA |
| Sat | 12 p.m.-6 p.m. | 12 p.m.-6 p.m. | Closed | TBA |
| Sun | 1 p.m.-9 p.m. | 1 p.m.-6 p.m. | Closed | TBA |

Fun walk scheduled

Clean up your walking shoes and bring them along with a sack lunch to the Fun Walk sponsored by the Wellness Center and J.P.



Stevens.

The event is scheduled for Saturday, Sept. 15. Partici-

pants will begin at the resident parking lot just below the Horticultural Gardens on Perimeter Road and will walk to the J.P. Stevens plant and back.

The cost is \$6 per team of six.

Certificates will be given and there will be a drawing for prizes. Registration is 8 a.m. Walkers will take to the road at 9 a.m.

For information, see Ron Alexander at the Wellness Center (656-5479).

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor,Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Aug. 31 for Sept. 12 issue.



Clemson

WEEKLY

Vol. 30, No. 5

Wednesday, Sept. 5, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Noted expert in strategic planning challenges faculty and staff to think creatively

Faculty and staff must become innovators and creative thinkers if Clemson is to become a top ranked teaching and research institution, author and scholar George Keller told faculty and staff members at the semester's first meeting Aug. 22.

"We need to teach people to be imaginative in their thinking. We need to get individuals to stop working in isolation and recognize that life and living isn't done that way," said Keller, a senior fellow at the University of Pennsylvania and a consultant for Clemson's strategic planning process.

"The most effective learning and thinking takes place in collaborating and teaming up to solve difficult problems," he said.

Keller also challenged faculty members to think globally and to respond quickly to the social, economic and technological changes that are reshaping the world. For example, he said, the world of agriculture involves issues ranging from the greenhouse effect to clean water.

"We now realize that when we talk about agriculture, we're really talking about the entire earth," Keller said.

Keller, who began consulting on Clemson's strategic planning process in March of 1989, praised the University for beginning to move away from the normal structure of people waiting

for the chief executive to tell them what to do.

"It's outmoded. The great universities of the future will be the ones that have peeled away the layers of bureaucracy and have empowered each dean, department head, faculty and staff member to be innovative and take risks," Keller said.

The strategic planning process took a step forward over the summer when Vice Presidents Jay Gogue and David Maxwell appointed team leaders to begin implementing the committee's recommendations in the four focus areas: Jerry Reel, Undergraduate Education; Charles Watt, Advanced Materials; Alan Elzerman, Environment; and D.C. Coston, Biotechnology. Charles Barron is leading the General Education Committee as a subcommittee of Undergraduate Education.

Also during the faculty meeting, Mark Wright, campus master planner, reported on plans for the physical growth of Clemson in the next several years. The plans call for more than \$100 million in capital improvements, including the Academic Learning Center and the Garrison Livestock Arena, both presently under construction.

Additional improvements will include the Performing Arts Center,

which is to begin construction in early 1991, and the modernization of Brackett Hall, already under way.

CU Foundation investments earn 14.43 percent in 1989-90

Investments by the Clemson University Foundation posted a combined 14.43-percent return in fiscal 1989-90, boosting the University's total endowment to \$50.5 million, according to a report presented to the Foundation's board of directors.

Clemson's academic endowment ended the year with \$37.8 million in assets held by the Foundation, \$8.4 million held by the state treasurer, and \$4.3 million held by the University. That's an increase of \$5.5 million over 1988-89.

Currently 6 percent of the Foundation's annual income is used for scholarships, fellowships, professorships and other programs for students and faculty. The remaining income is added to the foundation's investment pool.

President Lennon advocates 'cultural change'

President Max Lennon has appointed a Leadership Development Council to find ways to improve the University's operating structure by removing barriers that inhibit creative and innovative thinking.

"We must begin to ask 'How can we do this,' and must not tolerate the phrase, 'You can't do it that way,'"

Lennon said during his remarks at the general faculty meeting Aug. 22.

A program to change the present way of thinking, which sometimes causes bureaucratic roadblocks, could take up to five years to produce significant results. But the effort is beginning now, Lennon said.

The goal is to increase authority

and responsibility of the individual colleges and departments at the University.

"We're proud of our past," said Lennon, "but we're talking about our future. The best universities in the '90s will be those that have undergone a cultural change in the way they operate."

Computer plays matchmaker for resident students

Matching roommates for more than 7,000 students used to be an overwhelming job for the Housing Office staff. But not any more, thanks to a team at Administrative Processing Services (APS) formerly known as DAPS.

A computer program designed for the Housing Office by APS was used for the first time last spring to match roommates for new and continuing students.

Before spring break last year continuing students were given the opportunity to plug information into a computer terminal regarding their preferences for roommates.

New freshmen were mailed preference cards asking questions regarding lifestyle issues to help in finding a suitable roommate.

By the end of the spring semester, continuing students knew where and with whom they would be living during the fall semester. Freshmen were notified of their roommates and housing assignments by July.

"In the past, we made all assignments by hand. We used a card filing system to keep track of over 7,000 students and their housing and roommate preferences," said Cynthia Cooley, assistant director of residential life.

The system, which took nearly two

years to develop, has saved the housing department countless hours.

"The old system took an immense amount of time," said Linda Collins, the senior systems analyst with APS who led the team that created the new program. "I don't see how the Housing Office was able to do it without the database. They really did a tremendous job."

The three or four weeks that used to be spent pairing roommates by hand was spent this year making changes in roommates when problems arose before the semester began. "We've never been able to do that before," Cooley said. "This year we've had more time to deal directly with the students and their needs rather than dealing with paperwork."

Not only has the new program been time effective, the matches seem to have been successful.

"Opening day went great for us. My phone has been ringing less than it normally does as school begins," Cooley said. "I think we've been able to make a lot of people happy. We really credit the team at APS for the success. They were there for us when we needed them."

"We're in the business of serving the needs of the various departments on campus," said Collins. "We're just trying to give them what they want."

Visual arts faculty display their work

Works by the University's visual arts faculty will be on display through Sept. 14, during the 1990-91 exhibition season for the University's Rudolph E. Lee Gallery.

The faculty exhibition features sculpture by John Acorn, Jim Buonacorsi, Terry Jarrard-Dimond and Jim Stockham; paintings by Tom Dimond, Mark Hudson and Robert Hunter; prints by Sydney Cross; ceramics by Mike Vatalaro and photography by Sam Wang.

Gallery hours are 9 a.m. to 4:30 p.m. Monday through Friday, and 2 p.m. to 5 p.m. on Sunday. All exhibitions are open to the public at no charge.

Throughout the year the Rudolph E. Lee Gallery in Lee Hall (the College of Architecture) features nationally touring exhibitions as well as the work of Clemson faculty and students.

For more information call Deborah Brooks at 656-3081.

Engineering, science fellowships available

The National Consortium for Graduate Degrees for Minorities in Engineering and Science Inc. (GEM) invites applications for its 1991 fellowship programs for under-represented ethnic minority students in engineering and science.

At the time of application for either the M.S. engineering or the Ph.D. science program, applicants can be either junior or senior undergraduates or B.S. degree holders. The Ph.D. engineering applicants must be current M.S. students or already have master's degrees.

The deadline for submission of application materials is Dec. 1, 1990. The awards will be announced on Feb. 1, 1991. For more information, contact Bob Gilliland at Moorman House, 115 N. Palmetto Boulevard (656-0601).



Let it roll . . .

Roommates Deanna Tidwell (left) and Cari Gilfillin transport personal belongings to their dorm room in Manning Hall.

University receives safety award for fleet program

The University was awarded the Most Improved Agency safety award for fiscal year 1989-90 by the State Budget and Control Board for establishing an effective fleet safety program.

The Office of Risk Management and Safety implemented the South Carolina Fleet Safety Program in 1988.

The program includes accident review, defensive driving courses, and screening of all employee driver's licenses.

The award is presented annually by the Division of Motor Vehicle Management and the American Southern Insurance Company.

Philosopher to speak at honors program

Lecturer Stanley Jaki is the guest for this year's President's Fall Honors Convocation, to be held in Lyles Auditorium, Monday, Sept. 24.

Jaki, a world-renowned speaker on cosmology, will address the topic of "Man and the Universe." Jaki's lecturing schedule has included talks at Princeton, Stanford, Carnegie-Mellon and Yale as well as the universities of Munich, Strasbourg, Sydney and Paris.

A prolific author, Jaki has received five honorary degrees and the Lecomte Du Nouy Prize and Medal.

Jaki was born in Gyor, Hungary, and has served as a faculty member of Seton Hall University in South Orange, N.J. since 1975.

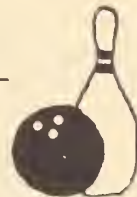
He will deliver an auxiliary lecture, "Christ and Science," at the Strom Thurmond Institute at 9:30 a.m. on Sept. 25.

For more information, contact the Honors Program in the Clemson House (656-4762).



Its all in the bag.

Susan Burton of the University Bookstore checks textbooks to be collected and bagged for incoming freshmen. Guided by the students' class schedules, Bookstore staff members packaged more than 2,000 sets of books in advance of fall-semester registration Aug. 21.



Fall bowling schedule announced

For those interested in bowling, here is the fall schedule for the University Union Games Area Lanes in the Johnstone Hall complex:

| | | |
|------------------|-----------------|--|
| Monday - Friday: | 9 a.m.-4:30p.m. | "Early Bird" 75 cents per game/.25 cents for shoes |
| Wednesday: | 5 p.m.-close | Rent-a-lane \$4 per hour (free shoes) |
| Thursday/Friday: | 5 p.m.-8 p.m. | Free shoes |
| Saturday/Sunday: | 1 p.m.-6 p.m. | "Early Bird" 75 cents per game/.25 cents for shoes |
| Sunday: | 6 p.m.-close | When the "Red Hot" pin comes up as a head pin with a strike, game is free. |

For more information, contact Margaret McAdams in the Union Games Area (656-5828).

Dates to remember:

Wednesday, Sept. 5

—Soccer: UNC-Greensboro. 2 p.m., Riggs Field. (Sports Information, 656-2101)

—Safety Training: "Supervisory Responsibility in the Health and Safety Program." 9:30 a.m., Student Senate Chambers, FREE. (Risk Management and Safety, 656-2441)

Thursday, Sept. 6

—Fun Run/Walk sponsored by the Wellness Program. A two-mile run/walk beginning at the Nursing Building. 11:50 a.m., FREE. (Ron Alexander, 656-5479)

Saturday, Sept. 8

—Children's Theatre: "The Little Mermaid." Y Theatre, 1 p.m., FREE.

Sunday, Sept. 9

—Soccer: North Carolina. Noon,

Riggs Field. (Sports Information, 656-2101)

Monday, Sept. 10

"Women in the 21st Century." WHEN meeting featuring Rebecca Stiegel. Noon, Ramada Inn, Clemson. (Women in Higher Education Network, 656-5787)

Tuesday, Sept. 11

—Volleyball: Western Carolina. 7 p.m., Jervy Gym. (Sports Information, 656-2101)

—Seminar: "Clemson University Foundations." Time TBA, Student Senate Chambers. (Dot Birchfield, 656-5662)

—Workshop: "Telephone Usage." 10 a.m., Student Senate Chambers. Register by dialing 0. Bring feature instruction guide.

Wednesday, Sept. 12

—Soccer: Catawba. 7 p.m., Riggs Field. (Sports Information, 656-2101)

—Safety Training: "'Hands-On' Fire Safety." 10:30 a.m., Clemson University Fire Dept., FREE. (Risk Management and Safety, 656-2441)

—New Employee Orientation. 8:30 a.m.-Noon, Student Senate Chambers. (Personnel Services, Melissa Marcus, 656-2727)

—Seminar: "Supervisory Management." 8:30 a.m.-11 a.m., Virginia Poole Room, Clemson House. (Personnel Services, Melissa Marcus, 656-2727)

Wednesday, Sept. 12-Thursday, Sept. 13

—Seminar: Polypropylene Technology." Ramada Inn, Clemson. (Professional Development, 656-2200)

—PC Days on Campus. 10 a.m.-4 p.m., Palmetto Ballroom. (The Micro Center, 656-3714)

Thursday, Sept. 13

—Black Faculty Staff Association meeting. 4:45 p.m., F149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Friday, Sept. 14

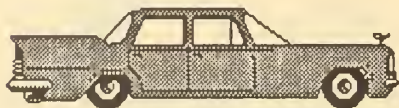
—Seminar: "The Role of Machine Vision in Apparel Automation." Co-sponsored by the Center for Advanced Manufacturing. 2:30 pm., Lowry Hall. (Mechanical Engineering, 656-3470)

Saturday, Sept. 15

—Cross Country Invitational. 9 a.m., Perimeter Road. (Sports Information, 656-2101)

Parking reminder:

If you're having trouble finding a parking space, you might try utilizing the areas around Littlejohn Coliseum and ride the shuttle bus to your destination.



\$ALE

More than 50 billiard cues and cases are for sale at reduced prices at the Union Games Area. The sale will continue through September. All sales are final and items will be sold "as is." For more information, contact Margaret McAdams in the Union Games Area (656-5828).

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

EditorDebra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Sept. 7 for Sept. 19 issue.

Faculty promotion addition

The 1990-91 Faculty Promotions listed in the Aug. 22 issue of the *Clemson Weekly*, should have included these new associate professors in elementary and secondary education: Margaree S. Crosby and George F. Elrod.

Clemson

WEEKLY

Vol. 30 No. 6

Wednesday, Sept. 12, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Teacher, writer named the Lucius Harvin Alumni Professor of English

CU has named English professor Mark Steadman the Lucius Harvin Alumni Professor of English.

Steadman has taught at Clemson since 1957, when he joined the faculty as an instructor of English. He has been professor of English and writer in residence since 1980.

Steadman is the author of several novels, including *Mcafee County*, *A Lion's Share*, *3x3* and *Angel Child*. He teaches fiction writing and American humor as well as English and American literature. He also serves as adviser to the *Chronicle*, a literary magazine published by Clemson students.

"I chose teaching as a profession because it seemed that, of all the things I might do with my life, teaching

was the most worthwhile," Steadman said. "After more than 30 years, I have to say that, even though it is sometimes frustrating and occasion-

The late Lucius Harvin, for whom the professorship is named, was president of the Class of 1934 for 51 years and led that class in its substan-

“ I think of myself as a teacher who writes rather than a writer who teaches, ”

Mark Steadman, Lucius Harvin Alumni Professor of English.

ally downright depressing, I was certainly right in the choice I made. Teaching is fun most of the time, and it is interesting all of the time."

tial financial and academic contributions to Clemson, according to Associate Vice President for Alumni Relations Deborah B. DuBose.

Museum gains gem of a display

The largest gift of gemstones the University has ever received is now on display at the Geology Museum in Brackett Hall.

More than 1,500 stones from around the world are in the collection of the late Paul H. Benson Jr. of Florence. He died in February, and this summer his family carried out his wishes by donating the collection to Clemson for public display. His son, Paul H. Benson III, vice president for exploration at Mobil Oil Canada, is a 1962 graduate of Clemson's geology program.

The varied collection includes aquamarine, topaz and amethyst, as well as unusual stones and minerals that are difficult to cut and usually not faceted. The exhibit also includes uncut stones of faceting quality to show what lapidary skills can do to create high-quality gemstones.

The collection can be seen at the museum in 127 Brackett Hall from 8

a.m. to 4:30 p.m. weekdays or by appointment.

For more information, call the earth sciences department (656-4481).

New 'Third Thursday' series begins with the Mideast crisis

A panel discussion on "The Gulf Crisis" will inaugurate a new series of public affairs programs called "Third Thursday at the Thurmond."

Strom Thurmond Institute director Bruce Yandle says the monthly programs will be timely and of general interest to the campus and the community.

The Mideast panel will be Thursday, Sept. 20, at 8 p.m. in the Thurmond Institute Auditorium.

Panelists will include Martin Slann,

What's going on here?

The *Clemson Weekly* is looking for news items of interest to include in each week's issue.

All University faculty and staff are encouraged to submit items within the deadline indicated for each upcoming issue. Photos are also welcomed. They may be sent to the *Clemson Weekly* at the Alumni Center or you may contact Debra Andrews by calling 656-3860.

We also welcome your comments and suggestions.

professor of political science; C.H. Whitehurst, Senior Fellow, STI; and Joseph Twainam, who holds the John West Chair in Mideast Studies at The Citadel.

Admission is free.

Clemson: Home sweet home



Here's a chance to make the world a friendlier place. The Clemson Area International Friendship (CAIF) is looking for individuals, couples and families to help welcome new international students to the community.

CAIF's International Friends Program sponsors visitation, not home stay. The program's purpose is to help international students adjust to the Clemson area by visiting with local residents to share a meal, an evening of conversation, or an outing.

Because of the increasing international student population at Clemson, the program needs many more participants to extend friendship to these students.

If you are interested in this program, contact Brian or Becky Powell (656-5116) or Ruth Canupp (882-8637). Information will be collected to help match individuals or families with students, and guidance will be provided before involvement in the program for those who feel they need assistance.

University mathematician heads national program

John Kenelly is directing a joint effort to show teachers in every school district in the nation how to get the most from the modern mathematical tool called the calculator.

Kenelly is the Alumni Professor of Mathematical Sciences and director of the Mathematical Association of America and the National Council of Teachers of Mathematics.

He and a committee of educators from 10 states will produce nine units of teaching materials to be distributed at the 1991-93 annual meetings of the National Council of Supervisors of Mathematics. The National Science Foundation and Texas Instruments are funding the \$1.7-million effort.

City planning director to discuss downtown beautification

Mary Poore, planning director for the city of Clemson, will be the guest Oct. 2 for the First Tuesday Briefing luncheon, sponsored by the Alumni Association and Constituent Communications.

The informal luncheon will begin at noon in the Alumni Center and will be followed by an address from Poore. She will discuss the Clemson beautification project: "What will be done and how long will it take?"

The briefing luncheons are

monthly events planned to provide University personnel with an opportunity for informal discussion with speakers on topics important to the University community.

A sandwich lunch is provided for \$5 per person, but you may bring your own lunch and participate in the discussion at no cost.

For lunch reservations or more information, contact Debby Cremer in the Alumni Center (656-5657).

CU environmental engineer takes international post

Thomas M. Keinath, head of the environmental systems engineering department, has been elected vice president of the International Association on Water Pollution Research and Control. As vice president, he will chair the group's scientific and technical committee.

Keinath has headed the environ-

mental systems engineering department since 1977. Its program ranks sixth in the nation, according to "The Gourman Report," a national ranking of graduate schools.

Keinath completed his bachelor's, master's, doctoral and post-doctoral studies at the University of Michigan.

Cooper Library to hold book fair

Clemson's libraries will hold a surplus book sale Sept. 21 and 22 (Parents Weekend) to boost their endowment.

The "book fair," sponsored with the Clemson University Foundation, will be under the walkway in front of Cooper Library from 9 a.m. to 6 p.m. each day.

Books, priced at \$1 each for hardcovers and 25 cents each for paperbacks, will be arranged in categories ranging from science fiction and foreign language to art, architecture and

agriculture. There'll also be a "collector's table" of rare and unusual books.

Income from the library endowment will be used to buy new books, pay for periodicals subscriptions and meet other library needs.

Approximately 4,000 books will be available for sale.

Friday will target faculty, staff and students.

Contact Steve Johnson for additional information (656-5175).



All-female quartet to perform



The Montclair String Quartet will perform in the Daniel Auditorium Tuesday, Sept. 18, at 8 p.m.

This all-female quartet was picked by Musical America as Young

Artists to Watch in 1989.

The performance is part of the Lillian and Robert Utsey Chamber Music Series. Admission is free.

Departmental notes

Agricultural Economics and Rural Sociology

J.W. Jordan (Prof) participated in the following meetings:

- The National Task Force on Financial Standards for Agriculture at Texas A&M University, College Station, TX, March.
- The Regional Extension Farm Management and Marketing Committees, Chicago, IL, April.
- A national advisory task force on the "Executive Training Program for Managers of Commercial Farmers and Ranchers", St. Louis, MO, April.

Building Science

Steve D. Schuette (Prof) was appointed to the National Board of Directors of the American Institute of Constructors and elected to the National Board of the Associated Schools of Construction at the annual meetings of the respective organizations in Charleston in April.

Chemistry

At the 199th National Meeting of the American Chemical Society held in Boston in April the following occurred:

- R. A. Abramovitch (Prof), K. Suseela (Research Assoc), M. Vedachalam (Research Assoc) and W.T. Pennington (Lect) presented a paper, "2-Azido-allylphosphonates: Synthesis of 4-Amino-2-hydroxy-1,2-oxaphosphol-3-ene 2-Oxides".
- K. Dill (Assoc Prof), S. Hu (Former Grad Stu), Li Huang (Grad Stu), E. Berman (Jerusalem Univ, Israel), A.A. Pavia (Univ of Avignon, France), and J.M. Lacombe (Avignon, France) presented "Structures of Glycoprotein Oligosaccharides via NMR Spectroscopy" as part of The Symposium on Functional Properties Of Polysaccharides: Determination and Application.

Dill (Assoc Prof) presented "NMR Studies of Glycoproteins and Metal Ion - Carbohydrate Interactions" to the molecular structure and NMR research scientists of the ICI Pharmaceuticals Group in Wilmington, DE, in April.

Computer Science

E.W. Page (Prof) presented a paper, "Feature Matching Using Neural Networks," co-authored by G.A. Tagliarini (Vstg Asst Prof) and Ying Xie (Grad Asst), at the Neural Networks: Opportunities and Applications in Manufacturing

Conference held in Detroit, MI, in April.

R.P. Pargas (Assoc Prof) was selected vice president of the Interim Executive Board of the Intel Users Group, at a meeting in Charleston in April.

At the Fifth Distributed Memory Computing Conference held in Charleston in April, the following occurred:

- D.A. Sykes (Grad Asst) presented a paper entitled "On Distributed Linked Lists".
- The paper "Analysis of Distributed Join Algorithms," co-authored by J.C. Peck (Prof) and R. P. Pargas (Assoc Prof), was presented by S.K. Dharmaraj (Grad Asst).
- The paper "Digital Halftoning by Parallel Simulation of Neural Networks," co-authored by R.M. Geist (Prof), R.P. Pargas (Assoc Prof) and P. Khambekar (Grad Asst), was presented by J. C. Peck (Prof).
- R. Toppur (Grad Asst) presented a paper "Performance of Mutual Exclusion Algorithms on Hypercubes", co-authored by J.M. Westall (Assoc Prof), and D.E. Stevenson (Assoc Prof).

English

Richard J. Calhoun (Alumni Prof) lectured on the following in Europe in April:

- Robert Frost, at the University of Sarajevo and the University of Ljubljana in Yugoslavia, Lund University in Sweden, the University of Athens and the American College in Athens.
- Contemporary American poetry, at Aarhus University and Odense University in Denmark, and at the University of Klagenfurt in Austria.
- "Southern Literary Renaissance: Forty Years After," at Lund University and at Thessaloniki University in Greece.

Calhoun conducted an informal seminar on American autobiography at the American Center in Athens, Greece.

Entomology

Paul M. Horton (Prof) represented the United States at the spring meeting of the Canadian Task Force of Provincial Pesticide Training Officers in Ottawa in April.

History

David Nicholas (Prof, Dpt Hd) reviewed Andre E. Guilleme's, "The Age of Water: The Urban Environment in the North of France, A.D. 300-1800," in American Historical Review.

Languages

At the ninth annual Conference on Languages and Communication for World Business and the Professions, held at Eastern Michigan University in April, the following occurred:

- Edwin P. Arnold, (Assoc Prof) presented a paper, "Internship Development in the Language and International Trade Program at Clemson University: The Vision and the Reality."
- John C. Bednar (Asst Prof) presented a paper, "Video Teaching of Business French".
- Jose I. Suarez (Assoc Prof, Dir L&IT) presented a paper, "Language/Business Studies: Critical Views and Suggestions".

Nursing

Becky Campbell (Asst Prof) presented the following papers:

- "Self-Determination, Self-Efficacy, and Self-Regulation of Weight," at the University of South Carolina College of Nursing in Columbia in April.
- "Successful Weight Management: A Phenomenological Study," during the Sigma Theta Tau Tri-Chapter Research Day in Clemson, April.

Sharon W. Thompson (Asst Prof) presented "Facilitating Emotional and Psychological Support of Children and Families in Illness, Injury and Hospitalization" at the Second Annual Family Health Nursing Conference Tampa, FL, in April.

Physics and Astronomy

H.W. Graben (Prof) gave a talk, "Statistical Mechanics in a Nutshell," to the physics department at University College Galway in April.

The following presented papers at the American Physical Society meeting:

- A. Laskar (Prof) and B. Finkelnagel (Grad Asst): "The Diffusion of Silver Ions in Mixed Silver Halides Sheet Crystals."
- A. Laskar (Prof) and M. Reynolds (Grad Asst): "Anomalous Heat Capacity of AgX and the Non-linear Temperature Dependence of the Formation Energy of Frenkel Defects."
- Y.V.G.S. Murti (Vstg Prof), G.A. Popson (Former Grad Asst), and A. Laskar (Prof): "Correlations of Schottky Defect Enthalpy and Melting Temperature."
- John R. Ray (Prof) published a paper, "Quantum Isoenthalpic-Isotension Method for Studying Solid Phase Transformations," in Physical Review, April, 1990.

Dates to remember:

Wednesday, Sept. 12-Thursdays, Sept. 13

—Seminar: "Polypropylene Technology." Ramada Inn, Clemson. (Professional Development, Kay Barnett, 656-2200)
—PC Days on Campus. 10 a.m.-4 p.m., Palmetto Ballroom. (The Micro Center, Kathy Hunter, 656-3714)

Thursday, Sept. 13

—Black Faculty/Staff Association meeting. 4:45 p.m., F149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Thursday, Sept. 13-Friday, Sept. 14

—Safety Training: Defensive driving classes. 1 p.m., University Police Department courtroom, FREE. (Risk Management and Safety, Freddie Harbin, 656-3365)

Friday, Sept. 14

—Seminar: "The Role of Machine Vision in Apparel Automation." Co-sponsored by the Center for Advanced Manufacturing. 2:30 p.m., Lowry Hall. (Mechanical Engineering, David Zumbunnen, 656-3470)

Saturday, Sept. 15

—Clemson Cross Country Invitational. 9 a.m., Perimeter Road. (Sports Information, 656-2101)

Tuesday, Sept. 18

—Safety Training: "Supervisory Responsibility in the Health and Safety Program." 1 p.m., Student Senate Chambers, FREE. (Risk Management and Safety, Nelson Hill, 656-2441)
—Montclair String Quartet. Part of the Utsey Series. 8 p.m., Daniel Auditorium, FREE.
—Sabbatical Lecture: "Senator Strom Thurmond in the 1950s and 1960s." Professor Roger Leemhuis. 3:30 p.m., 200 Hardin Hall.

Tuesday, Sept. 18-Thursday, Sept. 20

—Seminar: "Fundamentals of Textiles." Ramada Inn, Clemson. (Professional Development, Jud Hair, 656-3985 or Doug Bowen, 656-3978)

Wednesday, Sept. 19

—Soccer: Furman. 7 p.m., Riggs Field. (Sports Information, 656-2101)
—Cinema: "Before We Knew Nothing," and "Watunna." Films by Animator Stacey Steers. 8 p.m., Y-Theater, FREE.

Thursday, Sept. 20

—Workshop: "Fair Labor Standards Act." 9 a.m.-noon, Student Senate Chambers. (Personnel Services, Melissa Marcus, 656-2727)
—Lecture: "The Environment—Earth Day and Beyond." Senator Gaylord Nelson of the Wilderness Society. 2 p.m., Daniel Hall Auditorium, FREE. (Reception following in Lehotsky Hall)
—Strom Thurmond Institute hosts "Third Thursday at the Thurmond," with a panel discussion on "The Gulf Crisis." 8 p.m., Strom Thurmond Institute, FREE.

Friday, Sept. 21

—Lecture: "Harmony through Humor: Survival Skills For the Next Four Years." Noted sociologist Bertice Berry. 4 p.m. and 8 p.m., Tillman Hall, FREE.
—Seminar: "Melting in the Presence of Natural Convection and Thermodynamics of Phase-Change Energy Storage." 2:30 p.m., Lowry Hall. (Mechanical Engineering, David Zumbunnen, 656-3470)

Friday, Sept. 21-Saturday, Sept. 22

—Book Fair. Sponsored by Clemson University Foundation and Cooper Library. 9 a.m.-6 p.m., Walkway in front of Cooper Library. (Cooper Library, Betty Cook, 656-5179)

Friday, Sept. 21-Sunday, Sept. 23

—Parents Weekend. (Alumni Relations, 656-2345)

To submit items for the master calendar...

The *Clemson Weekly* keeps a master listing of all upcoming University events. This listing includes all academic and cultural events, both on and off campus, that involve University employees.

We encourage employees to submit items for the master calendar.

If you have a question about events going on you may contact Debra Andrews at the Alumni Center (656-3860).

You may also call the Clemson University Information Hotline (656-INFO), which lists weekly happenings at the University.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Sept. 14 for the Sept. 25 issue.

Clemson

WEEKLY

Vol. 30, No. 7

Wednesday, Sept. 19, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Near million-dollar grant to Extension Service will benefit entire University

A \$943,000 grant was made recently to the University's Cooperative Extension Service.

The majority of the funds, \$750,000, will buy production equipment for the Communications Center, which provides electronic and photographic services for the entire University.

"Although this money is granted to the Extension Service, it will benefit the whole campus," said Roger Koonce, director of the Communications Center. "Our production process

now is very time-consuming. This new equipment will make us much more efficient and will increase our quality and volume output significantly."

The remaining funds will buy 30 satellite downlinks to be placed in 30 county Extension offices throughout the state. This will be in addition to 23 sites where video feeds already exist.

"With these downlinks, we can send programs and training services to our statewide Extension staff, and they won't have to leave their county to get it. That will save dollars," Koonce said.

All 46 counties and all research and education centers, 4-H camps and Extension offices will be able to receive live interactive video.

The money, which was granted by the state, comes from the Petroleum Violation Escrow Fund that was generated several years ago when oil companies made windfall profits and were required to pay penalties. It is to be used to save energy dollars.

New uniforms will identify firefighters

The University Fire Department has changed its uniform to comply with OSHA requirements.

The new uniform is a cotton blend that, in a heated environment, is safer than the synthetic fabric of the old uniforms, said Fire Chief Jack Abraham.

The uniform shirt for firefighters is now navy blue. The old uniform shirt was light blue, which made it easy to confuse with University police officers' shirts.

The new uniforms improve job safety for firefighters and make members of the Fire Department easier to identify, said Abraham.



Firefighter and paramedic William Daniel models the new University Fire Department uniform.

Counseling Center offers help to students

Because the pressures of school, jobs and relationships are escalated for students, professional counseling might be helpful. The Counseling Center can provide that help.

As you work with students, be aware of behavior that might indicate the need for counseling:

1. Stated need for help.
2. Anxiety and depression.
3. Changes in mood or behavior.
4. Procrastination.
5. References to suicide.
6. Alcohol and drug problems.
7. Psychosomatic problems.
8. Performance problems.

A referral guide is available from the Counseling Center to assist faculty and staff in identifying and making referrals to the center. For more information, contact the Counseling Center in Alumni Park (656-2451).

Edison Electric honors Adly Girgis with 1990 Power Engineering Educator Award

A University professor of electrical and computer engineering has received a national award for excellence in teaching, research and public service.

The Edison Electric Institute named Adly A. Girgis recipient of its 1990 Power Engineering Educator

Award. Included are \$2,000 for the recipient and another \$5,000 for the electrical and computer engineering department, to be administered by the recipient.

Adly Girgis joined the faculty in 1985 and is director of the Clemson

University Electrical Power Research Association, also known as CUEPRA. Formerly, he taught at North Carolina State University, Iowa State University and Assiut University in Egypt.

Distinguished Professor named in engineering

Lansford C. Bell is the new S.E. Liles Jr. Distinguished Professor of Construction Engineering in the civil engineering department.

Bell is a fellow in the American Society of Civil Engineers and was named Construction Engineer of the Year in 1987 by the Alabama National

Society of Professional Engineers. He spent two academic quarters as a visiting professor at Stanford University.

Bell was attracted to Clemson by the University's growing and nationally recognized construction engineering program, he said.

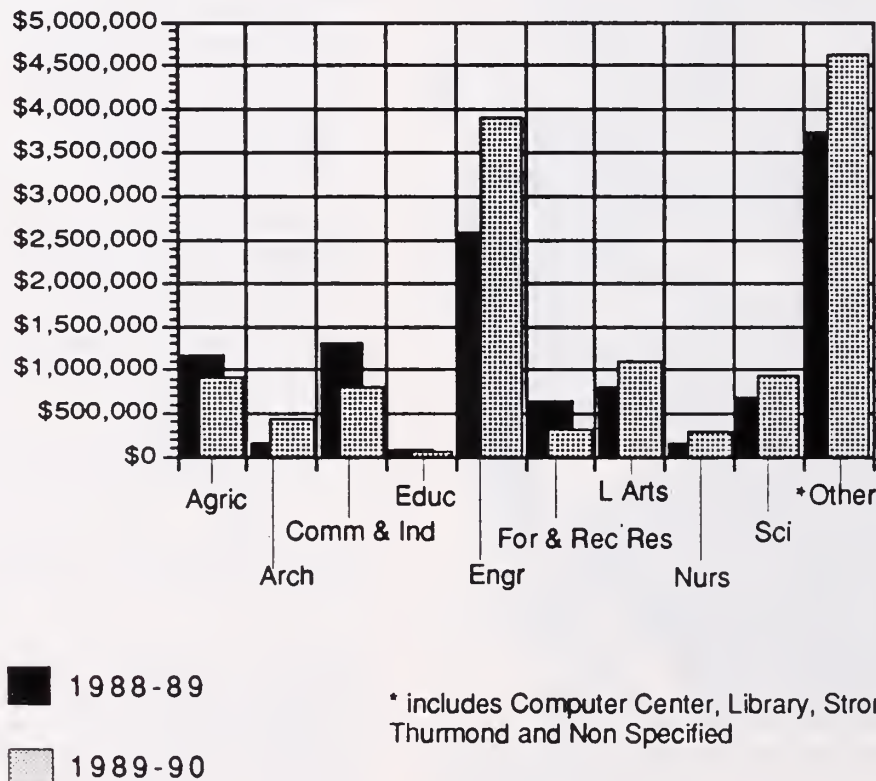
Management professor awarded Fulbright Grant

David Grigsby, a professor in the department of management, has been awarded a Fulbright grant to lecture and conduct research in strategic management at the Technical University of Lisbon, in Portugal.

Grigsby is one of approximately 1,500 United States grantees who will travel abroad for the 1990-91 academic year under the Fulbright Program.

1989-90 Fund Raising by College

Here is the breakdown of private funds raised by each college in 1989-90 compared with the breakdown in 1988-89:



(These figures do not include unrestricted gifts to the Clemson Loyalty Fund.)

Arboriculture group names forestry professor

Donald Ham, forestry professor, has been named 1990-91 president of the International Society of Arboriculture (ISA).

ISA develops educational materials for the public describing proper tree care and increases professional competency in the forestry industry.

Ham developed and teaches the only course in arboriculture taught at the University.

He will be on sabbatical from Clemson from January to June to work with ISA members in other national and international chapters.

Focus on environment scheduled for first week in October

Individuals throughout the University are marking their calendars for Environment Awareness Week, coming up Oct. 1-5.

The purpose of the week is to increase public awareness of environmental issues, foster discussion and debate on environmental problems and solutions, and encourage individuals to be more environment-conscious in their daily lives.

A number of workshops are being planned for the week by the Strom Thurmond Institute and a speech by Jay Hair, president of the National

Wildlife Federation, will be presented on Thursday evening.

On Friday, the 5th, The Institute for Wildlife and Environmental Toxicology (TIWET) building will be dedicated at 1 p.m. in Pendleton.

"These activities will give Clemson an opportunity to focus, in a very public way, on one of the four major elements of our Strategic Plan for 1990-91--the environment," said President Max Lennon.

A detailed schedule of events will be in next week's *Weekly*.

Walk against hunger planned

The Sixth Annual Pickens County Walk Against Hunger, or CROPwalk, is scheduled for Sunday, Sept. 23, at 1:30 p.m. in Clemson.

With solicited donations for each kilometer, volunteers will walk or run a 10-kilometer course through town and around the campus to raise funds for worldwide and local hunger relief efforts. The event will begin and end at St. Andrews Catholic Church at the corner of Edgewood Avenue and

Sloan Street.

The walk, sponsored by the Clemson Campus Ministers Association, the Christian Rural Overseas Program (CROP), and Church World Service, is open to everyone.

For information, call Enoch Hendry with the Clemson United Methodist Church (654-4547) or Tim Willis of the Baptist Campus Ministry (654-4101).

Attorneys to speak at Patent Seminar

Important questions about patents will be answered at the Patent Seminar sponsored by the Clemson University Patent Committee.

The seminar will be held from 2:30 p.m. to 4:30 p.m. on Thursday, Sept. 20, in Lee Hall Auditorium. W. Mackie Manning and James M. Bagarazzi,

patent attorneys with the firm of Dority & Manning of Greenville, will be the featured speakers.

Faculty, staff and graduate students are encouraged to attend.

For more information, contact Janet Dillon in the Moorman House (656-0601).

A fond adieu...

The University says farewell this month to these retiring employees:

- Verner Ray Vickery, 19 years, a trades craftsman with buildings maintenance.
- Selena Peppers, 44 years, a superintendent in Custodial Services.
- Lucille Culpepper, 31 years, an

administrative specialist with county agent work.

- William Witherspoon, 34 years, a county Extension director.

- Emma Lee Barber, 35 years, a custodial worker with Livestock and Poultry Health.

Cholesterol checks available

September is cholesterol month.

The Nursing Center is conducting fingerstick cholesterol checks for \$5 per person. The special will continue through November.

For more information, contact Saranne O'Neal at the Nursing Center (656-5529).

Benefits Fair to be held Oct. 30-31

If your department provides services beneficial to employees, you might be interested in setting up a display at the upcoming Employee Benefits Fair, Oct. 30 from 10 a.m. to 6 p.m. and Oct. 31 from 8 a.m. to 3 p.m. in Littlejohn Coliseum.

Last year more than 650 employees visited 30 exhibits. According to Personnel Services, more exhibits are planned for this year's fair.

For more information, call Ron Herrin at 656-2000 or Dick Simmons at 656-3358.



Parking reminder:

Employee parking spaces are available in the lot on east campus behind Alumni Park, at the corner of Cherry Road and Feeley Street.

This summer 177 spaces became available when the lot was converted from commuter to employee parking.

Employee parking is on a trial basis. The lot will remain employee parking if a large number of employees use it.

Dates to remember:

Friday, Sept. 21

—Lecture: "Harmony Through Humor: Survival Skills for the Next Four Years." Bertice Berry, noted sociologist and comedian. 4:30 p.m. (FREE) and 8 p.m. (\$1), Tillman Hall.
—Seminar: "Melting in the Presence of Natural Convection, and Thermodynamics of Phase-Change Energy Storage." 2:30 p.m., Lowry Hall. (Mechanical Engineering, David Zumbunnen, 656-3470)

Friday, Sept. 21-Saturday, Sept. 22

—Book Fair. 9 a.m.-6 p.m. Walkway in front of Cooper Library. (Cooper Library, Betty Cook, 656-5179)

'Father of Earth Day' to speak

Former Senator Gaylord Nelson, commonly known as the "father of Earth Day," will give the annual Hartzog Lecture on Thursday, Sept. 20, at 2 p.m., in Daniel Auditorium.

Nelson spent 18 years in the United States Senate, where he authored and co-sponsored the Wilderness Act and other landmark pieces of conservation legislation.

He is currently counselor to the Wilderness Society.

This is the 11th annual Hartzog lecture sponsored by the Parks, Recreation and Tourism Management department.

Friday, Sept. 21-Sunday, Sept. 23

—Parents Weekend. (Alumni Relations, 656-2345)

Saturday, Sept. 22

—Performing Artist Series: Phil Giordano Jazz Orchestra. Tillman Hall, 8 p.m.
—Football: Appalachian State. Memorial Stadium. IPTAY/Parents Day. (Sports Information, 656-2101)
—Volleyball: Augusta College. 10 a.m., Jervey Gym. (Sports Information, 656-2101)

Monday, Sept. 24

—Lecture: "Man and the Universe." President's Fall Honors Convocation featuring Dr. Stanley Jaki from Princeton. 8 p.m., Lyles Auditorium, FREE.
—Patent Seminar. Sponsored by the Clemson University Patent Committee. 2-4:30 p.m., Strom Thurmond Institute Auditorium. (Special Projects, Janet Dillon, 656-0601)

Monday, Sept. 24-Wednesday, Oct. 17

—Exhibit: "Transforming the American Garden." Gallery hours: 9 a.m.-4:30 p.m., Monday-Friday; 2 p.m.-5 p.m., Sunday, Rudolph E. Lee Gallery, Lee Hall.

Tuesday, Sept. 25

—Volleyball: Winthrop College. 7 p.m., Jervey Gym. (Sports

Information, 656-2101)

Wednesday, Sept. 26

—Soccer: Coastal Carolina. 7 p.m., Riggs Field. (Sports Information, 656-2101)

Thursday, Sept. 27

—Workshop: "Interviewing and Selection." 9 a.m.-4 p.m., Virginia Poole Room, Clemson House. (Personnel Services, Melissa Marcus 656-2727)

Friday, Sept. 28

—Workshop: "Stress Management." 9 a.m.-4 p.m., Virginia Poole Room, Clemson House. (Personnel Service Melissa Marcus, 656-2727)
—Seminar: "Heat Transfer in Twin Screw Extruders." 2:30 p.m., Lowry Hall. (Mechanical Engineering, David Zumbunnen, 656-3470)
—Volleyball: Morehead State. 7 p.m., Jervey Gym. (Sports Information, 656-2101)

JACK A. MCKENZIE
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NEWS SERVICES

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Sept. 21 for Oct. 3 issue.

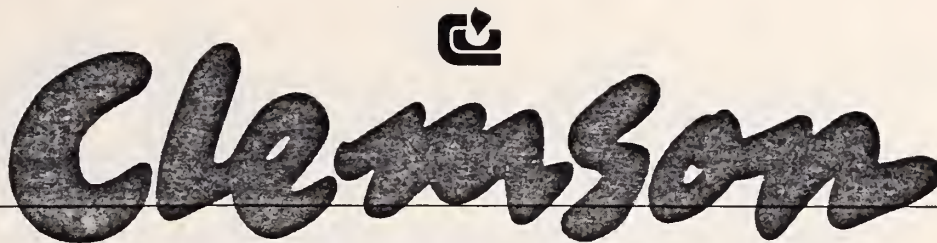
How to submit items for the master calendar

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If you have a question about a date or event, contact Debra Andrews at the Alumni Center (656-3860).

You may also call the Clemson University Information Hotline (656-INFO) which lists weekly happenings at the University.



NEWS SPECIAL

Vol. 30, No. 1

Monday, Sept. 24, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

State law requires University to adopt new smoking policy

Clemson has adopted a new smoking policy for University buildings in order to comply with a new state law, the South Carolina Clean Indoor Air Act of 1990.

Officials say its successful implementation will depend on the cooperation and good will of everyone at the University.

Effective immediately, the new policy prohibits smoking in all areas under control of the University, both on and off campus, except in private offices, designated areas of employee break rooms or as part of a legitimate theatrical performance.

Private office refers to a totally enclosed room, with a door, in which only one person works. Modular work areas in larger rooms are not considered private offices.

The policy does not apply to buildings or rooms leased to other individuals, organizations or corporations for their use, such as student dorm rooms.

The policy was written to comply with the South Carolina Clean Indoor Air Act, which went into effect Aug. 1 of this year.

That legislation makes it a misdemeanor for people to smoke

or possess lighted smoking materials in most areas of government buildings.

The only exceptions are enclosed private offices and designated areas of employee break areas. However, Clemson administrators are not required to designate a smoking area in each building if that is impractical, said Ray Thompson, director of personnel.

Prior to the state law, the administration was working with the Faculty Senate, the Commission on Classified Staff Affairs and the Student Government to establish a smoking policy that probably would have restricted smoking even more than the current law.

When the state law passed, however, the University had to start over.

"We have tried to follow the new law," said Thompson. "And it

doesn't really leave us with much flexibility. Adapting it to a university setting is going to present some unique challenges.

Officials hope that any conflicts between smokers and non-smokers can be resolved at the lowest possible administrative level.

"We have to be aware of the rights of smokers and non-smokers in the work place," said John Newton, associate vice president for personnel management. "We hope everyone will work together to solve any differences."

The new policy will be sent to departments next week to update University Personnel Manuals.

An open meeting on the new smoking policy has been planned by the Faculty Senate, the Commission on Classified Staff Affairs and the Student Government for faculty, staff and students. Ray Thompson, John Newton, Ben Anderson, University Counsel, and Robert Burley, director of Redfern Health Center, will be on hand to answer questions.

Copies of the state law will be available at the open meeting. The new University policy is printed on page two of this news special.

Open meeting on smoking policy

**Tuesday, Sept. 18
2:30-4:30 p.m.
Tillman Hall
Auditorium**

Clemson University Smoking Policy

To implement the provisions of South Carolina's Clean Indoor Air Act of 1990, and to protect the health and safety of Clemson University students, faculty, staff and visitors, the following policy is adopted:

I. Smoking or the possession of lighted smoking material in any form is prohibited in all areas of any building leased or operated under the control of the University except in those areas identified in II below. This policy does not apply to buildings or portions thereof (including University housing facilities) which are leased by the University to other individuals, organizations or corporations for their use.

II. Smoking and the possession of lighted smoking material is permitted 1) in enclosed private offices, 2) in designated areas of employee break rooms and 3) as part of a legitimate theatrical performance.

III. It will be the responsibility of the individual department heads to administer this policy for each building or area under their supervision. It will also be the responsibility of the individual department heads to decide whether or not to designate smoking areas of employee break rooms under their supervision. If smoking areas in employee break rooms are designated, the department shall ensure that signs are conspicuously placed to identify these smoking areas and shall make every reasonable effort to keep these smoking areas from impinging upon smoke-free areas by use of existing physical barriers and/or outside ventilation systems.

IV. Non-compliance with this policy may result in disciplinary action and subject the person to the penalties provided for in the South Carolina Clean Indoor Air Act of 1990

Adopted Sept. 10, 1990
Effective immediately

Clemson WEEKLY

Vol. 30, No. 8

Wednesday, Sept. 26, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Trustees will be asked Friday to pave the way for downtown work

As renovation of the downtown Clemson business area continues, patience will become more than a virtue. It will be a necessity.

Work could begin as early as November on the next phase of the city's revitalization and beautification effort.

Plans are to rebuild sidewalks, plant trees and add historic street lighting.

"We won't close off whole sections at a time," said Mary Poore, planning director for the city of Clemson.

"Businesses will remain open, but the pedestrian flow will be interrupted. People need to be prepared for some inconveniences, but it will be worth it."

Additional work is also proposed for the College Avenue-Highway 93 intersection near Mell Hall.

The city and the University are working together to finalize plans to beautify the intersection. One pro-



A perspective created by Collins Design Service, in Clemson, provides a view of how downtown might look upon completion of the beautification project.

posal calls for a low retaining/seating wall on both sides of the street, as well as new steps up to Oak Terrace and University Ridge.


The University will ask the Clemson Board of Trustees on Friday (Sept. 28) to grant an easement to the city to do the work, said Jack Wilson, associate vice president for facilities planning and management.

"We're working together with the

city on the final design work, and we think it will enhance the gateway to both the University and the city of Clemson," Wilson said.

Poore will discuss plans for the beautification project at a First Tuesday Briefing luncheon at the Alumni Center Oct. 2. To attend, contact Debby Cremer at 656-5657.

Military leave available to employees

 University employees who are ordered to active military duty in relation to the Middle

East situation are eligible for up to 30 working days of paid leave, according

to John Newton, associate vice president for business and personnel management.

This leave is in addition to the 15 working days authorized for annual training, making 45 working days the maximum allowable for paid military leave.

Pat Collins, operations manager, said no employees have been called up, but some are on standby.

For more information regarding military leave, contact Collins (656-2165) in Personnel Services.

Inventors Expo seeks exhibitors

Inventors and creators are being invited to display their innovations at Clemson's Second Annual Inventors Expo.

The expo, sponsored by the Emerging Technology Center and the Small Business Development Center, will be held Oct. 23 and 24 at the Palmetto Exposition Center in Greenville in conjunction with the Carolina Trade Fair, formerly called the Palmetto Industrial Trade Show. Between 5,000 and 6,000 people are expected to attend this year's event.

The expo provides an opportunity for inventors to market their ideas to people who can manufacture or market them, said Tom Zimmerer, director of the Emerging Technology Center.

University faculty and staff are encouraged to exhibit. "The University is extremely active in patent ideas. It ranks sixth in the nation in the number of patent disclosures," said Zimmerer. "I would love to have 30 or 40 exhibitors from the University alone."

All kinds of inventions are welcome. Last year's exhibits included everything from creative gadgetry to a highly sophisticated, computer generated, dieless manufacturing system. Some of last year's exhibitors are in the process of working out deals to market their inventions, Zimmerer said.

A booth for the two days costs \$95, which includes tables, chairs and a sign.

For information, call Debra Harris (656-4237) at the Emerging Technology Center.

Nurse to direct programs at health agency

Assistant Professor of Nursing Becky Fields Campbell has been named interim district nursing director of the Appalachia I Health District. She will serve a joint appointment, half time with the health district and half time on the University faculty.

Appalachia I Health District provides adult, maternal, child and some health services to people in Anderson and Oconee counties.

The health agency sought applicants for the position from the College of Nursing in order to strengthen the relationship between the two organizations, said Jim Deaton, district health director.

The ties will help acquaint faculty and students with the community nursing program and will open doors to increased teaching and research opportunities, Campbell said.

Campbell joined the Clemson faculty in 1977. She received her bachelor's and master's degrees in nursing from Clemson and her doctoral degree in nursing from the University of South Carolina.

Survey parks Clemson in good spot in annual parking fees

Parking Services and the Office of Institutional Research recently surveyed 27 universities about their parking facilities and policies. Seventeen of the 27 members of the Southern University Group Data Exchange (SUGS) responded.

Clemson's annual parking fee of \$18 is the third lowest among faculty

costs and fifth lowest among staff.

Results indicate that eight of the institutions offer parking decks or garages, while seven offer gated areas for parking. The majority of the institutions allow additional vehicles to be registered and provide a shuttle service.

Annual Parking Fees for Faculty and Staff
(in dollar amounts)

| | Faculty | Staff |
|-----------------|---------|-------|
| Virginia | 360 | 360 |
| North Carolina | 282 | 282 |
| N.C. State | 216 | 168 |
| Georgia State | 200 | 0 |
| Houston | 140 | 0 |
| Kentucky | 72 | 48 |
| West Virginia | 60 | 60 |
| Texas (Austin) | 58 | 26 |
| Texas Tech. | 54 | 54 |
| Oklahoma | 53 | 53 |
| Virginia Tech. | 40 | 40 |
| Alabama (Birm.) | 32 | 32 |
| Arkansas | 30 | 30 |
| Alabama | 20 | 20 |
| Miss. State | 20 | 20 |
| Clemson | 18 | 18 |
| Southern Miss. | 10 | 10 |
| Mississippi | 10 | 10 |

University scientists gain new lab

A new analytical lab that will enhance and speed up biotechnology research is now available to all scientists on campus.

This multi-user lab, located on the second floor of Long Hall, houses more than \$200,000 of impressive, state-of-the-art equipment.

The lab's key equipment — the gas chromatograph and mass spectrometer — was purchased with biotech funds from the S.C. Agricultural Experiment Station.

"Having this equipment allows us to be very competitive with other university scientists across the country who are now involved in this realm of research," says Lissa Riley, a research associate who will coordinate experiments in the lab.

Jim Fischer, director of the S.C. Agricultural Experiment Station, says, "Making the latest technology available to our scientists will help them stay in the forefront of this research."

Speech communication conference to focus on televangelism

The Carolina's Speech Communication Association is holding its annual conference at Clemson on Oct. 12 and 13. The two-day conference theme will be "Communication: Morals, Values and Ethics."

The capstone of the conference is a spotlight panel entitled "Televangelism: Communication, Ethics, and Society." Four leading scholars of televangelism and a Pulitzer prize-winning reporter will discuss the

ethical communication choices confronting televangelists, viewers and government regulators.

Registration for the two-day conference is \$15. The spotlight panel on televangelism will be held on Oct. 13 at 1:30 p.m. in Tillman Auditorium. It is free and open to the public.

For more information, contact Doreen Geddes (656-3043) in the performing arts department.

CU in the news...

—Research on protective clothing under way at the Clemson Apparel Research facility was featured in the Sunday, Sept. 9, issue of the **New York Times**. As a sidebar to a feature story on issues surrounding the possible use of chemical weapons in Kuwait, the Times article focused on efforts at Clemson to create the next generation of protective clothing.

—On the **New York Times** education page Wednesday, Aug. 29, Dixie Goswami, English professor, is described as "one of the best writing teachers in the country" in an article on the Bread Loaf writing program.

Luncheon kicks off United Way drive

The 1990 Clemson University United Way Campaign begins Oct. 3 with a kickoff luncheon at the Clemson House. This year's campaign will attempt to build on the success of the 1989 campaign, which exceeded its goal of \$60,000. The 1990 goal is \$70,000.

For additional information, contact chairman Steve Copeland (656-4354) at 302 Sikes Hall.

Ski Austria...

The Alumni Association's Young Alumni program is sponsoring a ski trip to Innsbruck, Austria, Jan. 23-30, 1991, for all age groups. The \$933 price includes round-trip airfare on KLM, six-night accommodations in a first-class hotel and all breakfasts and dinners.

A deposit of \$200 is due Oct. 22. Payment in full is due Nov. 20.

For more information, contact Dixie McAfee or Jody Bryson at the Alumni Center (656-2345).

Clemson People...
touching your life every day

• NURSES • ARTISTS • BUSINESS LEADERS • TEACHERS • PUBLIC SERVANTS •
 • BANKERS • ENGINEERS • ARCHITECTS • SCIENTISTS • AGRICULTURALISTS •

Through the efforts of alumnus J. Russell Madray '86, this billboard now greets travelers along Highway 123 betweenasley and Greenville. Madray's company, Ronco Outdoor Advertising of Greenville, donated the space.



Environment Awareness Week hosts events

Environment Awareness Week, Oct. 1-5, will promote discussion of and action on issues, problems and ideas related to protecting the environment.

Jeff Debonis, chairman of the Association of Forest Service Employees for Environmental Ethics, will kick off the focus with a pre-week discussion on issues that have been the subject of protests from Oregon to the Sumter Forest. It will begin at 7:30 p.m., Sept. 27, in Lee Hall Auditorium.

Other events include:

—Tuesday, Oct. 2, Ruth Thomas of Environmentalists Inc. of Columbia will speak on "Hazardous Waste

Issues in South Carolina" at 7:30 p.m. in Lee Hall Auditorium.

—Wednesday, Oct. 3, Larry Golan, director of the South Carolina Energy Research and Development Center at Clemson, will speak on "Energy, the Economy and the Environment" at 2 p.m., in the Strom Thurmond Institute conference room.

—Thursday, Oct. 4, a roundtable discussion of "The Environmental Challenge: Industry's Perspective" will feature a panel of industry representatives at 4 p.m. in the Strom Thurmond Institute Auditorium.

—Thursday, Oct. 4, Jay Hair, president of the National Wildlife

Federation, will speak on "Environmental Challenges for the '90s" at 7:30 p.m. in the Strom Thurmond Institute Auditorium.

—Friday, Oct. 5, the Wildlife and Environmental Toxicology (TIWET) program's new facilities in Pendleton will be dedicated at 1 p.m.

Environment Awareness Week activities are sponsored by the Strom Thurmond Institute, the Students for Environmental Awareness, the environmental sciences program, and the Wildlife and Environmental Toxicology program.

Dates to remember:

Saturday, Sept. 29

—Football: Duke. Noon, Memorial Stadium. Homecoming. (Sports Information, 656-2101)

Sunday, Sept. 30

—"Witches of Eastwick." University Union movie. 7 and 9:15 p.m., Y-Theatre, FREE.

—Soccer: N.C. State. 2 p.m., Riggs Field. (Sports Information, 656-2101)

—Volleyball: UNC-Greensboro. 3 p.m., Jervy Gym. (Sports Information, 656-2101)

Monday, Oct. 1-Friday, Oct. 5

—Environment Awareness Week. See related story above.

Tuesday, Oct. 2

—Soccer: Georgia State. 7 p.m., Riggs Field. (Sports Information, 656-2101)

—Volleyball: UNC-Asheville. 7 p.m., Jervy Gym. (Sports Information, 656-2101)

Tuesday, Oct. 2-Saturday, Oct. 6

—Clemson Players Production, "The Miss Firecracker Contest." 8 p.m. (plus 3:30 p.m. matinee Oct. 4), Daniel Auditorium, students free, \$2 faculty/staff, \$4 public.

Wednesday, Oct. 3

—Safety Training: "Electricity and Electrical Safety." 10:30 a.m., Student

Senate Chambers, FREE. (Risk Management and Safety, Nelson Hill, 656-2441)

Thursday, Oct. 4-Saturday, Oct. 6

—"The Freshman." University Union movie. 7 and 9:15 p.m., Y-Theatre, \$1.75.

Thursday, Oct. 4

—Chepstow Male Voice Choir and C.U. Choral Ensembles. 8 p.m., Tillman Hall, FREE.

—Volleyball: Duke. 7 p.m., Jervy Gym. (Sports Information, 656-2101) Thursday, Oct. 4-Thursday, Dec. 13

Friday, Oct. 5

—Soccer: Umbro Tournament. Florida International vs. Santa Clara, 6 p.m.; Clemson vs. Adelphi, 8 p.m., Riggs Field. (Sports Information, 656-2101)

—Volleyball: North Carolina. 7 p.m., Jervy Gym. (Sports Information, 656-2101)

Saturday, Oct. 6

—Football: Georgia. Memorial Stadium. Spirit Blitz. (Sports Information, 656-2101)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Sept. 28 for Oct. 10 issue.



Clemson

WEEKLY

Vol. 30 No. 9

Wednesday, Oct. 3, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

University's paper recycling picks up steam

What began as a grassroots, volunteer recycling effort in one campus building is on its way to becoming an official University-sponsored program.

Jeff Porter, a textiles professor, began organizing his colleagues in Sistine Hall to recycle white paper in February 1989. He gave it to David Peden, the guy who drives a beat-up school bus around the Upstate to collect paper to raise money for the Boy Scouts.

Porter began talking to the folks in Facilities Maintenance and Operations about helping with collection and transportation.

Today, 14 campus buildings have recycling programs, and there are about 50 collection bins around campus that accept white paper.

It's still an effort based largely on

individual initiative, but that will soon change.

The University will hire Porter as a consultant this summer to organize a University-wide effort. He is also on both University and City of Clemson task forces looking at the issue, and he hopes the two can join forces for a community-wide system.

"What we're doing now is working with some headaches," Porter says. "We're trying this year to learn what the problems are and slowly build up to a formal system, and that's not a bad way to do it.

"If someone gave us a million dollars tomorrow, we wouldn't know how to spend it wisely."

In the meantime, employees interested in organizing a recycling effort in their buildings can call Porter at 656-5960.

FMO examines solid waste management

The Facilities Maintenance and Operations (FMO) department is becoming more heavily involved with environmental issues, says assistant vice president Mike Faires.

Approximately 70 tons of solid waste is collected on campus weekly. About 40 percent of the trash is paper, while 35 percent or more is grass clippings and tree branches. FMO is trying to come up with a way to recycle that, to make compost out of it and use the pine bark for mulch.

The motor pool is now paying to have used motor oil taken off campus by a vendor. The same is happening with paint thinner used by paint shop and security personnel.

continued on p. 2

Recycling: How you can help

- Organize the employees in your building to recycle

- Take white paper to a recycling bin (see list)

- Use white legal pads instead of yellow

White paper (recyclable) means:

- copier paper
- computer printout
- letterhead
- papers in the manila/beige family, including the *Clemson Weekly*

NOT recyclable:

- colored paper
- newspapers
- magazines on coated paper
- envelopes with plastic windows

Paper collection points:

- Barre Hall
- Earle Hall
- Freeman Hall
- Hardin Hall
- Hunter Chemistry Lab
- Kinard Annex
- Lee Hall
- Lehotsky Hall
- Long Hall
- Lowry Hall

- McAdams Hall
- Poole Agricultural Center
- Rhodes Engineering Research Center
- Riggs Hall
- Sistine Hall
- Strode Tower
- University Union, 7th floor
- University Square

All collection points have containers on each floor for voluntary use.

For more information, contact Jeff Porter at 656-5960.

*A large 4'x4'x8' container is also located at the back of the building for storage of paper for weekly pickup.

FMO waste management *continued*

"The things that are relatively inexpensive are the ones we're doing first, said Faires. "The long-range plans that are more expensive, we will have to do as the budget allows."

Other issues they look to address are run off from the University coal pile as well as emission levels of the University's steam plant.

"We're in the infancy stages of doing these kinds of things, but we are making progress," Faires said.

University dining areas affected by smoking policy

All ARA dining facilities will now be smoke free, according to the open meeting held Sept. 18 to discuss the University's new smoking policy.

Panelists Ray Thompson, director of personnel; John Newton, associate vice president for personnel management; Ben Anderson, University counsel; and Robert Burley, director of Redfern Health Center, said the policy would not allow smoking in Harcombe Dining Hall, Schilleter Dining Hall, Lindsey's (formerly Edgar's), the Canteen, the Convenience Store or the Clemson House dining facilities.

The policy does not apply to University vehicles or any part of student housing facilities.

Redfern Health Center, which has been declared totally smoke free, falls under the portion of the South Carolina Clean Indoor Air Act which allows health care facilities to choose not to allow smoking in designated break areas.

The University's new smoking policy prohibits smoking in all University-owned buildings except for private offices, designated areas of employee break rooms, buildings leased by other individuals or groups and legitimate theatrical performances. It was adopted Sept. 10 and is effective immediately.

For more information, contact Ray Thompson (656-3360) in Personnel Services at 106 University Square.

Aluminum can recycling program continues to expand

As you walk around campus, you may notice the blue 55-gallon drums outside of many of the University's buildings. Placed by the Students for Environmental Awareness, the drums are collection points for aluminum cans. Right now, there are 11 such collection points.

Since November of last year when the Students for Environmental Awareness began collecting cans for recycling, the program has grown from 65 pounds of cans every month to about 140 pounds of cans every two weeks, said Matt Compton, a student in charge of the project.

The University backs the student group and will eventually assume responsibility for the recycling program. "The University's goal is to help us get this program going and eventually take it over," said Compton. "They have been very helpful. We couldn't do all that we've been able to without the University's help."

The University allows students to use Facilities Maintenance and Operations trucks to pick up the cans and transport them to a recycling facility in Anderson. Recently, the

University gave the student group a trailer in which to store and haul the cans. The University is also proposing new plastic barrels to replace the 55-gallon drums.

Money collected from the cans is used by the student group for printing and bringing in speakers, said Compton.

Aluminum can collection points

You can find aluminum can collection points at these sites:

- Poole Agricultural Center
- Riggs Hall
- Sirrine Hall
- Cooper Library
- Daniel Hall
- The front and back entrances of Lee Hall
- Schilleter Dining Hall
- Between the Kinard Annex and Long Hall
- The Outdoor Theatre
- Newman Hall



The new facility for the University's Wildlife and Environmental Toxicology program is being dedicated Friday, Oct. 5, at 1 p.m. in Pendleton. The 37,000-square-foot building will provide administration and laboratory space.

Reduce hazardous waste by using natural alternatives and proper disposal

Many products that are commonly used in businesses and households contain a number of hazardous ingredients. The disposal of these products is often

done improperly. Using natural alternatives can reduce or eliminate the need for some products altogether. The following chart may help.

| Products | Hazardous Ingredients | Disposal | Alternatives |
|----------------------------|---|----------|--|
| Flea Collars & Sprays | carbamates, pyrethrins, organophosphates | FU | herbal collar/ointment (eucalyptus or rosemary) or brewer's yeast in the pet's diet |
| Roach & Ant Killers | carbamates, pyrethrins, organophosphates | S | roaches: traps or baking soda & powdered sugar mix; ants: chili powder to hinder entry |
| House Plant Insecticides | methoprene, malathion, tetramethrin, carbaryl | S | mixture of bar soap & water or old dishwater; spray on leaves then rinse |
| Wood Preservatives | PCP, copper or zinc naphthenate, creosote | S | water based wood preservatives |
| Enamel or Oil Based Paints | mineral spirits, hydrocarbons, ethylene | S,R | latex or water based paints |
| Disinfectants | diethylene or methylene glycol, phenols, | FU | 1/2 cup borax in 1 gallon of water |
| Drain Cleaners | hydrochloric acid, petroleum distillates, sodium or potassium hydroxide | S | plunger; flush with boiling water, 1/4 cup baking soda and 2 oz. vinegar |
| Floor & Furniture Polishes | diethylene glycol, petroleum distillates, nitrobenzene | S | 1 part lemon juice, 2 parts olive or vegetable oil |

Source: Environmental Hazards Management Institute, 1989.

Disposal Key

S These wastes should be safely stored until a hazardous waste program is organized in your community. Fully used pesticide containers may, however, be triple rinsed with water and the rinse water fully reapplied according to the instructions on the label. The container may then be discarded when completely empty.

FU Fully use these products so that no waste remains except residuals attached to the container. Containers should be rinsed with water. The container may then be disposed at a municipal landfill while the rinse water may be either reused or poured down the drain with great quantities of water.

R Recycle your wastes. Take to a service station, reclamation center or household hazardous waste collection. Partially used products may be exchanged.

Best-selling author, illustrator to speak Oct. 13

Author and illustrator David Macaulay will speak Saturday, Oct. 13, at noon, in Lyles Auditorium in Lee Hall.

Macaulay is well-known as a witty speaker and a highly original artist and writer who appeals to all ages and professions.

A trained architect and art teacher, Macaulay is famous for his architectural books for children, several of which have won awards.

His most recent project, "The Way Things Work," is an encyclopedia of mechanical knowledge about everything from parking meters to computers and accompanied by humorous narratives and drawings.

Macaulay's speech is part of the Children's Literature Symposium cosponsored by the English department and the College of Architecture.

The symposium will feature several other speakers as well as Macaulay and will be held in Lee Hall from 9 a.m. to 1 p.m. It is free to faculty, staff and students.

For further information, contact the English department at 656-3151.



Macaulay

CPR classes available

The Nursing Center is providing cardio-pulmonary resuscitation (CPR) training to all employees again this year.

Three different courses are available. The cost of each class is \$15 per person which includes a training manual and certification card.

If you would like to schedule a class or if you have any questions, contact Saranne O'Neal at the Nursing Center (656-5529).

Dates to remember:

Saturday, Oct. 6

—Football: Georgia. 1 p.m., Memorial Stadium. Spirit Blitz. (Sports Information, 656-2101)

Sunday, Oct. 7

—Soccer: Umbro Tournament. Florida International vs. Adelphi, 1 p.m.; Clemson vs. Santa Clara, 3 p.m., Riggs Field. (Sports Information, 656-2101)
—Volleyball: Furman. 2 p.m., Jervey Gym. (Sports Information, 656-2101)

Tuesday, Oct. 9

—The Slovak Chamber Orchestra. Part of the Concert Series. 8 p.m., Tillman Hall, Students FREE, adults \$7.
—Volleyball: Georgia. 7 p.m., Jervey Gym. (Sports Information, 656-2101)

Wednesday, Oct. 10

—Soccer: Stetson. 7 p.m., Riggs Field. (Sports Information, 656-2101)
—Volleyball: Georgia Southern. 7 p.m., Jervey Gym. (Sports

Information, 656-2101)

Friday, Oct. 12

—Seminar: "Nural Nets—An Introduction: What Are They and How They Can Help Engineers." Cosponsored by the South Carolina Energy Research and Development Center. 2:30 p.m., Lowry Hall. (Mechanical Engineering, David Zumbunnen, 656-3470)

Friday, Oct. 12-Saturday, Oct. 13

—Speech Conference: "Communication: Morals, Values and Ethics." \$15 for the two-day conference. A spotlight panel on televangelism (Oct. 13, 1:30 p.m., Strom Thurmond Institute Auditorium) is free and open to the public. (Performing Arts, Doreen Geddes, 656-3043)

Saturday, Oct. 13

—Children's Theatre: "Cinderella." 1 p.m., Y-Theatre, \$1.
—Clemson Children's Literature Symposium featuring author and illustrator David Macaulay. 9 a.m., (registration 8:45) Lee Hall. FREE to faculty, staff and students. (English Department, 656-3151)

Sunday, Oct. 14

—Basketball Fan Appreciation Day. 3:30 p.m., Littlejohn Coliseum. (Sports Information, 656-2101)



Ralph Elliott, associate dean for executive education and development, places a nameplate on the libraries' "Founding Patron of Excellence" plaque in Cooper Library as Ryan Amacher, dean of the College of Commerce and Industry, and Joe Boykin, director of libraries, stand by. The College of Commerce and Industry's Office for Professional Development has donated more than \$50,000 to the libraries to qualify as a Founding Patron. Funds donated by the office have been used to acquire business and business-related materials.

Changes, enrollment in insurance program offered

During the month of October, you may enroll or make enrollment changes to your state health or HMO, state life, Long Term Care or MoneyPlus programs. Enrollment and changes are subject to eligibility requirements.

On-campus meetings have been scheduled for Monday, Oct. 8, Wednesday, Oct. 10, and Friday, Oct. 12, to provide additional information to employees.

For details, contact Gail Roberts (656-5597) in Personnel Services.

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Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Oct. 5, for Oct. 17 issue.



Clemson

WEEKLY

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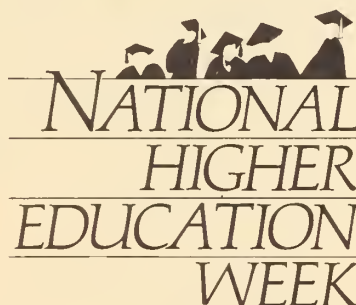
INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Higher education week highlights 'greatness in every generation'

National Higher Education Week will be Oct. 14 to 20. Sponsored by the Council for Advancement and Support of Education (CASE), this year's theme is "Generating Greatness in Every Generation" and will celebrate the diversity of students found on today's college campuses.

For the third year, Clemson's financial aid director, Marvin Carmichael, will participate in the CASE/USA Today telephone hotline during the week.

The hotline consists of financial aid and admissions personnel from all



over the country who answer questions such as what it takes to get into college and how to pay for it.

The hotline will operate Monday, Oct. 15, through Thursday, Oct. 18. Hotline numbers will be published in USA Today during National Higher Education Week.

The week will also celebrate the silver anniversary of the Higher Education Act of 1965 and subsequent legislation that has enabled many Americans to go to college.

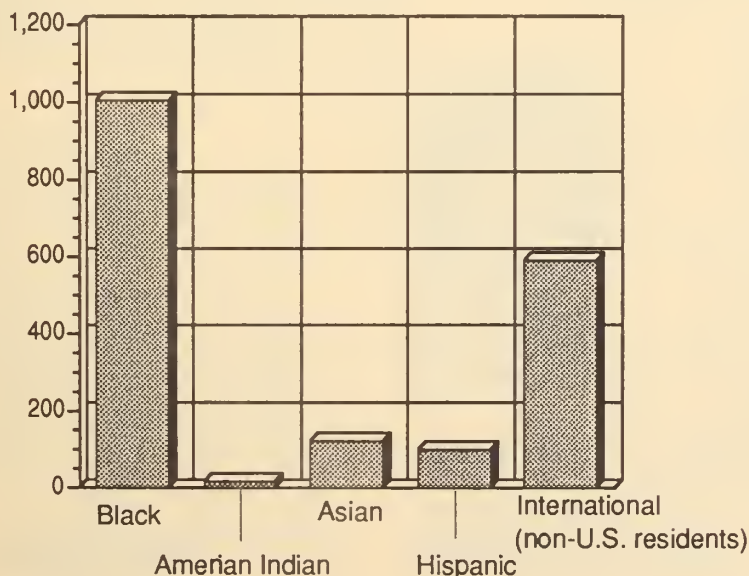
Student diversity at Clemson

When the first black student was admitted in 1963, the University began to grow in student diversity. Today, many ages and races are represented on campus.

Of the 16,072 students who attended last year, 14,245 were white Americans. The remaining 1,827 students were from varying racial and cultural backgrounds. Enrollment ages for the entire student population ranged from under 18 years old to over 65.

Here are two breakdowns of Clemson's racial and cultural diversity during the 1989-90 school year.

Race



Age

| Age | Men | Women |
|--------------------|-------|-------|
| 18 years and under | 1,584 | 1,482 |
| 19 to 24 years | 5,705 | 3,991 |
| 25 to 34 years | 1,134 | 789 |
| 35 to 44 years | 389 | 605 |
| 45 to 54 years | 103 | 199 |
| 55 to 64 years | 23 | 34 |
| 65 years and older | 12 | 4 |
| Age unknown | 9 | 9 |

Source: Fact Book 1989, Office of Institutional Research.

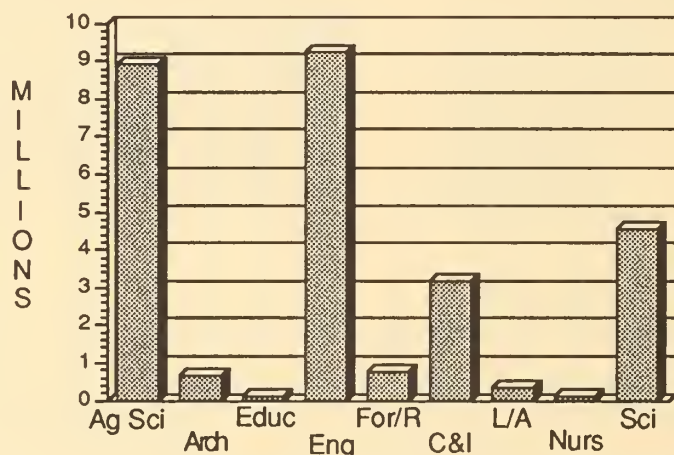
CU sets record at \$80 million

University research and sponsored program expenditures climbed to a record \$80 million last year, a 21.8 percent increase over the previous year. New grant and contract awards rose by 43.8 percent.

Nearly one-third of the new awards came from industry, a percentage that is five to six times the national average for land-grant colleges and universities, said Jay Gogue, vice president for research.

The actual spending in research and sponsored programs is used to establish the national rankings for research universities. Clemson has ranked in the top 100, out of approximately 3,200 colleges and universities nationwide, since 1986-87, Gogue said. It is the only South Carolina institution ranked in the top 100.

Here is a breakdown of how each college did.



Lee to head nursing center

E. Juanita Lee has been named director of the University's Nursing Center and assistant department head for professional services in the College of Nursing.

She comes to Clemson from Los Angeles, where she was interim chair and associate professor of the department of nursing at the University of Southern California.

The position is a new one, created because of growth in services programs in the College of Nursing, says Sara Barger, department head for professional services.

Lee graduated from Berea College in Berea, Ky., and received

her master's degree in nursing from the University of California at Los Angeles and her doctorate in education from the University of Southern California.

Her research interests include child abuse, injury prevention in children, student stress, and coping and care for the adolescent diabetic.



Lee

Volunteers needed

The National Dropout Prevention Center and Pendleton Junior High School are piloting a program to help middle school students improve their grades, school attendance, and awareness of jobs and job-related skills.

Called "Crossroads," the initiative needs volunteers from the faculty, staff and student body to match with middle school students in the program.

If you would like to volunteer, contact Lib Crockett (656-2599) at the National Dropout Prevention Center.

Graduation



- The faculty/staff deadline for ordering academic apparel for December graduation is Friday, Oct. 12th.

For details and order forms, contact Diana Powell (656-2050) in the University Bookstore.

- The Commission on Classified Staff Affairs has gowns available for loan to staff members who would like to participate in graduation.

For information, contact Ben Morton (656-3516) in Poole Agricultural Center.

Want to 'kick the habit'?



Redfern Health Center will provide group smoking cessation programs through the American Cancer Society for interested employees. Health educator Mary Steeves can also provide individual smoking cessation help. If you are interested in either of these programs, contact Steeves (656-0141) at Redfern.

Gilliland appointed to Patent Committee

Bob Gilliland, special assistant to the president and professor of electrical and computer engineering, has been appointed to chair the patent committee.

He's been interim chair of the committee since January of 1989.

The University's patent income of \$1 million per year and a dramatic increase in patent disclosures place Clemson among the nation's academic leaders in intellectual property. Clemson ranks sixth in the nation in patent disclosures.

The patent committee helps make faculty, staff and students aware of opportunities to transfer technologies to the private sector.

Special Collections posts new hours

The University Libraries' Special Collections unit in the Strom Thurmond Institute building is open on Sunday afternoons, 1-5 p.m., when classes are in session. These weekend hours are in addition to the weekday hours of 8 a.m. to 4:30 p.m. and until 9 p.m. on Tuesdays.

For more information, contact Michael Kohl (656-5176) in the Cooper Library.

Best of Show awarded to professor

Visual arts professor John Acorn received the Best of Show award in the Guild of South Carolina Artists' 40th annual juried exhibition, on display at the South Carolina State Museum in Columbia.

Landscape, fine arts focus of Lee Gallery exhibits

The Rudolph E. Lee Gallery in the College of Architecture will focus attention on the two programs within the college that have recently added bachelor's degrees—landscape architecture and fine arts.

Landscape architecture will be the focus of two consecutive exhibits.

"Transforming the American Garden" is an exhibition of 12 new landscape designs created in conjunction with a landscape architecture symposium at Harvard.

"Gardens Real and Imagined" is a group exhibition of a national

museum tour featuring New York City artists.

The fine arts focus will include "Folk: The Art of Benny and George Andrews," which features unique and widely acclaimed works of father and son artists whose origins are deeply rooted in the rural South.

The gallery, in Lee Hall, is open Monday to Friday from 9 a.m. to 4:30 p.m., and Sunday from 2 p.m. to 5 p.m.

For more information, contact, Deborah Brooks, gallery director, at 656-3880.

Rudolph E. Lee Gallery schedule

Sept. 24-Oct. 17

—"Transforming the American Garden" features 12 new designs created in the Harvard University Graduate School of Design landscape architecture symposium.

Oct. 29-Nov. 15

—"Gardens Real and Imagined" presents the garden as seen by contemporary New York artists working in various media.

Nov. 26-Nov. 28

—Faculty/student art sale

Dec. 3-Dec. 14

—Master of Fine Arts thesis exhibition

Jan. 14-Feb. 24

—"Folk: The Art of Benny

and George Andrews" features recent figurative works by New York painter Benny Andrews and folk paintings and sculpture by his father, George Andrews, a resident of Madison, Ga.

March 11-March 29

—Fifth Clemson National Print and Drawing Exhibition, a biennial juried competition featuring works by artists from throughout the United States.

April (all month)

—Student exhibitions featuring works by candidates for the Master of Fine Arts and Master of Architecture and other selected student projects.

Summer 1991

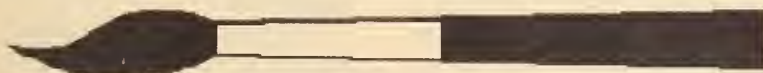
—Student Honors Show

Acorn received a \$2,500 stipend for his painted metal piece titled "Beyond the Rectangle #1."

He is head of the visual arts and history department in the College of Architecture.

Faculty promotion addition

Mark K. Smotherman, Computer Science, was promoted to associate professor. His name was inadvertently excluded in the 1990-91 faculty promotions listed in the Aug. 22 issue of *Clemson Weekly*.



Dates to remember:

Monday, Oct. 15

—Lecture: "Stop the Violence," featuring Kris Parker (KRS-ONE) of Boogie Down Productions, 7 p.m., Tillman Hall Auditorium, \$2.

Tuesday, Oct. 16

—Volleyball: Georgia Tech. 7 p.m., Jervey Gym.
—Safety Training: "Eye Safety." 10:30 a.m., Student Senate Chambers, FREE. (Risk Management and Safety, Nelson Hill, 656-2441)

Wednesday, Oct. 17

—Soccer: UNC-Charlotte. 7 p.m., Riggs Field.

Thursday, Oct. 18-Friday, Oct. 19

—Safety Training: Defensive Driving Courses. 1-4:30 p.m. and 6-10 p.m., University Police Department. (Risk Management and Safety, Freddie Harbin, 656-3365)

Thursday, Oct. 18-Saturday, Oct. 20

—"Die Hard II." University Union movie. 7 & 9:15 p.m., Y-Theatre, \$1.75.

Saturday, Oct. 20

—"Cinderella." University Union movie. 1 p.m., Y-Theatre, \$1.
—Performing Artist Series: Nightnoise. New Age music. Tillman Hall Auditorium, 8 p.m., students FREE, adults \$7.

Sunday, Oct. 21

—"Blazing Saddles." University Union movie. 7 & 9:15 p.m., Y-Theatre, FREE.
—Soccer: Maryland. 2 p.m., Riggs Field.

Monday, Oct. 22

—The London Brass, part of the Concert Series. 8 p.m., Tillman Hall Auditorium, students FREE, adults \$7.

Infoexpo to demonstrate library, computer services

Infoexpo is coming Oct. 24 and 25. The expo will demonstrate the online information sources and the various national and international networking services available through the University Libraries and the Computer Center.

The expo will be held in the lobby of the Cooper Library and will run from 1 p.m. to 5 p.m. on Wednesday, Oct. 24, and 9 a.m. to 1 p.m. on Thursday, Oct. 25.

For details, contact Martha Lyle (656-5185) in the library.

Botanical Garden hosts Idlewilde Festival

Two days of Appalachian music, educational programs and outdoor entertainment are slated for the Idlewilde Festival at the University's Botanical Garden during the weekend of Oct. 13-14.

The festival will include a craft sale and health appraisals. Drinks, sandwiches and snacks will also be available.

Admission is free.

For more information, contact festival director Ernie Denny at 656-0203.

Secretaries group to host bosses luncheon

The Clemson Chapter of Professional Secretaries International is hosting its annual Bosses Appreciation Luncheon on Tuesday, Oct. 16, at the Holiday Inn of Clemson.

The \$11 luncheon will include the meal and a speaker. Door prizes will be awarded.

All proceeds from the luncheon will go to the chapter's scholarship fund. For information and reservations, contact Janice Rogers (656-3996) or Sandra Davis (656-0161).

Graduate school reps to answer questions

As Graduate School Awareness Week approaches on Oct. 15-18, faculty are reminded to encourage students to think of graduate opportunities available in various disciplines.

Representatives from about 50 schools, including Clemson, will answer questions about graduate study on Thursday, Oct. 18, from 10 a.m. to 2:30 p.m. in the Palmetto Ballroom.

For details, contact Farrell Brown (656-3194) in Graduate Studies, Martin Hall.

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Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Oct. 12, for Oct. 24 issue.



Clemson

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INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

State Health Plan adds two new services for women

This year, one in every 10 women will be diagnosed with breast cancer, according to the American Cancer Society. However, breast cancers are nearly 100 percent curable if caught early.

Early detection devices such as mammography can make the difference. Beginning Jan. 1, 1991, the State Health Plan will fully pay for routine mammograms for female employees, retirees and dependents of employees and retirees who are plan members between the ages of 35 and 75.

Under the guidelines of the Mammography Testing Program, if you are between the ages of 35 and 39, one baseline mammogram will be covered during those years. From ages 40 through 49, one routine mammogram every other year will be covered. If you are between the ages of 50 and 74, one routine mammogram a year will be covered.

These guidelines follow those

recommended by the American Cancer Society. In addition, a doctor's referral is not necessary, there are no claim forms to file, and there is no out-of-pocket expense to eligible subscribers.

Participating mammography facilities are listed within the fall 1990 issue of the Insurance Newsletter provided by the state's Division of Insurance Services.

Also new this year is the Pap Smear Program. Covered employees, retirees and dependents of employees and retirees between the ages of 18 and 65 may receive a \$15 benefit each year, before the deductible, for a Pap smear. Eligible participants can choose where to have the Pap smear performed. A claim must be filed for reimbursement as with other medical procedures.

For more information regarding any insurance plan, contact the office of Payroll and Employee Benefits (656-3360) at 224 University Square.

Supplemental life insurance plan available

The State Health Plan is offering a new Optional Supplemental Life Insurance program. Effective Jan. 1, 1991, the new program allows you to select \$15,000 or \$25,000 of life insurance coverage regardless of your salary level. The program also allows you to continue the coverage upon retirement without having to apply for new coverage or showing medical evidence of good health.

At age 70 an active employee's coverage will decrease and a retiree's coverage will end. Premium amounts are based on age and the amount of coverage.

With the plan, which is underwritten by Hartford Life and Accident Insurance Co., there is no cash value or accidental death and dismemberment provision.

Enrollment for the Optional Supplemental Life Insurance program is open until Wednesday, Oct. 31. If you do not enroll before that date, enrollment can be done anytime during the year by providing medical evidence of good health. Medical evidence of good health will also be required if you wish to increase your coverage.

For more information, contact Gail Roberts (656-5597) in the Payroll and Employee Benefits office, 224 University Square.

Families donate \$850,000 to expand telecommunications field

The families of the late Frank S. Barnes (1895-1977), a 1915 graduate in electrical and mechanical engineering, and his brother, the late Ladson A. Barnes (1902-1984), have committed \$850,000 for the University's College of Engineering.

The gift includes \$300,000 to endow a graduate fellowship program, \$300,000 to endow a visiting scholars program, and \$250,000 to create a telecommunications laboratory.

The fellowship program will help recruit academically outstanding

graduate students, who will be called Frank Barnes Fellows, said engineering dean Charles Jennett.

The Frank Barnes Visiting Scholars Endowment will bring to campus experts with national and international reputations in the telecommunications field to work with faculty and students, he said.

The 2,400-square-foot lab, to be named the Frank Barnes Telecommunications Laboratory, will be part of a planned \$18-million engineering

continued on p. 3

FMO working on adapting campus to smoking policy

Adapting campus facilities to reflect the new University smoking policy will be an ongoing project for Facilities Maintenance and Operations, says FMO associate director Gary Pringle.

Removal of freestanding cigarette urns and butt cans will be handled like other FMO maintenance requests.

Removal of built-in ashtrays in corridors and restrooms will be evaluated and scheduled with all other repair requests on campus, said

Pringle. Decisions have yet to be made on how to fund and schedule the work.

Other facility changes, such as requests to label a designated smoking area, will be left up to individual department heads.

"We need everyone's patience in coping with the magnitude of work requested by the policy change," said Pringle. "It's going to take some time."

If you have any questions, contact Pringle at 656-4939.

Anonymous donation brings horse research facility to Clemson

A horse research facility valued at approximately \$250,000 has been donated to the University's animal and veterinary science department. The new facility was offered as a gift-in-kind from an anonymous donor for the purpose of promoting horse research in South Carolina.

The 11,200-square-foot steel building will be built on the University's Horse and Sheep Farm, located off Highway 76 near Tri-County Technical College. It will include 20 portable stalls, a breeding and semen collection area, stocks for ultrasonography examinations on mares, a sample processing room, and a closed circuit television system for the entire building.

"This facility will not only enhance

our ability to continue our current horse research, but also will help to attract outside funds for other research projects on horses," says Tomas Gimenez, an animal scientist who is studying horse reproduction. "It will allow us to improve our service to the state's horse industry."

Construction will begin following a groundbreaking ceremony on Oct. 15 and should be completed by next February. It will be built by the Jimmy George Co. Inc. of Piedmont. The University's agricultural support service will oversee construction.

The University currently owns 98 horses; half are used for research purposes and half are used for teaching.

Despite tight budget year, Innovation Fund continues

In spite of a tight budget for fiscal year '90-91, the Innovation Fund will continue.

The fund was established during fiscal year '89-90 to support innovative initiatives and programs that mutually benefit the applicant and the University. The fund also provides a source of funding for unique ideas that do not have an alternative University funding source.

Faculty and staff may apply for funds by completing an Innovation Fund Application form, available from the Office of Information Management at 114 University Square. The application should include a brief but complete description of the proposed project and a detailed expense budget. Signatures of the applicant and his or her immediate supervisor must accompany the form.

Applications may be submitted at any time. Awards will be made twice each year.

Priority will be given to proposals that support initiatives identified by the Strategic Planning Committee.

For more information, contact the Office of Information Management at 656-0161.

**A
ghostly
good
time is
brewing**



The original silent film classic "Phantom of the Opera" will be shown at 8 p.m., Tuesday and Wednesday, Oct. 30-31, in Tillman Auditorium. An organ accompaniment and "live" ghouls will help set the mood. Admission is \$2 at the door.

CU in the news...

Ornithologist Sid Gauthreaux's research indicating a decline in migratory bird populations was featured in the September 1990 issue of **Environment Magazine**.

Gauthreaux attributes the population decline to loss of habitat, particularly tropical rain forests.

Family donation

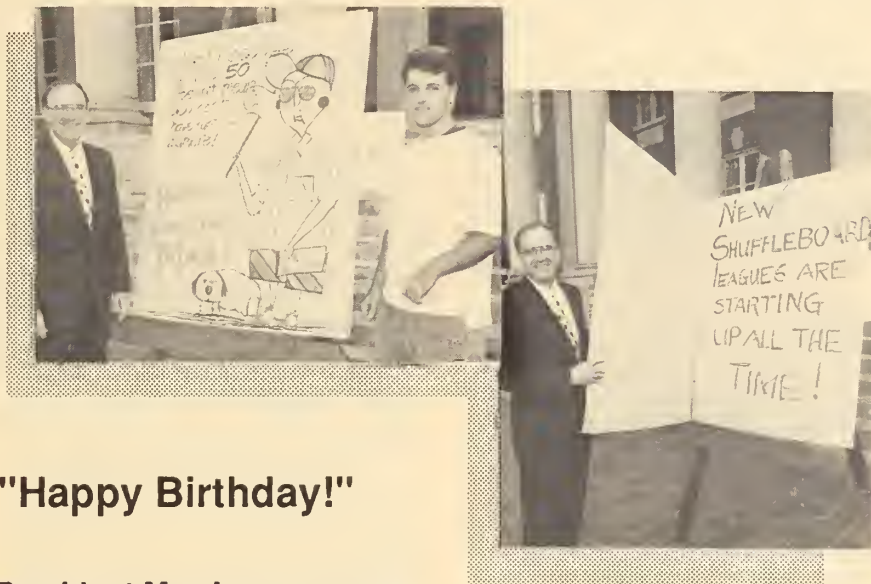
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innovation building and will be used for teaching and research on digital switching systems, fiber optics networks, and computer communications.

"We want Clemson to be a leader in the telecommunications field," said Frank S. Barnes Jr., president of Rock Hill Telephone, a 1942 graduate and a member of the board of directors of the Clemson University Foundation. Other members of the Barnes family participating in the gift include John Barnes and Lad Barnes Jr., graduates of 1945 and 1948, respectively, and Ed Barnes, a 1945 graduate of Georgia Tech who attended Clemson before joining the Navy in 1944.

Frank Jr., John and Ed Barnes are sons of Frank Barnes. Lad Barnes is the son of Ladson A. Barnes.

The gift is part of The Campaign for Clemson, a five-year capital fund drive started in July 1987 by the Clemson University Foundation. The campaign has raised more than \$54 million toward a \$62-million goal.



"Happy Birthday!"

President Max Lennon poses with an oversized birthday card presented by George Dowling, student government member. Lennon turned 50 on Sept. 27.



New Age group to perform

On Saturday, Oct. 20, "Night-noise", a New Age musical group, will perform at 8 p.m. in Tillman Auditorium.

The group combines acoustic instrumentation with state-of-the-art electronic effects.

Admission is \$6 for students and \$8 for adults.

For more information, contact the University Union at 656-2461.

License plates soon to bear tiger paw

South Carolina license tags for motor vehicles will soon be available bearing the Clemson tiger paw, thanks to a yearlong joint effort by the Clemson Alumni Association and the S.C. Department of Highways and Public Transportation.

The special Clemson plate will be available by year's end for \$48, said Debbie DuBose, associate vice president for alumni relations. The University will receive a portion of the sales proceeds—up to \$20 per plate in excess of 2,000 sold—to be used for academic scholarships.

Applications are currently available at the Department of Motor Vehicles field services offices in each South Carolina county. Appli-

cations will be distributed at the Nov. 3 home football game against UNC and will be available at the Alumni Center.

For more information, contact the Alumni Association (656-2345) in the Alumni Center.



The new plates will bear an orange paw, an orange band across the top and a smaller one along the bottom.

Departmental notes

Editor's note: Because of staff changes during the summer, *Clemson Weekly* has a backlog of departmental notes to be published. All notes will be published as soon as space and time permit.

Agricultural Economics and Rural Sociology

H.M. Harris, Jr. (Prof) participated in the annual meeting of the Western Economics Association International in San Diego, Calif., in June, where he discussed a paper on the state of Virginia agricultural economy.

S. Sureshwaran (Lect), C.S. Thompson (Prof), and M.I. Loyd (Prof) published, "Impacts of Alternative Flue-Cured Tobacco Policy Scenarios on the South Carolina Economy," in Current Issues in Tobacco Economics.

Thompson and Sureshwaran presented the following papers at the annual meeting of the Southern Agricultural Economics Association in Little Rock, Ark., in February:

- "Measures of Social Benefits of Eliminating Government Programs for a Commodity with Mandatory Output Control."
- "Effects of Alternative Tobacco Policies on the Financial Performance of Tobacco Farms."

The following papers were presented at the third International Conference on Computer Use in Extension Work held in Orlando, Fla., in February:

- W.A. Tinsley (Prof) and Gregory Bishop (Sci Prgrmr), "Cashweek—A Simple Cash Flow Program."
- W.A. Tinsley (Prof), R.W. Sutton (Prof) and J.H. Christenbury (Prof), "Careers: A Microcomputer Program to Evaluate Lifetime Earnings, Savings and Retirement Benefits."

Agricultural Education

At the 39th Annual Southern Agricultural Education Research Conference in San Antonio, Texas, in March, the following occurred:

- C.D. White, Sr. (Asst Prof) presented: "Inner City High School Students' Perceptions of Career Opportunities in Agriculture."
- White was elected the Southern Region Representative to the AATEA Exchange of Ideas Committee.

• L.H. Blanton, J.A. Hash, R.J. Mercer, G. C. Shinn, and C.D. White participated in the Exchange of Ideas.

Agronomy And Soils

B.J. Gossett (Prof), J.R. Harris (Ag Sci Assoc), J.D. Jones (Former Grad Stu) and J.E. Toler (Exp Stat) published "Cowpea (*Vigna unguiculata*) Control in Soybean (*Glycine max*) with Acifluorfen, Chlorimuron, and Thiameturon" in Weed Technology.

B.R. Smith (Prof) and M.L. Norfleet (Former Grad Stu) published "Weathering and Mineralogical Classification of Selected Soils in the Blue Ridge Mountains of South Carolina" in Soil Science.

Smith (Prof) and R.B. Daniels (Adj Prof) published "Occurrence and Characteristics of Fragipans on the Coastal Plains of the Southeastern United States" in Soil Science.

Smith, V. L. Quisenberry (Prof), C.F. Cothran (Sci Assoc) and C.H. Hamilton (Former Ag Sci Asst) published "Taking a Large Monolith to Use for Teaching Soil Morphology" in J. Agron. Educ.

Halina Skorupska (Assoc Prof) published the following:

- "Genetics and Cytology of the ms6 Male-sterile Soybean" in J. Hered. with R.G. Palmer (USDA-ARS, Iowa St Univ).
- "Embryo Sac Development in the c.v. 'KS' Male-sterile, Female-sterile Line of Soybean (*Glycine max* (L.) Merr.)" in Amer. J. Bot. with R. G. Palmer, R.S. Benevente (Grad Stu, Iowa St Univ) and R.C. Shoemaker (USDA-ARS, Iowa St Univ).

• "Detection of Ribosomal DNA Genes in Soybean by in situ Hybridization" in Genome with R.G. Palmer, M.C. Albertsen and K.D. Langholz.

W.C. Stringer (Assoc Prof), D.P. Belesky (USDA, Beckley, WV), and N.S. Hill (Univ of Ga) published "Influence of Endophyte and Water Regime Upon Tall Fescue Accessions. I. Growth Characteristics" in Annals of Botany.

Stringer, Belesky, and R.D. Plattner (USDA, Beckley, WV) published "Influence of Endophyte and Water Regime Upon Tall Fescue Accessions. II. Pyrrolizidine and Ergopeptine Alkaloids" in Annals of Botany.

Bioengineering

Andreas F. von Recum (Prof, Dept Hd) was awarded the Humboldt Research Award entitling him to carry out research of his choice at the University of Tubingen in West Germany.

Chemical Engineering

At the Society of Plastics Engineers Annual Technical Conference ANTEC '90 in Dallas, Texas, in May, the following papers were presented:

• Nick Crowder (Grad Asst) presented "Effect of Dissolved Atmospheric Gases on Rheology of Polystyrene," co-authored by E. R. Moore of Dow Chemical and Amod A. Ogale (Asst Prof).

• Ogale presented "Residual Damage Tolerance of Thermoplastics/Composites," co-authored by Ahsay Dani (Grad Asst).

At the American Institute of Chemical Engineers Spring National Meeting in Orlando, Fla., the following occurred:

• Mark C. Thies (Assoc Prof) and Carl T. Lira (Mich St Univ) organized the Featured Symposium on Supercritical Fluids.

• Thies chaired the session "Phase Equilibria and Supercritical Fluids."

• Thies presented "Fluid-Phase Equilibria for Biocompound-Water Mixtures at Elevated Temperatures and Pressures," co-authored by J. Briones (Grad Stu) and J. Mullins (Prof), and "Fractionation of Petroleum Pitch by Supercritical Fluid Extraction," co-authored by K. Hutchenson (Grad Stu) and J. Roebbers (Grad Stu).

Chemistry

R.A. Abramovitch (Prof), M. Konieczny (Res Assoc), W. Pennington (Dir, Crystallography Lab), S. Kanamathareddy (Res Assoc), and Vedachalam (Res Assoc) published "2-Azidoallylphosphonates: Synthesis and Application to Formation of 4-Amino-2-ethoxy-1,2-oxaphosphol-3-ene 2-Oxides" in J. Chem. Soc., Chem. Communications.

M.K. Dill (Assoc Prof) presented "Multinuclear NMR Studies of the Structure and Solution Dynamics of Oligosaccharides and Glycoproteins" at the 13th French Glycoside/1st Mediterranean Conference on Carbohydrates held in Avignon, France, in May.

Civil Engineering

Russell H. Brown (Prof, Dept Hd) was honored by the American Society for Testing and Materials as co-recipient of the Alan H. Yorkdale Memorial Award for 1989.

At the 5th North American Masonry Conference at the University of Illinois, in June, the following occurred:

• S.C. Anand (Prof) presented "Interface Behavior in Concrete Block Mortar Joints: A Comparison of Analytical

and Experimental Results," and "Some Problems in Estimating Peak Shear Stresses in Collar Joints of Composite Masonry Walls," co-authored with M.A. Rahman (Former Grad Asst).

- Anand co-chaired a technical session.

- Brown presented the results of the NSF Workshop on research needs in masonry and co-chaired a technical session.

- Brown co-authored a poster session on "Materials Models," with Ahmed Hamid (Drexel Univ) and served on a panel discussion on "New Directions in Limit State Design of Masonry in the USA."

Computer Science

T.D. Korson (Asst Prof) presented "Introducing Ada as a New Language in a Software Engineering Course" at the 8th Annual National Conference on Ada Technology in Atlanta, Ga., in March.

A.J. Offutt (Asst Prof) presented "The Coupling Effect: Fact or Fiction?" at the ACM Sigsoft 89 Third Symposium on Software Testing, Analysis, and Verification in Key West, Fla., in December.

E.W. Page (Prof) and G.A. Tagliarini (Vstg Asst Prof) gave the short course "Neural Computation" at the Alcoa Research Center in Pittsburgh, Pa., in March.

J.C. Peck (Prof) presented "Analysis of Distributed Join Algorithms," co-authored by Satish Dharmaraj (Grad Asst) at the DMCC '90 Conference in Charleston in April.

D.E. Stevenson (Assoc Prof) presented "Computational Science at Clemson" at Benedict College in Columbia in April and at the South Carolina Head of Sciences meeting in Charleston in March.

At the Defense Logistic Agency Conference in Philadelphia, Pa., in February, the following occurred:

- A.W. Madison (Assoc Prof) presented "A Distributed Operating System For Apparel Manufacturing" and "Apparel Manufacturing Information System," authored by H.C. Grossman (Assoc Prof).

- R.P. Pargas (Assoc Prof) presented "Look-Ahead Simulation of Shop Floor Operations," co-authored by J.C. Peck (Prof) and L.M. Delcambre.

- J.C. Peck (Prof) presented "Cost/Benefit Analysis of Ergonomically Designed Chairs Using Real-Time Data" and "An Automated Guided Vehicle Tool for Program Development."

At the 21st S.E. Conference on Combinatorics, Graph Theory, and

Computing held in Boca Raton, Fla., in February, the following occurred:

- S.T. Hedetniemi (Prof) presented "Private Domination: Theory and Algorithms," co-authored by D. P. Jacobs (Asst Prof).

- D.P. Jacobs (Asst Prof) presented "Proofs for Non-identities Using Characteristic Functions."

Cooperative Education

David Scherrep (Assoc Dir) was elected president of the South Carolina Co-Op and Placement Association for 1990-91.

English

Carol Johnston (Assoc Prof) received a 1990 NEH Summer Stipend for her work on The Journals of Theodore Parker.

Johnston presented "The Calendar Structure of Leaves of Grass" at the annual meeting of The Philological Association of the Carolinas in Myrtle Beach, in March.

Johnston attended the Board of Directors meeting of the Thomas Wolfe Society in Richmond, Va., in May.

Johnston presented "Thomas Wolfe in the Academic Community" at the annual conference of the American Literature Association in San Diego, Calif., in June.

R.W. Moran (Prof, Asst Dean) published "Arnold" and "Dr. Clark and Billy Banks" in Northeast.

Moran published a review of Louis Simpson's Collected Poems in South Carolina Review.

Entomology

Clyde S. Gorsuch (Prof) was presented the 1990 Master Extension Teacher Award by the Clemson University Cooperative Extension Specialists' Association at its annual meeting in May.

S.B. Hays (Prof, Dept Hd) presented the following:

- "Imported Fire Ants and Africanized Bees" to biology classes at Shorter College in Rome, Ga., in January.

- "Status of Research on the Imported Fire Ant" to the American Farm Bureau Federation meeting in Charleston in March.

- "Graduate Study in Entomology at Clemson University" to biology students at Newberry College in April.

J.C. Morse (prof) published "Nyctiophylax barrorum (Trichoptera: Polycentropodidae), a new species from Alabama" in the Journal of the Kansas Entomological Society.

Environmental Systems Engineering

H.G. Chong (Former Grad Asst) and T.J. Overcamp (Prof) presented "Modeling Collection Efficiency in Venturi Scrubbers" at the 83rd annual meeting of the Air and Waste Management Association in Pittsburgh, Pa., in June.

Forest Resources

J.C. Jang (Grad Asst) and F.H. Tainter published "Hyphal growth of Phytophthora cinnamomi on pine callus tissue" in Plant Cell Reports.

L.R. Nelson (Asst Prof) and P.M. Dougherty (Univ of Ga) published "Herbaceous Weed Control, Rx for Problem Weed Species" in Forest Farmer. Nelson and T.O. Adams (Grad Asst) published "Directory of Certified Forestry Herbicide Applicators for South Carolina," Clemson University Extension Circular.

Food Science

B.M. Bowie (Former Grad Stu), R.L. Dick (Res Spec) and J.C. Acton (Prof) published "Composition and Color Alteration of Small Strips of Poultry Dark Meat" in Journal of Muscle Foods.

M.J. Rosinski (Former Grad Stu), C. R. Barmore (Adj Prof), W.C. Bridges, Jr. (Exp Stat), R.L. Dick (Res Spec) and J.C. Acton (Prof) published "Phosphate Type and Salt Concentration Effects on Shear Strength of and Packaging Film Adhesion to Processed Meat from a Cook-in Packaging System" in Journal of Food Science.



Commission on Classified Staff Affairs

Ben Morton is a representative for Agriculture and Natural Resources.

He is an agricultural science associate and can be found in room 212 in Poole Agricultural Center.

"The Staff Commission is a channel for classified staff to communicate. It's important to continue improving that communication. That's why I serve on the commission." --Ben Morton

T.W. DeMasi (Former Grad Stu), L.W. Grimes (Expt Stat), R.L. Dick (Res Spec) and J.C. Acton (Prof) published "Nitrosoheme Pigment Formation and Light Effects on Color Properties of Semidry, Nonfermented and Fermented Sausages" in Journal of Food Protection.

Forest Resources

David N.S. Hon (Prof) published "Cellulose: Chemistry and Technology", in Concise Encyclopedia of Wood-Based Materials.

History

Richard M. Golden (Prof) reviewed Jeffrey Burton Russell's Mephistopheles: The Devil in the Modern World in Religious Studies Review.

Golden was the commentator of the session "Images and Narrative in Seventeenth Century Political Thought" at the annual conference of the Society for French Historical Studies in Columbus, Ohio, in March.

Thomas Kuehn (Assoc Prof) reviewed Renata Ago's "Un feudo esemplare" in American Historical Review.

Edwin E. Moise (Prof) presented "Limited War" at the annual meeting of the Association for Asian Studies in Chicago in April.

Moise reviewed Anthony Joe's "The War for South Vietnam, 1954-1975" in The Journal of Asian Studies.

Jerome V. Reel, Jr. (Prof, V Prvst) reviewed Robert J. Goldstein's Political Censorship of the Arts and Press in 19th Century Europe in the Opera Journal.

Industrial Engineering

Bevlee A. Watford (Assoc Prof) attended a workshop on Computer Integrated Manufacturing (CIM) sponsored by the University of Missouri-Rolla and the National Science Foundation in June.

Languages

Methchild Cranston (Prof) was elected to the following:

- Chair of the French III Section at the meeting of the South Atlantic Modern Language Association in Atlanta in November.
- Editorial board of the South Atlantic Review.

Review.

Cranston published the following reviews in World Literature Today:

- Paul Valet's Multiphages.
- Max Rouquette's Le tourment de la licorne.
- Benoit Conort's Pour une ile a venir.

- Jacqueline Risset's L'amour de loin.
- Daniel Racine's Saint-John Perse. L'obscur naissance de langage.
- Michael Bishop's Michel Deguy.
- Silvia Baron Supervielle's Lectures du vent.
- Leon-Gabriel Gros' Poetes contemporains.

Management

Larry LaForge (Prof) received the 1989-90 Member of the Year Award from the Industrial Crescent Chapter, in Greenville, of the American Production and Inventory Control Society.

Astrid Lipp (Lect) presented "The Evolution of Questions in Successive Versions of a Real Estate Disposition Expert System" co-authored by Hugh Nourse, Robert P. Bostrom and Hugh Watson (all of Univ of Ga) at the Conference on Question Generation and Applications to Information Systems at Oakland University in Rochester, Mich., in June.

At the Fourth International Conference on Expert Systems in Production and Operations Management at Hilton Head, in May, the following occurred:

- John J. Kanet (Prof) organized the panel session "Intelligent Shop Scheduling and Control."
- Kanet participated in a session entitled "Manufacturing Planning and Control Systems: Past, Present, and Future."

Thomas W. Zimmerer (Prof), Mahmoud M. Yasin and Ronald F. Green (Tenn Univ) published "An Empirical Cross-Cultural Investigation of Executive Courage: The Arab vs. The American Business Culture" in the proceedings of the International Academy of Management and Marketing.

Zimmerer published "Cultural Values as Determinants of Executive Attitudes on Decision Making: An Empirical Evaluation", co-authored by Mahmoud M. Yasin and Ronald F. Green (both of Tenn St Univ) in the International Journal of Value-Based Management.

Zimmerer presented "The Role of the University in Private Research and Product Development" and "Strategic Planning for the Portfolio Company—Before and After the Investment" to the Southern Regional Association of Small Business Investment Companies in March.

Marketing

Stephen J. Grove (Assoc Prof) and Mary C. LaForge (Assoc Prof) published "Sport as an Advertising Theme to Market Collegians: A Cross Cultural Analysis" in

the Journal of International Consumer Marketing.

Mechanical Engineering

James G. Goree (Prof) published "Effects of Interleaves on Fracture of Laminated Composites: Part I-Analysis" and "Effects of Interleaves on Fracture of Laminated Composites: Part II-Solution and Results" in Journal of Applied Mechanics with A.K. Kaw (Univ of South Fla), in March.

Frank W. Paul (Prof) attended the 1990 Japan Industrial Apparel Machinery exhibition and seminar and visited JUKI Research and Development Laboratories in Tokyo, Japan, in May.

Nursing

S. Barger (Assoc Prof) published "Academic Nursing Centers: An Assessment After a Decade" in Nursing Centers: Meeting the Demand for Quality Health Care.

Barger presented "A Determination of Stress and Risk Factors for Cardiovascular Disease in a Rural Population" at the American Public Health Association meeting in Chicago in October.

Mary de Chesnay (Prof) presented "Interdisciplinary Efforts to Prosecute and Treat Child Sexual Abuse" at the Society for Applied Anthropology in York, England, in March.

de Chesnay presented "The Samfie Man: Sexual Invitation and Innuendo in Fieldwork" and moderated a symposium on Qualitative Issues at the Southern Nursing Research Society meeting in Orlando, Fla., in February.

de Chesnay published the following:

- "Child Sexual Abuse: An Overview of Research" in Child Sexual Abuse: An

To submit departmental notes:

All departmental notes, complete with department head and college dean signatures, should be submitted on proper forms to the vice provost for undergraduate studies, Jerry Reel. Departmental notes must be approved by that office prior to publication.

For copies of the form and more information, contact Ruth Brock (656-3022) in the vice provost's office.

Healthcheck



Aerobic exercise is one of the best ways to improve your health. And brisk walking is an excellent form of aerobic exercise.

Walk at least three times a week. If you can walk more often, that's even better.

Check with your doctor before you begin a walking program and then start slowly.

- Start with 5 minutes at a slow pace to warm up.
- Next, give yourself a brief walking workout with 5 minutes of brisk walking.

• Finish with 5 minutes at a slowed pace to cool down.

• Add 2 minutes to the brisk part of your walk every week.

You'll be surprised at how quickly your walking program becomes a regular part of your day—and at how much you look forward to it.

Put on those walking shoes and get ready to feel better.

(Source: The National Heart, Lung and Blood Institute, 1990.)

Interdisciplinary Approach.

- "Child Sexual Abuse as an International Health Problem" in International Nursing Review.

P.H. Cummings (Assoc Prof) published "Men in Nursing: A Challenge in Recruitment" in The College Digest Schools of Nursing.

Nancy Meehan Longcrier (Asst Prof) completed an intensive technology program sponsored by hospital software companies HealthQuest and HBO & Co., in March.

Jeri Milstead (Asst Prof) presented the following:

- "Legal/Ethical Issues in Nursing in South Carolina" at the South Carolina Student Nurses Association meeting at Myrtle Beach in February.

• "Third Party Reimbursement" at the SC Nurse's Association Legislative Workday in Columbia in March.

- "Current Legislative Issues in South Carolina" for the SC Nurses Association-Appalachian District in Greenville in March.

• "Staff Nurse Conference—the Policy Process" for Clemson University Continuing Education in Greenville in September.

Rosanne Pruitt (Asst Prof) presented the following:

- "Health Promotion Research in the Army's Pentagon Fit-to-Win Program" at Walter Reed Army Medical Center in Washington, DC, in June.

• "Effectiveness and Cost Efficiency of Interventions in Health Promotion" at the Sigma Theta Tau International meeting at Indianapolis, Ind., in November.

Sharon W. Thompson (Asst Prof)

published Emergency Care of Children.

Thompson presented the following at the Fourth Annual Nursing Research Day at Lander College in Greenwood in March:

- "Facilitating Emotional and Psychological Support of the Child and Family."

• "Children with Multiple Trauma: After Airway, Breathing and Circulation, Then What?"

Parks Recreation and Tourism Management

G.W. Burnett and Muzaffer Uysal (Assoc Prof) published "On the Nature of Peace in Relationship to Tourism: Three Cases" in The Tourist Review.

G.W. Burnett was an invited delegate in the James E. Smith Midwest World Affairs Conference at Kearney State College in Kearney, Neb., in April.

M. Uysal and P. Maguire (Central Wash Univ) published "Tourism Supplies: A U.S. Perspective" in Tourist Review.

At the Third Trends Symposium in Indiana, the following occurred:

- M. Uysal, S. Backman (Asst Prof), K. Backman (RRDI) and U. Jamroz (Grad Stu) presented "An Extension and Replication of Regional Analysis of Tourism Resources in SC."

• M. Uysal, G. McLellan (Asst Prof) and J. Syme presented "Trends in Private Sector Outdoor Recreation: A Strategic Planning Approach."

• M. Uysal presented "International Tourism on U.S. Public Lands: Trends and Implications."

Uysal, C.D. McDonald (Assoc Prof) and L. Reid (Ph.D. Stu) published "Sources of Information Used by Visitors to U.S.

Parks and Natural Areas" in Journal of Park and Recreation Administration.

Performing Arts

Daniel Rash (Asst Prof) published an edited performance score of Jacob Handl's triple chorus Latin motet "Tribus miraculis ornatum diem."

Rash was an adjudicator for choral festivals at Six Flags Over Georgia, Six Flags Over Texas and Sandy Lake Amusement Park in Dallas, Texas.

Philosophy and Religion

Charles H. Lippy (Prof) served as general program chair for the annual meeting of the American Academy of Religion, Southeast Region, in Charlotte, N.C., in March.

Physics and Astronomy

A.L. Laskar (Prof) published "Defect Properties and Their Transport on Silver Halides," in the Journal of Imaging Science with co-authors G.A. Popson, M.K. Stanley, and B. Finkernagel, (Former Graduate Assistants).

John R. Ray (Prof) presented the "Phase Transformations and Polytropy in AgI" at the Workshop on Electric Structure at Ohio State University in May.

Ray and C.J. Tymczak (Former Grad Asst) published "Interface Response Function for a Model of Sodium: A Molecular Dynamics Study" in the Journal of Chemical Physics.

Plant Pathology and Physiology

L.W. Baxter (Prof), G.C. Kingsland (Prof) and S.B. Segars (Ag Sci Assoc) published "Ginkgo biloba Susceptible to Calonectria crotalariae" in Phytopathology.

R.A. Haygood (Assoc Prof) and A.R. Mazur (Prof) published "Evaluation of



Parking reminder:

Appeal procedures are available to employees who feel they have been unjustly fined for a parking violation. Contact the Parking and Vehicle Registration Office at 228 University Square or call 656-2270 for more information.

Gliocladium virens as a Biocontrol Agent of Dollar Spot on Bermudagrass" in *Phytopathology*.

Political Science

Charles W. Dunn (Prof, Dept Hd) participated in the following:

- The Seventeenth Western European Conference of Fulbright Commission Directors in Amsterdam, The Netherlands, in May, where he delivered the official

conference dinner address, "Putting the Fulbright Program on the Bush Agenda."

- The State Government Reorganization Commission, to which he was appointed by Governor Carroll Campbell.
- The first meeting of the United States and Canada Binational Educational Foundation in Ottawa, Canada, in May, at which he spoke and chaired the meeting.

University Professors. 4 p.m., Hunter Auditorium, Hunter Laboratory.

(Eleanor Hare, 656-3444)

—Soccer: College of Charleston. 7 p.m., Riggs Field.

Thursday, Oct. 25

—Volleyball: UNC-Charlotte 7 p.m., Jervey Gym.

—Lyle Lovett, country music concert. 8 p.m., Tillman Hall Auditorium, \$15 reserved seating. (University Union, 656-5815)

Thursday, Oct. 25-Saturday, Oct. 27

—"Dick Tracy." University Union movie. 7 & 9:15 p.m., Y-Theatre, \$1.75.

Friday, Oct. 26

—Volleyball: North Carolina. 7 p.m., Jervey Gym.

Saturday, Oct. 27

—Volleyball: Maryland. 7 p.m., Jervey Gym.

Sunday, Oct. 28

—"Creepshow." University Union movie. 7 & 9:15 p.m., Y-Theatre, FREE.

—Soccer. Virginia. 2 p.m., Riggs Field.

Monday, Oct. 29-Tuesday, Oct. 30

—Workshop: "Communication Across the Curriculum." Introductory workshop, Monday, Oct. 29, advanced workshop, Tuesday, Oct. 30. Camp Hope, Outdoor Lab. (Carl Lovitt, Department of English, 656-5418)

Tuesday, Oct. 30

—"Why Graduate School?" A national interactive video conference offering information, advice and encouragement to those considering graduate school in science or engineering. Daniel Hall, FREE. (Janna Gower, News Services, 656-2200)

Tuesday, Oct. 30-Wednesday, Oct. 31

—"Phantom of the Opera." Original silent film classic with theatre organ accompaniment and "live ghouls." 8 p.m., Tillman Auditorium, \$2 at the door.

Dates to remember:

Saturday, Oct. 20

—"Cinderella." University Union movie. 1 p.m., Y-Theatre, \$1.

—Performing Artist Series: "Nightnoise." Tillman Hall Auditorium, 8 p.m., students and senior citizens \$6, adults \$8.

Sunday, Oct. 21

—"Blazing Saddles." University Union movie. 7 & 9:15 p.m., Y-Theatre, FREE.

—Soccer: Maryland. 2 p.m., Riggs Field.

Monday, Oct. 22

—The London Brass, part of the concert series. 8 p.m., Tillman Hall Auditorium, Students FREE, adults \$7.

Tuesday, Oct. 23-Wednesday, Oct. 24

—Inventors Expo. Held in conjunction with the Carolina Trade Fair. 9 a.m.-5 p.m., Palmetto

International Exposition Center, Greenville. (Emerging Technology Center, Tom Zimmerer, 656-4237)

Tuesday, Oct. 23-Thursday, Oct. 25

—Seminar: "Design of Industrial Electrical Power Systems." Student Senate Chambers. (Continuing Engineering Education, 656-3308)

Wednesday, Oct. 24-Thursday, Oct. 25

—InfoExpo. A demonstration of the online information sources and national and international networking services available through University Libraries and the Computer Center. (Cooper Library, Martha Lyle, 656-5185)

Wednesday, Oct. 24

—"Heads or Chairs?" panel discussion on the department head vs. the department chair controversy. Sponsored by the Clemson Chapter of the American Association of

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Oct. 19, for Oct. 31 issue.



Clemson

WEEKLY

Vol. 30, No. 12

Wednesday, Oct. 24, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Freshman enrollment down, SAT averages up

This year's freshman enrollment is the smallest at Clemson since 1986, and the class boasts the highest SAT average of any class to date. According to the admissions office, the average SAT score of this year's entering freshmen is 1,035, above the 1988 record of 1,032.

Of the 7,619 individuals who applied to Clemson, 75 percent of the in-state applicants and 62 percent of the out-of-state applicants were accepted. Of the 2,513 freshmen enrolled this fall, South Carolinians make up 68 percent of the class. The remaining 32 percent come from 33 states, the District of Columbia and eight foreign countries.

For the first time in Clemson history, minority enrollment in the freshman class reached 10 percent.

Clemson's final fall enrollment figures show a record 16,303 students, including 13,010 undergraduates and 3,293 graduate stu-

dents. These totals include on-campus and off-campus figures.

In the graduate school, 2,756 students are working on master's degrees, 517 on doctorates and 20 on education specialist degrees.

Following is a list of admissions activity by college for this year's freshman class.

| College | % Accepted | Number Enrolled | Average SAT |
|-----------------------------------|------------|-----------------|-------------|
| Undeclared | | | |
| In-state | 75% | - | - |
| Out-of-state | 24% | - | - |
| Total | 42% | - | - |
| Agricultural Sci | | | |
| In-state | 72% | 122 | 921 |
| Out-of-state | 63% | 29 | 987 |
| Total | 69% | 151 | 934 |
| Architecture | | | |
| In-State | 60% | 58 | 1133 |
| Out-of-state | 38% | 38 | 1127 |
| Total | 45% | 96 | 1131 |
| Commerce & Industry | | | |
| In-state | 70% | 290 | 996 |
| Out-of-state | 61% | 193 | 1036 |
| Total | 65% | 483 | 1012 |
| Education | | | |
| In-State | 71% | 189 | 981 |
| Out-of-state | 54% | 53 | 1017 |
| Total | 65% | 242 | 989 |
| Engineering | | | |
| In-state | 88% | 543 | 1074 |
| Out-of-state | 81% | 183 | 1114 |
| Total | 85% | 726 | 1084 |
| Forest & Rec Resources | | | |
| In-state | 67% | 52 | 908 |
| Out-of-state | 53% | 22 | 928 |
| Total | 62% | 74 | 914 |
| Liberal Arts | | | |
| In-state | 68% | 165 | 1025 |
| Out-of-state | 58% | 185 | 1051 |
| Total | 61% | 350 | 1038 |
| Nursing | | | |
| In-state | 79% | 56 | 912 |
| Out-of-state | 78% | 20 | 992 |
| Total | 79% | 76 | 933 |
| Sciences | | | |
| In-state | 77% | 226 | 1051 |
| Out-of-state | 65% | 89 | 1087 |
| Total | 71% | 315 | 1061 |

Olive named a top academic advisor in nation

Clemson education professor Ed Olive has been chosen as one of the year's top academic advisors in the nation by the American College Testing/ National Academic Advising Association's national recognition program.

Olive will receive a 1990 Certificate of Merit during an Oct. 17 awards ceremony at the organization's conference in Anaheim, Calif., for his "consistent qualities associated with the outstanding advising of students."

During his 19 years as the sole advisor for the College of Education's English education and language students, Olive has had a perfect graduation rate among his students. His advising duties are in addition to his full-time teaching load.

A 1949 graduate of Louisiana Tech with a bachelor's degree in English education, Olive earned his master's degree in administration/supervision from Louisiana State University in 1954 and spent the next 14 years as a teacher and administrator in public schools.

He came to Clemson as an assistant professor in 1971 after earning his doctorate in education from Auburn University. He was promoted to associate professor in 1973 and became a full professor in 1980.

Bookstore improving textbook ordering process

In an effort to clear up textbook ordering difficulties, the University Bookstore is replacing its present computer system with one dedicated to textbook ordering and information maintenance.

The new system will allow the Bookstore to simplify the ordering process for faculty, maintain accurate information and inventory control, and improve the ability to provide information to faculty and students, said Tony Craft, Bookstore director.

It will be enhanced with a "Pub Net" program, which will tie in directly with publishers' computer systems, speeding up ordering time.

Order accuracy will also improve since the information will have to be keyed in only once, at the Bookstore, and not again when it reaches the publisher, said Craft.

"The present system simply cannot be expanded adequately to handle our present and future needs," said Craft. "Once implemented, we expect the new system to greatly increase the efficiency of the textbook department."

A deadline has not yet been set for having the total system operational; however, part of the system is already in place.

Teaching award honors M.T. Haque

Horticulturist Mary Taylor Haque has won the Teaching Award of Merit given to a Clemson faculty member by the National Association of Colleges and Teachers of Agriculture.

Haque, a native of Columbia, received her bachelor's degree from Sweet Briar College and her master's degree in landscape architecture from North Carolina State University.

Winner of several outstanding

teacher honors within the University, she also received the 1988 Outstanding Undergraduate Educator Award, a national lifetime achievement award given by the American Society for Horticultural Science.

The latest award of merit is given for excellence in teaching, including areas such as innovation, vision, communication skill and student mastery of the subject.

Motor Pool receives outstanding award for third consecutive year

For the third consecutive year, the University Motor Pool was recognized as an outstanding state maintenance facility, the only motor pool to receive the award three years in a row.

Only four of approximately 90 motor pool facilities were recognized by the State Budget and Control Board as outstanding state maintenance facilities.

The shop is required to meet all occupational safety and health administration standards, maintain special automotive equipment and provide continuous training opportunities for technicians. The award is given for exceptional professional efforts in these categories.

Challenge your creativity and win \$50

A \$50 prize will be awarded to the person who comes up with the most creative and appropriate new name for the Union games area.

Send your ideas to: Name Contest, University Union. Entry deadline is Wednesday, Oct. 31, and must include your name and phone

Dial-A-Job can work you into a new position

If you're interested in a new position at Clemson, Dial-A-Job can provide you with information about classified staff positions that are available on campus. The phone line lists the job title, classification and a brief description.

The University Personnel Employment Unit provides this information to you 24 hours a day, seven days a week, through three Dial-A-Job phone lines.

The Dial-A-Job numbers are: Anderson County: 646-9405; Pickens County: 868-2324; Oconee County: 882-9568.

If you are interested in a particular position, contact the University Personnel Employment Unit (656-3361) at 106 University Square.

Applications are accepted Monday through Friday from 8 a.m. to 12 p.m. and 1 p.m. to 4:30 p.m.

Get a look at your benefits next week

If you're interested in seeing what benefits and services are available to you through the University, don't forget to attend the Benefits Fair Tuesday, Oct. 30, and Wednesday, Oct. 31, at Littlejohn Coliseum.

Sponsored by the payroll/benefits office and personnel services, the fair will provide opportunities to talk with various on- and off-campus groups. Hours are 10 a.m. to 6 p.m. on Tuesday and 8 a.m. to 3 p.m. on Wednesday.

For details, call the payroll/benefits office at 656-2000 or personnel services at 656-2426.

number.

For more information, contact the games area (656-5823) in the University Union.

Employee Awards

The fourth annual Business and Finance Awards Luncheon was held Sept. 5 to recognize exempt and non-exempt employees of the month for the past year.

Winners are nominated from their departments through the appropriate associate vice presidents. Final selection is determined by the vice president for business and finance and is based on outstanding service to the University and recommendations from department directors.

Non-exempt employee winners include:

September 1989

Freddie Harbin
Dana Irvin
Janice Weaver
Gale Whitmire

October 1989

Debbie Crowe
Norman Durham
James Sadler
FMO Plumbing Shop:
George Cantrell
Frank Crane
Allen Garrett
Tom Roach
Jerry Whitmire
Wayne Wilson

November 1989

Faith Bernards
Cindy Hadlock
Maribeth Sweet
Payroll/Benefits Staff:
Dot Dillard
Brenda Hall
Sandra Hawkins
Carl Henson
Ron Herrin
Marijo Lamb
Mary Lee
Nancy McConnell
Doris McIntire
Kathey Ricketts
Gail Roberts
Sandra Williams
John Zeigler

December 1989

Mary Jane Arrowood

Florine Grant

Sheri Mosso
Hattie Reid
Debbie Smith
Annie Woody

January 1990

Marcella Jordan
Sally Link
Annie Walker
FMO Electrical Crew:
John Evans
Harold Mason
Mike Waldrip
Hugh Williamson
Paul Winter

February 1990

Joann Daugherty
Jeanelle Gibson
Bruce Goss
Susan Roper

March 1990

Kathy Connor
Brenda Norris
FMO Survey Team:
Eugene Callahan
Wayne Putnam
Michael Smith

April 1990

Sam Phillips
Marla Thomas

May 1990

Devone Felty
Martha Pace

June 1990

Linda Gilbert
Nancy Harshman
FMO Concrete Crew:
Ray Addis
Rickie Autry
Mike Barber
Robert Bogan
Samuel Bond
Harold Duncan
Charles Ellington
Willie Galloway
Russell Garrett
Ervin Johnson
Charles Poole
Charles Towe
Charles Williams
Steve Wilson

July 1990

Mary Jo Craig
Fred DePalma
Carolyn Smith
Gale Whitmire

August 1990

Bertie Butts
Carolyn Gowens
Annie Walker
FMO Plumbing Shop:
Chris Evatt
Allen Garrett
Ronnie Hood
Ronald Lyda
Frank McAlister
Tom Roach
Marshall Simmons
Jay Whitmire
Wayne Wilson

Exempt employee winners include:

Fall 1989

Cheryl Dean
Dick Simmons
Jacqui Stephens

Spring 1990

Walt Berry
Tony Craft
Pat Crowther
Paul Storey

President's Luncheon honors employee accomplishments

University employees were honored at a President's Luncheon Sept. 3 for their accomplishments in the University's Adult Literacy project.

Employees recognized for their participation in the project include: Bertie Butts, Ronald Felty, Mary Ann Fruster, Annie Gibson, Doris Johnson, Ed Malone, Carolyn Merck, Barbara Owens, Susie Reese, Hattie Reid, James Sadler, Mary Whitner and Steve Wilson.

The University's Adult Literacy project includes the GED program

begun in 1987 and added the PALS (Principles of Alphabet Literacy) program begun in 1989.

The two programs are open to all University employees with less than a high school education. The University allows participating employees time away from their jobs.

At present, 35 employees are participating in the project. Twelve employees have earned their GED, and eight have risen at least three grade levels in standardized testing.



Pictured here with President Lennon, University employees proudly display certificates of participation in the University's GED and PALS programs.

Dates to remember:

Friday, Oct. 26

- Seminar: "Female Reproductive Strategies: A Comparison of Primate Species Including Homo Sapiens." Ecology Seminar Series. 12:20 p.m., Jordan Room, Jordan Hall. (656-2328)
- Volleyball: North Carolina. 7 p.m., Jervey Gym. (656-2101)
- "Positive Assertive Skills" training workshop. 9 a.m.-4 p.m., Poole Room, Clemson House. (656-2727)
- Basic ISPF short course. 10-11:30 a.m., 111 Daniel Hall. (656-3494)

Saturday, Oct. 27

- Volleyball: Maryland. 7 p.m., Jervey Gym. (656-2101)

Sunday, Oct. 28

- Soccer: Virginia. 2 p.m., Riggs Field. (656-2101)

Monday, Oct. 29-Tuesday, Oct. 30

- Workshop: "Communication Across the Curriculum." Camp Hope, 8:30 a.m.-5 p.m. Introductory, Oct. 29; advanced, Oct. 30. (656-5418)

Tuesday, Oct. 30

- "Why Graduate School?" A national interactive video conference offering information, advice and encouragement to those considering graduate school in science or engineering. Daniel Hall, FREE.

Tuesday, Oct. 30-Wednesday, Oct. 31

- "Phantom of the Opera." Original silent film classic with theatre organ accompaniment and "live" ghouls. 8 p.m., Tillman Auditorium, \$2 at the door. (656-3043)
- Benefits Fair. 10 a.m.-6 p.m., Tuesday; 8 a.m.-3 p.m., Wednesday, Littlejohn Coliseum. (656-2000)

Friday, Nov. 2

- Seminar: "Dominica From a Botanist's Perspective." Ecology Seminar Series. 12:30 p.m., Jordan Room, Jordan Hall. (656-2328)

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Editor.....Debra Andrews

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DEADLINE is FRIDAY, Oct. 26, for Nov. 14 issue.

Clemson

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Wednesday, Oct. 31, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Tree flagging system created to quell removal concerns, says University arborist

Because of some recent debates regarding tree removal on campus, the University has established a flagging system to identify trees that

are scheduled for removal. Effective immediately, red flags will be used to tag trees in order to allow passersby to examine the situation before the

removal process begins, says University arborist Bob Shaw.

"We're doing this to allow individuals with

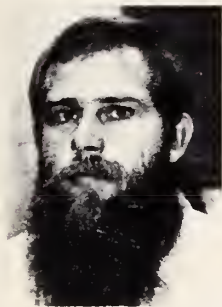
concerns the opportunity to have their questions answered," Shaw says.

He says the majority of trees scheduled for removal have become safety hazards due to lightning strikes, maintenance problems, construction work or squirrel damage.

"My job is to protect and maintain trees on campus. We'd much rather keep the trees than have to remove them. If anyone has ever seen the removal process, they know that it is a very dangerous job," says Shaw.

As arborist, Shaw generally

continued on p. 3



My job is to protect and maintain trees on campus. We'd much rather keep the trees than have to remove them."

--Bob Shaw, University arborist

Poultry Center employee's son is first to receive Staff Commission scholarship

The Commission on Classified Staff Affairs awarded its first \$1,000 scholarship this fall.

Jason Mosley, a freshman in the College of Engineering, was the recipient.

Jason's mother, Carol Foster-Mosley, is an agricultural supervisor at the University's Morgan Poultry Center.

"We were so excited when we found out," said Foster-Mosley. "Jason wouldn't have been able to attend college without the scholarship. We just couldn't afford it."

Jason graduated in May from Pendleton High School, where he was an honor student. He hopes to become an electrical engineer.

Each year the scholarship is awarded to the child of a University full-time, classified staff employee. It is based on financial need. Monies for

the scholarship come from gifts donated by University employees.

Scholarship forms may be picked up at the Financial Aid Office in Sikes Hall. Application deadline for the 1991-92 school year is Feb. 14.

For details on how to apply for or donate to the scholarship, contact your Staff Commission representative or Marvin Carmichael (656-2280) in the Financial Aid office.



Jason Mosley and mother Carol sit outside the wild turkey pen at the Morgan Poultry Center, where she is a staff member and he is a work-study student.



Faculty Senate looks into restructuring its organization

The Faculty Senate is looking into restructuring its organization.

"There seems to be a need for greater faculty input in decisions relating to academics," says Eldon Zehr, professor of plant pathology and physiology and chairman of the ad hoc committee formed to examine the restructuring question.

"Right now the Faculty Senate is strictly an advisory group. We are trying to determine if a new structure would improve communication between faculty and administration, streamline the decision-making process and encourage more involvement of faculty in University affairs, in addition to giving us power with academic decisions," Zehr says.

Last year seven universities

responded to a Clemson survey regarding faculty senate groups. The ad hoc Committee reviewed those responses and developed a possible structure for an academic senate. The proposal was discussed at the Oct. 9 senate

meeting.

At the next Faculty Senate meeting, scheduled for Tuesday, Nov. 13, the ad hoc committee will present a proposal to involve University administrators in the discussion of the restructuring. The committee will also request direction for proceeding with the restructuring process, says Zehr.

Faculty members are encouraged to contact their senators to voice ideas and opinions. For more information, contact Zehr (656-5740) in 218 Long Hall.

Faculty Senate News

Structure of Proposed Academic Senate

- I. President—faculty member elected from the Academic Senate.
- II. Vice President—faculty member elected from the Academic Senate.
- III. Secretary—elected from the Academic Senate for a one-year term.
- IV. Senators:
 - A. Administration

| | |
|---|---|
| 1. Academic deans (one per college) | 9 |
| 2. Director of the Library | 1 |
| 3. Vice Provost and Dean of Undergraduate Studies | 1 |
| 4. Vice Provost and Dean of Graduate School | 1 |
| 5. Director of University Research | 1 |
| 6. Department heads (one per college) | 9 |
 - B. Faculty—one per academic department plus one representing off-campus faculty.

| | |
|--------------------|-----|
| | 58 |
| (Total Membership) | 80) |
- V. Terms of office
 - A. Academic Deans, Director of Library, Vice Provosts, Director of Research—ex officio voting members.
 - B. Department Heads and Faculty—3-year staggered terms.

Staff Commission news:

Business Services to provide improvements

Construction of a new food outlet on West Campus is scheduled to begin by the first of the year, Paul Storey, assistant vice president for Business Services, told the Commission on Classified Staff Affairs at its meeting Oct. 9.

The outlet near Sistine and Riggs Halls will offer menu items similar to those in the Canteen.

Storey said plans for other new services including increasing the number of vending machines on campus and streamlining operation of the Central Supply Center.

"We're hoping to get 10 or 20 machines which will be placed throughout campus in addition to the existing snack and beverage machines," said Storey. The vending machines will offer sandwiches, soups, popcorn and fruits.

"We are working to make 20 percent of all machines on campus accessible to the Tiger Stripe cards this year," said Storey. The coin and dollar bill machines will remain.

"We're also looking at setting up the Central Supply Center more like a store where individuals can come in and shop if they want to," said Storey. Currently, the supply center is operated like a warehouse and requires mail-in orders. Business Services is working to provide phone-in orders, an item catalog and prompt order delivery.

"We want to make this more of a supply store that is as convenient as possible to anyone who needs items quickly and efficiently," said Storey.

continued on p. 3



Committee searching to fill Graduate School dean position

A University search committee is looking for a dean for the Graduate School at Clemson.

Bobby Wixson, dean of the College of Sciences and chair of the search committee, encourages University faculty members to apply.

"We want anyone interested to have a chance at this important leadership position," said Wixson.

The position will involve coordinating and providing administrative support for all graduate study programs and reporting to the provost/vice president for Academic Affairs.

An associate graduate dean, assistant graduate dean and 12 staff members report to the graduate dean. The office of International Programs and Services and a staff of eight also report to the dean of the Graduate School.

The position will be available July 1, 1991. Nominations or applications with a complete curriculum vitae, other supporting materials, and the names and telephone numbers of three references should be submitted before Jan. 1, 1991.

For more information, contact Bobby Wixson (656-3472) in Room 120, Kinard Lab.

Business Services

continued

Business Services hopes to have the new supply system in place within the next few months.

For more information, contact Storey (656-4354) in Business Services, 302 Sikes Hall.

Beat the flu with shots this fall

If you're looking for ways to beat the flu season this year, the Nursing Center can offer some help. From now until early December, the Nursing Center is offering flu shots for \$6.

Flu is a common wintertime malady that kills thousands of Americans each year and makes a lot of others miserable. But the shot can prevent flu or make the symptoms much less severe.

Inoculation is especially important for high-risk groups — people over

65, those susceptible to upper respiratory illnesses and those with weak immune systems, said Juanita Lee, Nursing Center director.

Before pregnant women and children under the age of 3 take the vaccine, private physicians should be consulted.

People who are allergic to chicken feathers, eggs or chicken dander should not receive the vaccine without consulting their physicians, Lee said.

Tree flagging

continued

decides whether a tree should be removed. Don Ham in Extension Forestry may also be consulted on how to handle a tree.

As the trees are cut down, the chipping and brush are recycled into compost and mulch and used around campus. The wood is donated to the Forestry Club to sell as firewood.

Shaw graduated from Clemson's forestry program in 1979. He oper-

ated a local tree care service before coming to work for the University in 1989.

Questions regarding trees flagged for removal may be referred to Shaw (656-0856) in Facilities Maintenance and Operations in the Central Energy Facilities building next to the Dillard building. Written requests are preferred.

British comedy to please audiences

The Clemson Players will perform Noel Cowards "Present Laughter," Tuesday, Nov. 13 through Saturday, Nov. 17. Set in the 1940s, this British comedy focuses on an actor and his lifestyle.

Performances will begin at 8 p.m. in Daniel Auditorium each night with a 3:30 matinee on Thursday, Nov. 15.

For more information, contact Performing Arts at 656-3043.

Commission on Classified Staff Affairs

Paula Henderson is a representative for Agriculture and Natural Resources.

She is an administrative specialist in the horticulture department and can be found in room 161 in Poole Agricultural Center.

"I like making things better for staff. As a staff commission, we can do that better than on an individual basis." --Paula Henderson



Employee honored for work with Geology Museum

Betty Newton of the earth sciences department was honored by College of Sciences Dean Bobby G. Wixson for her outstanding service to both the department and the college.



In the two years Newton has been in the department, she has built a small mineral collection into what is now known as the Geology Museum, which recently received 1,500 gemstones from the collection of the late Paul H. Benson Jr.

Dalton is Alumni's Employee of the Year

Congratulations to Mot Dalton, voted Employee of the Year by fellow staff members in the Alumni Association.

Dalton's responsibilities include planning functions for football weekends, managing the president's box in Memorial Stadium, and coordinating other receptions and dinners throughout the year.



Dalton joined the Alumni Association in 1989. Previously, she was a staff member of the President's Home, where she assisted in special events.

Physics, astronomy professor wins Gigaflop Performance Award

Robert M. Panoff, assistant professor in the department of physics and astronomy, has been awarded a 1990 Gigaflop Performance Award by Cray Research Inc.

Panoff has developed one of the fastest Monte Carlo simulation codes in the world for studying strongly-interacting quantum liquids.

The Gigaflop Performance Award Program recognizes scientists and

engineers who are working at the leading edge of their respective disciplines while furthering the science of supercomputing.

Panoff received his Ph.D. in theoretical physics from Washington University in St. Louis and did pre- and postdoctoral work at the Courant Institute of Mathematical Sciences at New York University.



Mary Poore, planning director for the city of Clemson, presents renovation plans for the downtown area at a "First Tuesday Briefing" luncheon in the Alumni Center. Poore explained the three-phase plan to renovate the downtown area within the next three to four years. Sponsored by Communications and External Relations, First Tuesday Briefing luncheons are held monthly to inform University personnel about issues affecting the University. The next luncheon is scheduled for Dec. 4.

Departmental notes

Agricultural Economics and Rural Sociology

R.L. Hartwell (Prof) co-authored "An Analysis of a Silvo-Pastoral System for the Marginal Land in the Southeast United States," published in Agro Forestry Systems.

Animal and Veterinary Science

Larry W. Hudson (Prof) led a tour of equine professionals to Czechoslovakia, Poland, and Russia during July and August.

Architecture

Herb Norman (Asst Prof) completed requirements for a Ph.D. in city planning and geography from Michigan State University.

Bioengineering

Gunther Heimke (Prof) presented "Role of Alunima Ceramics in Orthopaedic Implants" at the Symposium on Ceramics in Substitutive 7 Reconstructive Surgery in Montecatini Terme, Italy, in July.

Heimke is the editor or co-editor of the following books published in June and July:

- Osseo-Integrated Implants, Vol. I: Basics, Materials, and Joint Replacements, Vol. II: Implants in Oral and ENT Surgery.

- Bioceramics, Vol. 2 (Proceedings of the 2nd International Symposium on Ceramics in Medicine, Heidelberg, Germany).

- Clinical Implant Materials, Vol. 9 of Advances in Biomaterials in proceedings of the Eighth European Conference on Biomaterials, in Heidelberg, Germany.

Business and Finance Division

Walter E. Berry (Health and Safety Coordinator) received the Distinguished Service Award for Safety for 1990 from the South Carolina Occupational Safety Council.

Chemistry

K. Dill (Assoc Prof) presented "NMR Studies of the Interaction of Metal Ions with Biologically Active Compounds" at Salutar Inc, in Sunnyvale, Calif., in July.

Dill presented "NMR Studies of Glycoproteins and Metal Ion-Carbohydrate Interactions" at the Battelle Pacific Northwest Laboratories in Richland, Washington, in July.

Dill published "Relative Binding

Constants of Arsenical-Antidote Adducts Determined by NMR Spectroscopy" in Research Communications in Chemical Pathology and Pharmacology, co-authored by E.L. McGown (Letterman Institute of Research, San Francisco, Calif), R.J. O'Connor (LAIR), and S.F. Hallowell (Aberdeen Proving Ground).

Dill presented "Glycoprotein Structural Determinations Using Modern Instrumentation and Biotechnology" to Baxter Hyland Corporation in Duarte, Calif, in July.

Civil Engineering

CHAMP (Coastal Hazards Advisory and Mitigation Project), directed by Ben Sill (Prof), was selected as part of the executive committee of the State Hazard Mitigation Council formed by the Governor's Office following Hurricane Hugo.

Computing and Information Technology Division

James F. Bradshaw (Data Base Administrator) was elected to a three year term as director of the IDMS User Association in March.

Bradshaw was re-elected to a second term as director of South Carolina IDMS User Association in March.

Elizabeth M. Neil (Senior Systems Analyst) was elected to the board of directors of the College and University Administrative Computer Users Group (CUMREC) in May.

Neil was elected to the finance committee of CUMREC in May.

Judith A. Nicks (Senior Systems Analyst) was elected to serve on the participation committee of CUMREC.

Nicks completed a term as chair of the Commission on Classified Staff Affairs for the 1989-90 year.

Ches D. Martin (Programmer/Analyst) was elected president of the BRS North American User Group in 1989.

Martin represented the North American User Group at the 1990 BRS European Conference in September.

Education

William W. Pennscott (Prof) published a review of Counseling Techniques: An Outline and Overview, by F.D. Harper and G.C. Bruce-Sanford, in Guidepost.

English

Sterling Eisiminger (Assoc Prof) published "The Consequences of

Mistranslation" in Translation Review.

R.W. Moran (Prof, Asst Dean) was chosen by the South Carolina Arts Commission to be on the 1990-91 South Carolina Readers Circuit Roster.

Moran published "The Last Day Trip" in Yankee.

Fred Shilstone (Prof) published "Byron, Kierkegaard, and the Irony of 'Rotation,'" in Colby Library Quarterly.

Shilstone revised entries on Blake, Burns, Byron and Keats in the World Book encyclopedia, 1990.

Shilstone completed the following reviews:

- Stuart Sperry's Shelley's Major Verse: The Narrative and Dramatic Poetry in South Carolina Review.

- Daniel P. Watkins' Social Relations in Byron's Eastern Tales in Southern Humanities Review.

- Murray McArthur's Stolen Writings: Blake's Milton, Joyce's Ulysses, and the Nature of Influence in The Comparatist.

Carol Ward (Assoc Prof) and Denise Boerckel (Assoc Prof) received a grant from the S. C. Humanities Council for the video documentary "In the Eye of the Hurricane: Women's Stories of Reconstruction."

Ward published "The Hollywood Yuppie: 1980-88" in Beyond the Stars: Stock Characters in American Popular Film.

Entomology

R.G. Bellinger (Res Assoc, Asst Prof) participated in the following:

- Chaired the 39th annual Clemson University Agricultural Chemicals School in Columbia in January, where he presented "The South Carolina Pesticide Information Program."

- Presented "A South Carolina Endangered Species—the Wood Stork" at the South Carolina Agricultural Aviation Association 1990 annual convention in Myrtle Beach in January.

- Published "Introducing the Gypsy Moth" with D.L. Senn (Prof) and C.S. Gorsuch (Prof) in Clemson University Extension Entomology Insect Update.

Bellinger published the following in North Dakota Extension Service Home Economics Leaflet:

- "Pesticides and Produce."
- "Understanding Pesticide Regulation—Regulation of New Pesticides."
- "Understanding Pesticide Regulation—Health Risk Assessment in Pesticide

Registration."

Bellinger published the following in Clemson University Cooperative Extension Service Pesticide Information Sheets:

- "Protecting Honeybees from Pesticides" with **W.M. Hood** (Entomologist III).

- "Transport Pesticides Safely" with **P.J. Horton** (Prof).

- "Protect Crawfish Production from Pesticides" with **A.G. Eversole** (Prof).

- "Use Insect Repellents Safely" with **J.B. Kissam** (Prof)

- "IR-4—A National Agricultural Program to Clear Pest Control Agents and Animal Drugs for Minor Use".

- "NAPIAP—The National Agricultural Pesticide Impact Assessment Program".

- "The South Carolina Pesticide Information Program" with **P.M. Horton**.

- "Acute Pesticide Health Effects" with **S.H. Schuman** (Medical Univ of SC).

C.S. Gorsuch (Prof) has been named vice chair of the Retrieval of Science Information Committee of the Entomological Society of America.

Gorsuch co-authored "Adult Phenology and Management of Spotted Tentiform Leafminer (Lepidoptera: Gracillariidae) in North Carolina, South Carolina, and Georgia," with **J.F. Walgenbach** (NC State Univ) and **D.L. Horton** (Univ of GA), published in the Journal of Economic Entomology.

P.M. Horton (Prof) published "Disposal of Pesticide Containers in South Carolina" in a Clemson University Extension Service Pesticide Information Program Information Sheet, with **Bellinger** and **H. Seabrook** (DHEC).

C. Privette (Prof) published "Under-

ground Storage Tanks" in a Clemson University Cooperative Extension Service Pesticide Information Program Information Sheet, with **Bellinger** and **J. Hess** (DHEC).

Environmental Systems Engineering

Alan W. Elzerman (Prof) has been appointed team leader of the Environment Strategic Planning Implementation Committee.

Robert A. Fjeld (Prof), **Marion D. Jones** (Former Grad Asst) and **Nolan Bivens** (DHEC) published "Screening Survey of Indoor 22Rn in South Carolina" in Health Physics.

Fjeld, **Deyuan Wu** and **Andrew R. McFarland** (Texas A&M Univ) published "Evaluations of Continuum Regime Theories of Bipolar Charging of Particles in the 0.3-13-um Diameter Size Range" in IEEE Transactions on Industry Applications.

C.P.L. Grady Jr. (Prof) was appointed associate editor of the journal Biotechnology and Bioengineering in July.

T.M. Keinath (Prof and Head) was elected vice president of the International Association of Water Pollution Research and Control in Kyoto, Japan, in August and is a member of IAWPRC's executive committee.

Keinath and **J.L. Brickell** (Air Force Academy) presented "The Effect of Surfactants on the Sorption Partition Coefficients of Naphthalene on Aquifer Soils" at the 15th Biennial Conference of the International Association on Water Pollution Research and Control held in Kyoto, Japan, in August.

V.T. Volskay (Former Grad Assist), **Grady** and **H.H. Tabak** published "Effect of Selected RCRA Compounds on Activated Sludge Activity" in Research Journal of the Water Pollution Control Federation.

Experimental Statistics

W.C. Bridges Jr. (Assoc Prof) published "Mapping Quantitative Trait Loci Using Molecular Marker Linkage Maps" in Theoretical and Applied Genetics, co-authored by **S.J. Knapp** and **D. Birkes** (both of Ore St Univ).

Bridges was elected chair of the Subsection on Statistical Consulting Education of the American Statistical Association for 1991-92.

Forest Resources

L.R. Nelson (Asst Prof) and **R.L. Cantrell** (Consultant) published "Herbicide Prescription Manual for Southern

Pine Management" in a Clemson University Cooperative Extension Service Extension Circular.

Industrial Engineering

W.G. Ferrell (Asst Prof) attended "Modeling and Simulation, Risk Assessment" at USC-Aiken in July.

D.L. Kimber (Assoc Prof) organized and presented two sessions at the Japan-USA symposium on Flexible Automation in Kyoto, Japan, in July.

Kimber attended "Role of Academia in National Competitiveness and Total Quality Management" held in Morgantown, W. Va., in July.

Kimber presented "Influence of Flexible Environment on Statistical Process Control," co-authored by **Sankar Sengupta**, at the Japan-USA Symposium on Flexible Automation in Kyoto, Japan.

Instruction (Nursing)

Becky Campbell (Asst Prof) presented the following papers:

- "Successful Weight Management: A Phenomenological Study" at the Tri-Chapter Sigma Theta Tau Research Day at Clemson in April.

- "Self-Determination, Self-Efficacy and the Self-Regulation of Weight" at the University of South Carolina College of Nursing in Columbia in April.

Howard Cummings (Assoc Prof) presented "Abdominal Trauma: Recognizing and Treating Internal Injuries" at the C.C. 3rd Annual Trauma Nursing Conference in Charlotte, N.C., in March.

Pat Smart (Asst Prof) and **Jeri Milstead** (Asst Prof) presented "The Need for a University Interdisciplinary Health Course" at the 17th Annual International Health Conference sponsored by National Council for International Health in Washington, D.C., in June.

Languages

Jose I. Suarez (Assoc Prof) published "Portuguese-Language Training in a Graduate Business Program" in ADFL Bulletin, 1990.

Suarez published "Commentarios acerca del impacto universal del Quijote," in Residenica, 1989.

Suarez participated in a summer institute sponsored by the National Endowment for the Humanities and the University of Kentucky on medieval Spanish literature in June.

Management

John J. Kanet (Prof) presented "Applying the Jobplan Leitstand: Experi-

Bookstore hours extended

The University Bookstore's operating hours have been extended. The store is now open on weekends and longer on weekdays.

Store hours are 8:30 a.m. to 5:30 p.m. Monday through Friday, 10 a.m. to 4 p.m. Saturdays, and 1:30 p.m. to 5 p.m. Sundays.

The weekend hours will be in effect through May 1.

ences and Projections," co-authored by V. Sridharan (Assoc Prof) and Joe von Lippe (Siemens AG, West Germany) at the 12th Triennial Conference on Operations Research of the International Federation of Operational Research Societies in Athens, Greece, in June.

Kanet presented "Measuring Manufacturing Performance: Implications for Research and Practice" at the Fifth International Conference of the Operations Management Association at the University of Warwick, England, in June.

V. Sridharan (Assoc Prof) published the following papers:

- "Evaluating the Interaction Between the Manufacturing Environment and Planning and Control Systems" in the Journal of Manufacturing Systems, co-authored by W.E. Newman (Miami Univ), S.M. Chapman (Univ of Iowa) and R.A. Jacobs (Radford Univ).

- "Master Production Scheduling Make-To-Stock Products: A Framework for Analysis" in the International Journal

of Production Research, co-authored by W. L. Berry (Univ of NC).

- "The Impact of Safety Stock on Schedule Instability, Cost, and Service" in the Journal of Operations Management, co-authored by R.L. LaForge (Prof).

- "On Using Buffer Stock To Combat Master Production Schedule Instability" in the International Journal of Operations and Production Management, co-authored by LaForge.

Mechanical Engineering

Frank W. Paul (Prof) lectured at the 90th Anniversary Forum on the Founding of Ritsumeikan University in Kyoto, Japan, in July.

Paul participated in the 3rd 1990 Japan-USA Symposium on Flexible Automation in July, at which he presented a paper and chaired a technical session.

Professional Services and Development (Nursing)

Sara Barger (Assoc Prof) presented

"The Nursing Center: A Model for Rural Nursing Practice" at the National Rural Health Association in New Orleans, La., in May.

Barger published "An Assessment of Academic Nursing Centers" in Nurse Educator in March.

Student Affairs

Dewilla Gaines was appointed state director for the National Intramural Recreational Sports Association in July.

Textiles

Douglas Bowen (Textile Extension Specialist) organized and chaired the following conferences:

- "Partially Oriented Yarns—Boost to Textile Processing," in Charlotte, N.C., in August.

- "Covered Elastomerics: Exciting New Yarns For New Fabrics" in Charlotte, N.C., in August.

Bhuvnesh C. Goswami has been awarded patents on the following:

- "Lock Set Structure" with co-inventors Frank McCollough Jr. and R. Vernon Snellgrove (both with Dow Chemical).

- "Flanel Retardent Foams."

Goswami presented "Development of 3-D Woven Structures of Composites" at a conference on Engineering with Textiles at Leeds University in Leeds, England, in July.

Post Office hours extended

The University Post Office has extended its operating hours by one hour at the stamp and service counter and by 30 minutes at the package pickup window.

Effective immediately, the new hours for the stamp and service counter are 8 a.m. to 4:30 p.m. The package pickup window is now open from noon to 5 p.m.

Package pickup is available at the service counter; however the Post Office encourages the use of the package pickup window for quicker service.

For more information, contact the Post Office at 656-2351.

Pictorial history book available for reduced cost

The pictorial history of Clemson University, *Visions: Clemson's Yesteryears 1880s-1960s*, is now available to faculty and staff for \$20, half the original selling price.

Orders must be received by

Wednesday, Nov. 7, and will be filled on a first come, first served basis. Quantities are limited.

For more information, contact Fay Brown (656-0294) in the Alumni Center.



The Clemson College chapter of the American Society of Civil Engineers in front of Mechanics Hall in 1930.

Dates to remember:

Through Nov. 15

—"Gardens Real and Imagined" exhibit. Lee Gallery, Lee Hall, FREE. (656-3880)

Saturday, Nov. 3

—Football: North Carolina. (Hall of Fame Day) 12:10 p.m., Memorial Stadium. (656-2101)

Tuesday, Nov. 6-Wednesday, Nov. 7

—Seminar: Statistical Process Control. Time TBA, Student Senate Chambers. (656-5563)

Wednesday, Nov. 7

—Southern Circuit Film Series: "This is the History of New York" & "Just Hold Still." 8 p.m., 415 Daniel Hall, FREE. (656-5415)

Wednesday, Nov. 7-Thursday, Nov. 8

—Center for Computer Communication Systems (CCCS) Inaugural Conference. Clemson House. (656-5909)

Thursday, Nov. 8

—Black Faculty and Staff meeting. 4:45 p.m., F149 Poole Agricultural Center.
—Men's Basketball: Adelaide 36ers. 7:30 p.m., Littlejohn Coliseum. (656-2101)
—Geology Museum Open House. 8 a.m.-5 p.m., 125 Brackett Hall. (656-3210)

Friday, Nov. 9

—Seminar: "Climate Change and

Forest Processes in Northwest Minnesota." Ecology Seminar Series. 12:30 p.m., Jordan Room, Jordan Hall. (656-2328)

—Seminar: "Personal Development for the Professional Woman's Success." Time TBA, Ramada Inn, Clemson, fee required. (656-2703)

Saturday, Nov. 10

—Swimming: Virginia. Noon, women; 3 p.m., men, McHugh Natatorium. (656-2101)
—Women's Basketball: Canadian Olympic Team. 7 p.m., Littlejohn Coliseum. (656-2101)

Monday, Nov. 12

—Intermediate ISPF short course. 3-4:30 p.m., 111 Daniel Hall. (656-3494)
—"Professional and Holiday Wear." WHEN meeting. Noon, Ramada Inn, Clemson. (656-5787)

Tuesday, Nov. 13

—"Value Constraints in Coastal Erosion Mitigation Strategies: The View From Two North Carolina Beach Areas." Part of the women geographers series featuring Sallie Ives, professor at UNC-Charlotte. 7 p.m., 200 Hardin Hall. FREE reception to follow. (656-5368)
—Commission on Classified Staff Affairs meeting. Mark Wright, campus master planner, guest speaker. 10 a.m., 113 Lehotsky Hall. (656-5174)
—Faculty Senate meeting. 3:30 p.m., Student Senate Chambers, University Union. (656-4829)

Tuesday, Nov. 13-Saturday, Nov. 17

—Clemson Players Production: Present Laughter.. 8 p.m. (with 3:30 p.m. matinee on Nov. 15), Daniel Auditorium. Students FREE, faculty/staff \$2, public \$4.

Wednesday, Nov. 14

—"A Comedy of Errors," presented by the North Carolina Shakespeare Ensemble. 8 p.m., Tillman Auditorium, students/sr. citizens \$6, public \$8. (656-2461)
—Safety Training: "Slips, Trips and Falls." 10:30 a.m., Student Senate Chambers, FREE. (656-2441)

Thursday, Nov. 15

—Third Thursday at the Thurmond presents: "International Trade at the Crossroads," featuring Ann Brunsdale, International Trade Commission. 8 p.m., Strom Thurmond Institute. (656-4700)
—Seminar: "Fragmentation, the Species-Area Curve, and the Loss of Biodiversity." Ecology Seminar Series. 12:30 p.m., Jordan Room, Jordan Hall. (656-2328)
—Men's Basketball: Marathon Oil. 7:30 p.m., Littlejohn Coliseum. (656-2101)
—Trustees' Medal Competition. 7:30 p.m., Tillman Auditorium, FREE.
—Wrestling: Furman. 7 p.m., Jervey Gym. (656-2101)

Friday, Nov. 16

—Pep Rally: Barnyard Burn II. 7 p.m., parking lot west of football stadium.
—CU Tiger Band Concert. 8 p.m., Littlejohn Coliseum, FREE.
—Concert: "The Smithereens." 8 p.m., Littlejohn Coliseum. (656-2461)
—Seminar: "Failure of Brittle Matrix Composites." 2:30 p.m., Lowry Hall. (656-3470)
—Seminar: "The Use of Personal Observation and Personal Documentation in Social Science Research." Dr. Kathleen Logan, Florida International University. 2:30 p.m., Room 308, Nursing Building.
—"Municipal Government in South Carolina Today." Second Annual Harris Page Smith Memorial Lectures in Local Government. 7 p.m., Strom Thurmond Institute, FREE. (656-4700)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Nov. 2, for Nov. 21 issue.



Clemson

WEEKLY

Vol. 30, No. 14

Wednesday, Nov. 7, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Shuttle bus system transports more than 100,000 people in first month of fall semester

The University's shuttle bus system transported 118,000 people within the first 34 days of the fall semester, reported Bill Pace, director of parking services. That amounts to nearly 3,500 people per day.

The system has grown from six vans when it was first established in 1988 to 10 buses with double wide doors and perimeter seating.

There are three shuttle routes available to passengers. Each route runs continuously from 7:30 a.m. to

5:30 p.m. Monday through Friday throughout the fall and spring semester. Summer routes may be added in 1991. Each bus stops at six to eight different pickup points and completes each run within 10 to 15 minutes.

All shuttle bus rides are free and available to anyone who needs transportation around campus. Most stop points are indicated by white "shuttle bus stop" signs.

Following is a list of each shuttle bus route and its stops.

Grant will fund drug and alcohol education

The University has received a \$111,586 grant from the U.S. Department of Education for drug and alcohol education and training programs for students, faculty, staff and the community.

The two-year grant, awarded through the Fund for the

continued on p. 3

Shuttle bus routes and stops

Shuttle route "A"

A1: Under the north stands of Memorial Stadium.

A2: In the parking lot between Rhodes Engineering Research Center and Cooper Library.

A3: Between Freeman and Riggs halls.

A4: In front of Olin Hall.

A5: In front of the Trustee House.

A6: In the commuter parking lot under the north stands of Memorial Stadium.

A7: At the southwest corner of Memorial Stadium.

A8: At the stadium end of the commuter parking lot (C-8) immediately behind (west of) Memorial Stadium.

Shuttle route "B"

B1: In Thornhill Village, at the corner near Apartment building #23.

B2: In Thornhill Village, at the corner near Apartment buildings #36 and #37.

B3: In Thornhill Village, across from Apartment building #30, east of the laundry.

B4: In Thornhill Village, near Apartment building #29, south of the laundry.

B5: In the parking lot next to Cooper Library, Daniel Hall and Strode Tower.

B6: Behind the Clemson House, on Daniel Drive.

Shuttle route "C"

C1: In the temporary commuter parking lot behind the new East Campus housing construction site.

C2: At the north end of the East Campus resident parking lot (R-1).

C3: At the south end of the East Campus resident parking lot (R-1).

C4: Next to Strode Tower and Daniel Hall.

C5: In front of the greenhouses behind Newman Hall and south of employee parking lot E-1.

C6: At the northeast corner of the commuter parking lot (C-2) behind Poole Agricultural Center.

C7: At the intersection of Jersey Lane and Cherry Road, beyond the southwest corner of the commuter parking lot (C-2) behind Poole Agricultural Center.

Sexual harassment guidelines issued in brochure

A brochure distributed recently to all employees emphasizes that sexual harassment will not be tolerated at Clemson.

The brochure, produced by the Office of Human Resources, explains that unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature constitute sexual harassment when:

- Submission to such conduct is made explicitly or implicitly a term or condition of an individual's employment or academic standing; or
- Submission to or rejection of such conduct by an individual is used as a basis for employment or for arriving at academic decisions affecting an individual; or
- Such conduct unreasonably interferes with an individual's work or academic performance or creates an intimidating, hostile or offensive working or academic environment.

While the language of federal laws and guidelines suggests situations in which a supervisor might harass an employee or a faculty member might harass a student, the brochure also explains that University policy prohibits sexual harassment in reverse situations: where an employee might harass a supervisor or a student might harass a faculty member.

If you did not get a copy of the brochure, if you have questions about the sexual harassment policy, or if you feel you are a victim of sexual harassment, contact Jane Knapp (656-3181) in the Office of Human Resources, E103 Martin Hall.

Staff Commission news:

Hazardous Weather Policy brochure now available

As the trees begin losing their leaves, weather becomes more of a concern for University employees.

To help answer questions regarding the University's weather policy, the Commission on Classified Staff Affairs has prepared a brochure.

For a copy, contact your staff commission representative or Ruth Taylor (656-5174) in Cooper Library. For details about the University Hazardous Weather Policy, contact Personnel Services (656-3360) at 106 University Square.

Here are some highlights.

What happens if:

• Snow, sleet or ice is spread over the entire Clemson area and surrounding counties?

The governor may declare an emergency and close the University. In this instance, you will learn of the situation by listening to the radio or television. Unless you are considered an "essential employee" you do not have to come to work; however, you will be required to do one of three things:

1. Use annual or compensatory leave for the time missed.
2. Take leave without pay.
3. Make up time lost from work at a time to be scheduled by your supervisor. You will be allowed to make up the time lost if you choose.

• Snow, sleet or ice is spread in your local area, but not in the Clemson area?

The University does not require you to place yourself in danger. You will not be penalized at work for not traveling in hazardous conditions. You must call in as soon as possible to tell your supervisor of your situation.

You will be excused from work only until it is safe to travel, and you must take annual or compensatory leave for the hours missed.

• You are already at work when a weather problem develops?

You may not leave your workplace without the permission of your supervisor. However, in emergency situations, your supervisor does have the authority to allow you to be on annual or compensatory leave to avoid placing you and other family members in a dangerous situation.

• You are a Clemson employee who works off campus?

Your options and responsibilities are the same as those listed above. However, if the University is closed by the Governor, but your area is clear, you must report to work.

• Classes are canceled, but the University is not closed?

Report to work if possible or take annual or compensatory leave.

The Commission on Classified Staff Affairs meets monthly and is open to anyone. For questions and comments, or to find out who your representative is, contact Ruth Taylor (656-5174) in the Cooper Library or write to: Commission on Classified Staff Affairs, P.O. Box 10049, Clemson, S.C., 29632.

Library exhibit features campus buildings, history

A new exhibit at Cooper Library ties the campus' history, architecture and future development together in one display.

Entitled "Built For the Future, Named For the Past," the exhibit will be in the entrance area of the library through Jan. 31, 1991.

The display features photographs of selected buildings on campus and information about the origins of their names.

Color renderings of Johnstone Hall after its proposed renovation and of the new Academic Learning Center, which is now under construction, give an idea of what the campus of tomorrow will include. A model of the new East Campus residence hall, also now under construction, adds a three-dimensional aspect to the display.

The library is open 7:45 a.m. to 1 a.m. Monday through Thursday; 7:45 a.m. to 11 p.m. Friday; 10 a.m. to 6 p.m. Saturday and 11 a.m. to 1 p.m. Sunday.

Drug, alcohol grant continued

Improvement of Postsecondary Education, represents 62 percent of the money to be spent on alcohol and drug education programs at Clemson through 1992. The University will provide an additional \$68,331.

The Office of Student Development is creating a three-fold drug and alcohol program focusing on campus education through the use of peer and faculty/staff educators, community education through the use of peer and outreach educators, and alcohol/drug-free social activities and promotions.

"We want to build upon the

Campus Awareness Program we already have and establish a deeper involvement with the Clemson area community," says Jeanine Ward, acting associate director of student development.

The University has had a cooperative relationship with the Pickens County Commission on Alcohol and Drug Abuse since 1983. Three prevention and addiction specialists from the commission spend time on campus working with alcohol education programs and counseling students experiencing alcohol and drug problems.

Fire safety tip:

If a victim is burned, call for medical help. Always cool a burn with cold running water, never ice, butter or ointment.



Faculty Senate president Allen Dunn (left) speaks with University Trustees Bill Neely (center) and Billy Amick (right) at a breakfast for Faculty Senators and the Board of Trustees. The purpose of the breakfast was to help the two groups develop a closer working relationship.



Women Geographers' series

presents second lecture

"Value Constraints in Coastal Erosion Mitigation Strategies: The View From Two North Carolina Beach Areas" will be presented by Sallie Ives, a professor at UNC-Charlotte, at 7 p.m. in 200 Hardin Hall as part of the series "Women Geographers in the Southeast and Their Work." For details, contact Lawrence Estaville (656-5368) in 115 Hardin Hall.

Dates to remember:

Friday, Nov. 9-Saturday, Nov. 10

—Clemson Apparel Research 1990 Open House. 8 a.m.-4:30 p.m. Friday, 8 a.m.-noon Saturday, 500 Lebanon Road, Pendleton. (646-8454)

Saturday, Nov. 10

—Volleyball: Virginia Tech. 1 p.m., Jervey Gym. (656-2101)
—Swimming: Virginia. Noon, women; 3 p.m., men, McHugh Natatorium. (656-2101)
—Women's Basketball: Canadian Olympic Team. 7 p.m., Littlejohn Coliseum. (656-2101)

Sunday, Nov. 11

—"My Stepmother is an Alien." University Union movie. 7 & 9:15 p.m., Y-Theatre, FREE.

Monday, Nov. 12

—Intermediate ISPF short course. 3 p.m.-4:30 p.m., 111 Daniel Hall. (656-3494)
—"Professional and Holiday Wear." WHEN meeting featuring Harvey Ladies Ready to Wear. Noon, Ramada Inn, Clemson. (656-5787)
—"Symbolic Structures." A graduate symposium. 10 a.m., 2 p.m. and 8 p.m., Strom Thurmond Institute Auditorium, FREE. (656-3907)

Tuesday, Nov. 13

—"Value Constraints in Coastal Erosion Mitigation Strategies: The View from Two North Carolina Beach Areas." Part of the Women

Geographers Series featuring Sallie Ives, professor at UNC-Charlotte. 7 p.m., 200 Hardin Hall. FREE.
Reception to follow. (656-5368)
—Commission on Classified Staff Affairs meeting. Mark Wright, campus master planner, guest speaker. 10 a.m., 113 Lehotsky Hall. (Ruth Taylor, 656-5174)
—Faculty Senate meeting. 3:30 p.m., Student Senate Chambers, University Union. (656-4829)

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—Clemson Players Production: "Present Laughter." 8 p.m. (with 3:30 p.m. matinee on Nov. 15), Daniel Auditorium, students FREE, faculty/staff \$2, public \$4.

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—Safety Training: "Slips, Trips and Falls." 10:30 a.m., FMO Conference Room, FREE. (656-2441)

Thursday, Nov. 15

—Third Thursday at the Thurmond presents: "International Trade at the Crossroads," featuring Ann Brunsdale, International Trade Commission. 8 p.m., Strom Thurmond Institute. (656-4700)
—Seminar: "Fragmentation, the Species-Area Curve, and the Loss of

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—Concert: "The Smithereens." 8 p.m., Littlejohn Coliseum. (656-2461)
—Seminar: "Failure of Brittle Matrix Composites." 2:30 p.m., Lowry Hall. (656-3470)
—Seminar: "The Use of Personal Observation and Personal Documentation in Social Science Research." Kathleen Logan, Florida International University. 2 p.m., Room 308, Nursing Building. (656-3075)
—"Municipal Government in South Carolina Today" and "County Government in South Carolina Today." Second Annual Harris Page Smith Memorial Lectures in Local Government. 7 p.m., Strom Thurmond Institute, FREE. (656-4700)

Saturday, Nov. 17

—Swimming: Virginia Tech. 1 p.m., McHugh Natatorium. (656-2101)
—Football: South Carolina (Barnyard Burn II) 1 p.m., Memorial Stadium. (656-2101)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Nov. 9, for Nov. 28 issue.

To submit items for the master calendar, send written information to the Clemson Weekly at the Alumni Center or use FAX number 656-0713.

All submissions must be received two weeks prior to the Wednesday it is to be published.

For information regarding the master calendar, contact the Clemson Weekly at 656-3860.



Clemson

WEEKLY

Vol. 30, No. 15

Wednesday, Nov. 14, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Support given to U.S. troops as campus group prepares for 'Walk on Wednesday'

In support of troops involved in the Mideast crisis, individuals on campus are organizing a "Walk on Wednesday" for Nov. 28th. The event is a no-driving day which encourages faculty, staff and students to walk or bicycle to work and school instead of driving.

"It's a gesture of support for the troops sweating in Saudi Arabia while we're casually driving around the U.S.," says associate professor of French John Bednar.

Bednar's Language and International Trade class came up with the idea for the event. "In looking at the impact gasoline is having on the world, we wanted to do something that could also have an impact," says Bednar.

A statement of the event's purpose is being circulated throughout the University to gain endorsement from University groups.

For individuals who wish to show

their support but live too far to walk or bike in, local parking lots will be designated about 30 minutes walking distance from campus. The Ingles parking lot on Route 93 coming from Central, the National Guard Armory parking lot on Route 76 coming from Pendleton, and the Winn Dixie parking lot on Clemson Boulevard coming from Seneca are three of the designated lots.

Ribbons will also be available for those wishing to show their support.

"The thing that impresses me the most is the will of young people to make a symbolic physical sacrifice to make a statement," says Bednar. "They're basically saying 'Americans can adapt.'"

If you are interested in participating in the "Walk on Wednesday" or would like additional information, contact Bednar at 656-5389.

Renters Information Center assists faculty/staff

In its second year of existence, the Renters Information Center is available to University faculty, staff and students who need assistance locating off-campus housing.

Faculty and staff members who own rental property in Clemson and surrounding communities are welcomed to include their rental units in the center's listing.

Once a week a new listing of available apartments and houses is generated and provided upon request to students, faculty, and staff. Each listing gives the reader basic information on the rental units as well as a

contact name and phone number.

Faculty members are encouraged to notify the center of property available due to sabbatical leave. Such housing, which can be rented on a short-term basis, is often requested by visiting faculty and scholars.

The center can also provide information packets to newcomers to the area. Packets include maps, city and town brochures, utility fact sheets and realtor lists for Pickens, Oconee, Anderson and Greenville counties.

For more information, contact Sharon Match (656-4447) on the lobby floor of the Clemson House.

Post Office adds campus mail route, improves service

The University Post Office has added an additional campus mail delivery route. Because of increasing amounts of mail and new stops, a fourth route was recently added to meet the needs of the 24-hour interdepartmental mail service.

The new route will improve the schedule for campus mail deliveries and allow more efficient and accurate sorting of mail, says Wanda Hill, senior associate vice president for business and financial affairs.

The post office has been working to improve mail turnaround, equalize carrier workload and comply with customer needs for delivery and pick up times. One goal is the delivery of all interoffice mail within 24 hours of pick-up. The postal staff hopes to be able eventually to pick up interoffice mail in the morning for delivery that same afternoon, says Hill.

Delivery schedules will vary slightly until all routes are perfected, after which a delivery schedule will be provided to each department.

For more information, contact the University Post Office (656-4351) in the University Union.

NOTE: Due to the Thanksgiving holiday, there will be no *Clemson Weekly* on Wednesday, Nov. 21.

Alumni Relations names new assistant vice president



Watkins

liaison between the alumni office and

Matthew Watkins has joined Alumni Relations as assistant vice president.

He will coordinate student-oriented programming, serve as a

the University's nine colleges, and assist in working with the Alumni National Council and the departmental budget.

Watkins earned a bachelor's degree in administrative management in 1977 and a master's in personnel services in 1981, both from Clemson.

He was acting director of the University's residential life office, where he coordinated housing programs for on-campus students.

White named 'Top Cat' of the year

David White, a producer/director in the Communications Center, is the University Relations division's "Top Cat" for 1990.

Each year the Top Cat award is given to an outstanding University Relations employee.

"I nominated David not because he is the only

outstanding employee we have, but because he exemplifies the best in all of us," says Communications Center director Roger Koonce.

White graduated from Clemson in 1985 with a bachelor's degree in engineering technology and a bachelor's in architectural design.

He worked in the Communications Center as a student before coming on staff in 1985.



White



Just another pretty face...

Pumpkin carving just isn't what it used to be as evidenced by the Oct. 25 University Relations party. The departments of publications and graphics and ag communications sharpened their knives for a pumpkin carving competition. Above left, Roger Koonce (left), Pat Berry (center) and Juanita Marcengill, all from the Communications Center, cast their votes for the green monster. Above right and bottom right: the ag communications team's "jack-cow-lantern" and "bud light" (the latter recognizing Extension director Bud Webb).

Special tours available through Visitors Center

The Visitors Center provides tours for special groups visiting campus.

Tours can be customized to meet particular needs—including everything from research facilities to historic sites on campus.

The Visitors Center will arrange and conduct all aspects of the tour for any size group.

If you have special dignitaries, advisory council members or conference participants coming to campus and would like to provide a tour, contact Visitors Center director Janis Moore (656-4789) in 103 Tillman Hall.

YMCA offers exercise alternatives for cold winter months

With cold weather on the way, outdoor exercise can be a chilling experience. But you don't have to worry, the YMCA provides a number of indoor exercise activities through their "Healthy Lifestyles" fitness classes.

Programs like Jazzercise, bench aerobics, stress buster and water works can help you stay in shape

during the winter months.

YMCA yearly memberships cost \$40 for individuals and \$75 for families. They may be purchased at the Holtzendorf YMCA Center between Mell Hall and Godfrey Hall.

Members may take the classes at a reduced rate. Most classes run in 8-week sessions and average a cost of \$30 for Y members and \$60 for non-

members. Classes may be pro-rated.

The classes are provided throughout the week except on Saturdays.

Following is a schedule of available classes.

For more information, contact health fitness director Holly Hutchins (656-5839).

"Healthy Lifestyle" fitness class schedule

| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday |
|----------------|-----------------------|----------------------------------|----------------|----------------------------------|----------------|----------------------------------|
| 9-10 a.m. | | NRG--all around exercise program | | NRG--all around exercise program | | NRG--all around exercise program |
| 9-10 a.m. | | Gotta Dance | | Gotta Dance | | Gotta Dance |
| 9-10 a.m. | | Aquacise | Water Works | Aquacise | Water Works | Aquacise |
| 9-10 a.m. | | Fitness Swim | Fitness Swim | Fitness Swim | Fitness Swim | Fitness Swim |
| 3:45-4:30 p.m. | | †Feelin' Great | | †Feelin' Great | | |
| 5:30-6:30 p.m. | Jazzercise (5-6 p.m.) | Jazzercise | | Jazzercise | Jazzercise | |
| 5:30-6:30 p.m. | | | *Stress Buster | | *Stress Buster | |
| 6:30-7:30 p.m. | | | Bench Aerobics | | Bench Aerobics | |
| 6:30-7:30 p.m. | | *Healthy Back | | | | |
| 7-8:30 p.m. | | *Stress Management | | | | |

*These classes will be offered during the 8-week session beginning in January.
†Feelin' Great is for 1st-6th grade children.

Commission on Classified Staff Affairs

Lynn Belding is a representative for Agriculture and Natural Resources.

She is an accounting technician in the forestry department and can be found in room 251 in Lehotsky Hall.

"Working with the Staff Commission has given me a chance to become involved. It's a chance to express ideas, to improve the negative things and accentuate the positive."--Lynn Belding



Singer, actress, dancer encourages women

Songs, stories, poetry and dance are used by Elizabeth Hodes in "A Woman's World" to challenge the myth of the "man's world."

Hodes, who uses these various forms to inspire women to glory in being feminine, female and human, will perform at 8 p.m., Monday, Nov. 19, in Daniel Auditorium.

The performance, sponsored by the Women's Studies Lecture Series and the English and performing arts departments, is free.

For details, contact Doreen Geddes (656-5384).

Dates to remember:

Saturday, Nov. 17

- Football: South Carolina. (Barnyard Burn II) 1 p.m., Memorial Stadium.
- Swimming: Virginia Tech. 1 p.m., McHugh Natatorium.

Sunday, Nov. 18

- "K-9." University Union movie. 7 & 9:15 p.m., Y-Theatre, FREE.

Monday, Nov. 19

- Clemson University Chamber Orchestra. 8 p.m., Tillman Hall Auditorium, FREE.
- "A Woman's World." Elizabeth Hodes performs a one-woman show combining acting, singing and dancing in honor of being feminine, female and human. 8 p.m., Lyles Auditorium, Lee Hall, FREE. (656-5384)
- Lecture by photographer Walter Chappell. Part of the Visiting Artist Program. 8 p.m., Lyles Auditorium, Lee Hall, FREE.
- Seminar: "New Definitions of Catholicism in 19th Century Britain: The Continental Sources and Parochial Impact of Puseyite Catholicism" featuring R. William Franklin, St. John's University. 3:30 p.m., Hardin Hall Auditorium, FREE.

Monday, Nov. 19-Tuesday, Nov. 20

- Defensive Driving Class. 6-10 p.m. each night, University Police Department Court Room. Registration necessary. (656-3365)

Tuesday, Nov. 20

- Orange & White Indoor Track Meet. 2 p.m., Littlejohn Coliseum. (656-2101)
- Workshop: "Change Management." 9 a.m.-4 p.m., Calhoun Courts. Reservations necessary. (656-2727)

Wednesday, Nov. 21

- Defensive Driving Class. 8 a.m.-4:30 p.m., University Square Conference Room. Registration necessary. (656-3365)

Thursday, Nov. 22-Friday, Nov. 23

- University closed for Thanksgiving.

Saturday, Nov. 24

- Men's Basketball: Maryland-Baltimore County. 5 p.m., Littlejohn Coliseum. (656-2101)

Sunday, Nov. 25

- "Dirty Harry." University Union movie. 7 & 9:15 p.m., Y-Theatre, FREE.

Monday, Nov. 26

- Men's Basketball: Samford. 7:30 p.m., Littlejohn Coliseum. (656-2101)
- Patent Seminar featuring W. Mackie Manning and James M. Bagarazzi, patent attorneys. 2-4 p.m., Strom Thurmond Institute Auditorium. (656-0601)

Monday, Nov. 26-Wednesday, Nov. 28

- Faculty/student art sale. Lee Gallery, Lee Hall. (656-3880)

Tuesday, Nov. 27

- "La Piemontoise" violin/piano duo. Part of the Utsey Chamber Music Series. 8 p.m., Daniel Hall Auditorium, FREE. (656-3043)

Wednesday, Nov. 28

- Men's Basketball: The Citadel. 7:30 p.m., Littlejohn Coliseum. (656-2101)
- Safety Training: "Office Safety." 10:30 a.m., Student Senate Chambers, FREE. (656-2441)
- Basic ISPF short course. 2-3:30 p.m., 111 Daniel Hall. (656-3494)
- Student/faculty debate. 7:30 p.m., Tillman Hall Auditorium, FREE.

Thursday, Nov. 29

- Clemson University Choral Ensembles. Vocal selections to put you in a holiday mood. 8 p.m., Tillman Hall Auditorium, FREE.
- Orientation for Certified Professional Secretary classes. 5:30 p.m., 114 Lowry Hall. (656-2152)
- Seminar: "Introduction to Construction Planning and Scheduling." Student Senate Chambers. (656-3308)

Thursday, Nov. 29-Saturday, Dec. 1

- "Flatliners." University Union movie. 7 & 9:15 p.m., Y-Theatre, \$1.75.
- Swimming: College Invitational. Including UMBC, W. Va, VPI and Clemson. McHugh Natatorium. (656-2101)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is Wednesday, Nov. 21, for Dec. 5 issue.

Christmas program planned

A Christmas program featuring craft ideas and energy saving ideas will be held at 9:30 a.m. and 12:10 p.m. on Thursday, Nov. 15, at the Clemson United Methodist Church Fellowship Hall in Clemson.

The event is free and requires registration by 5 p.m., Wednesday, Nov. 14.

For details, contact Talley West (868-2810).

Wildlife and environmental toxicology program receives institute status

The S.C. Commission on Higher Education has granted institute status to Clemson's wildlife and environmental toxicology program.

The new status means the state recognizes the program's research and education efforts in the area of wildlife and environmental toxicology, says Jay Gogue, Clemson's vice president for research.

The 18-member commission gave new status to the program Nov. 1, says research director Ray Noblet. The new official name is the Institute of Wildlife and Environmental Toxicology (TIWET).

Since relocating to Clemson from Western Washington University in Bellingham, in May 1989, TIWET has received over \$5 million in research

grants from various national, state and industrial organizations.

According to TIWET's founder and director, Ron Kendall, the program moved to Clemson so that toxicology studies could be conducted on the East Coast as well as the West Coast and to relocate to a land grant university that awards doctoral degrees. Western Washington University does not offer doctoral degrees.

Clemson's Board of Trustees granted the wildlife and environmental program departmental status this fall.

The TIWET researchers' goal, Kendall says, is to find effective ways to manage toxic substances, such as hazardous wastes and pesticides, so they will have less impact on wildlife and the environment.

Clemson astrophysicist wins international award

Donald D. Clayton, a professor of physics and astronomy, has been selected to receive the 1991 Leonard Medal from the Meteoritical Society, an international society for the scientific study of meteorites.

The medal, the highest honor of the society, recognizes outstanding original scientific contributions and has been awarded to only 25 other scientists since it was established in 1962. Clayton's award honors his work on nucleosynthesis, the question of the solar system's origin and how the chemical elements were created in the stars.

Clayton, who joined the faculty in 1989, is a leading scientist in nuclear astrophysics, gamma ray astronomy

and nuclear isotopic clues to the origin of the solar system and serves on the NASA steering committees for study of the solar system's origin and gamma ray astronomy.

Clayton came to Clemson from Rice University in Houston, Texas, where he was one of the founding members of its department of space physics and astronomy and was later named the Andrew Hays Buchanan Professor of Astrophysics. He is a fellow of the American Physical Society and of the Meteoritical Society. In addition to writing and editing textbooks, he is a novelist and author of about 130 articles in scientific journals.

University's nursing program leads state in test scores

University nursing graduates posted a 95.9 percent passing rate on the July national licensing exam, the highest rate of the seven baccalaureate programs in South Carolina. Clemson's showing exceeded the national passing rate of 91.9 percent and the state pass rate of 93.9 percent.

"These results reflect a great deal of hard work and commitment by graduates and faculty," said Opal Hipps, dean of the College of Nursing.

Of 49 Clemson graduates taking the test for the first time, 47 passed, according to results from the South Carolina State Board of Nursing and the National Council Licensure Examination for Registered Nurses.

The scores represent another increase for Clemson, which had passing rates of 87 and 92 percent the past two test dates.

The exam measures basic competency to practice safe nursing at the entry level, said Robbie Hughes, head of the department of instruction for the college. Those who pass are awarded licenses allowing them to practice as registered nurses.

Senate postpones restructuring proposal, tells committee to continue study

Faculty Senators Nov. 13 examined a proposal to replace the Senate with an Academic Council that would include administrators.

Faculty Senate News

The Senate's ad hoc committee on restructuring recommended establishment of the council as a way to increase faculty authority in the University decision-making process.

"We are trying to work toward eliminating the time we spend sending items of concern back and forth between the administration and the faculty," said Senate President Allen Dunn (Forest and Recreation Resources). "It's just a matter of finding some way to do that."

"What I think everyone wants here is to find a system that will get faculty matters passed into policy," said Senate President-Elect John Luedeman (Sciences). "Working more closely with the administration can help us to accomplish that."

Other senators argued that including administrators on the council

would inhibit open discussion.

A friendly amendment to the proposal was offered asking the committee to continue its

work and to present other alternatives for consideration rather than calling for a vote at that time.

In other business:

- Senators agreed to continue efforts to get faculty member's public service work recognized for tenure, promotion and salary credit.

- Sen. Jeri Milstead (Nursing) reported that the Personnel Division has accepted the Senate's recommendations for changes to the University's substance abuse policy.

- Sen. Richard Conover (Forest and Recreation Resources) said the Scholastic Policies Committee is drafting a policy on undergraduate education requirements and invited anyone with comments on that subject to contact him in 294 Lehotsky Hall.

The next Senate meeting will be Tuesday, Dec. 11, at 3:30 p.m., in the Senate Chamber of University Union.

News Services looking for expertise on Mideast issues

The Department of News Services is looking for faculty members with expertise or research interests in areas related to the U.S. involvement in Saudi Arabia.

"Events in the Mideast are, naturally, being heavily covered by the national news media, and reporters are eager to talk to experts who can help them analyze what has happened or project what might happen next," said Cathy Sams, director. "News Services is compiling a directory of faculty members who could serve as sources of information for those reporters."

The extensive coverage of the potential conflict has already led to national stories about Clemson's research on chemical protective clothing and the Thurmond Institute's role in energy emergency planning. Scholarly work in history, political science, economics, sociology, military science, engineering and many other areas could also be relevant.

"We may have a faculty member who has recently been in Saudi Arabia or has just written a book about Iraq but won't be in the directory simply because we don't know about it," Sams said.

If you can contribute to the reporter's directory, call Sams at 656-2061.

Fresh citrus available through Holtzendorf YMCA

The Holtzendorf YMCA Center is sponsoring a fresh citrus sale.

Navel oranges, hamlin oranges, temple oranges and both pink and white grapefruit are available in 2/5 and 4/5 bushel cartons.

Prices vary according to quantity and variety.

Two sale dates are offered. Order

by Friday, Nov. 30, for pick up on Friday, Dec. 7, or order by Tuesday, Feb. 8, for pick up on Friday, Feb. 15.

To place your order, request a form from Holtzendorf YMCA Center or call 656-2460.

Proceeds will be used to help sustain programs and services provided for the community.

And the winner is...

Following are the winners in the department of risk management and safety's Benefits Fair drawing:

Fire extinguishers: Daphne Nessler, Ravenel Center and Betty James, Graduate School

First aid kit: Kathleen McLellan, University Relations

Magnetic Clemson Tiger Signs: David Kelly, Engineering Services and Bob Numeyer, Clemson House

Winners may pick up their prizes at the department of risk management and safety office in Gentry Hall.

Plant biotechnology seminars scheduled on campus

The S.C. Agricultural Experiment Station is sponsoring a series of plant biotechnology seminars this fall and next spring featuring 14 top scientists from other universities and industries in the United States.

According to D.C. Coston, Experiment Station associate director, funds are being earmarked to bring in outside speakers to conduct seminars and visit with Clemson scientists who are involved in plant biotechnology. A five-member faculty committee, led by plant pathologist Dwight Camper,

has scheduled speakers from other land grant universities and industries.

Camper says the seminars provide excellent opportunities for Clemson researchers and visiting scientists to educate each other on the newest techniques and methods being used in plant biotechnology and may help Clemson recruit more outstanding graduate students and post-doctoral fellows.

For more information, contact Coston at 656-3140.

Commission on Classified Staff Affairs

Mary Jo McAnally is a representative for Agriculture and Natural Resources.

She is an administrative specialist in Extension Administration and may be found in 107 Barre Hall.

"I want to help improve the staff benefits. The Staff Commission is the best place to accomplish that."--Mary Jo McAnally.



Staff Commission news:

Nominations made for vice chair

At its Nov. 13 meeting, the Commission on Classified Staff Affairs nominated Sandy Smith, a nurse supervisor at Redfern Health Center, and Patsy Sowell, a business manager for Livestock and Poultry Health in Columbia, for vice chairperson of the Commission. The position has been vacant since Bonnie Stephens resigned due to a job change earlier this fall.

"This is an important position because the vice chairperson will become the chairperson of the Staff Commission in July," said Pat Padgett, representative and former chairperson.

The nominees will be voted on at the next meeting on Tuesday, Dec. 11, at 10 a.m. in Lehotsky Hall Auditorium. University President Max Lennon will speak

continued on p. 4

Holiday happenings...

Historic houses deck their halls

A special reception to show off the holiday decorations at the University's historic houses, the John C. Calhoun House and Hanover House, will be held Friday, Dec. 7, from 5 to 8 p.m.

Refreshments and entertainment will enhance the festive atmosphere created by the traditional decorations area garden clubs have provided for the homes.

Tickets for the event are \$5 for adults and \$2 for children ages 6-12 and can be purchased on campus at the Trustee House or at either of the houses and at Lynch Drug Co. in downtown Clemson.

"We are only offering 300 tickets to prevent overcrowding,"

said event chair Julie Ransdell. "Any tickets not sold in advance will be available at the houses the evening of the party."

The decorated homes will be open to the public from 10 a.m. to 5 p.m. Monday through Saturday, and 2 p.m. to 5 p.m. Sunday through Dec. 16. Standard admission donations of \$3 for adults, \$2 for non-Clemson students and senior citizens, and \$1 for children ages 6-12, will apply during times other than the reception.

During regular visiting hours the houses are open to Clemson students, faculty and staff at no charge.

For further information about the reception or the holiday season at the houses, call 656-2061.



'A Christmas Carol' comes to Clemson

This endearing Charles Dickens' story will be performed Saturday, Dec. 8, at 8 p.m., in Tillman Hall Auditorium.

Tickets are \$6 for students and senior citizens and \$8 for the public.

For more information, call Performing Arts at 656-2461.

Staff Commission news *continued*

on leadership development

Other items addressed:

• The Faculty Senate presented the Staff Commission with a resolution to encourage the removal of ashtrays and the prohibition of the sale of tobacco products on campus. Members accepted the resolution only in part, stating they could not agree to banning the sale of tobacco products

to employees who might have no means of getting off campus to purchase products.

• Chairperson Ruth Taylor updated members on a resolution prepared by the Welfare Committee on the merit program for classified staff. The resolution was presented to the President's Cabinet where Dr. Lennon acknowledged the importance

of the resolution and said he would work to get it passed in the Legislature. The resolution requests that the EPMS program be funded on a permanent basis allowing for flexibility to reward employees adequately.

• Taylor requested ideas for special recognition for classified staff. Anyone with suggestions may contact Taylor at 656-5174.

Dates to remember:

Saturday, Dec. 1

—Swimming: College Invitational. Including UMBC, W. Va., VPI and Clemson. McHugh Natatorium. (656-2101)

—Women's Basketball: College of Charleston. 7 p.m., Littlejohn Coliseum. (656-2101)

—Indoor Track. Noon, Littlejohn Coliseum. (656-2101)

Sunday, Dec. 2

—Men's Basketball: Furman. 2 p.m., Littlejohn Coliseum. (656-2101)

—"Christmas Bells." United Methodist and First Baptist Churches of Clemson present their handbell choirs to play holiday selections outdoors at the Botanical Gardens. 2:30 p.m., FREE. (656-0203)

Monday, Dec. 3-Friday, Dec. 7

—Seminar: "Power Systems Analysis and Protection." Lehotsky Hall Auditorium. (656-3308)

Monday, Dec. 3-Friday, Dec. 14

—Rudolph E. Lee Gallery: Master of Fine Arts thesis exhibition. (656-3880)

Tuesday, Dec. 4

—"First Tuesday Briefing" luncheon. Noon, Alumni Center, \$5 for lunch reservations or bring your own lunch. Assistant Director of Public Safety John McKenzie will speak on campus safety. (656-2345)

Tuesday, Dec. 4-Wednesday, Dec. 5

—Seminar: "Textile Printing for the 90s." Fee required. Ramada Inn, Clemson. (656-2200)

Tuesday, Dec. 4-Friday, Dec. 7

—Seminar: "Work Methods and Standards." Ramada Inn, Clemson. (656-3308)

Wednesday, Dec. 5

—Employee Training: "DrugFree Workplace." 10 a.m.-noon.

Reservations necessary. (656-2627)

—Women's Basketball: UNC-Charlotte. 7 p.m., Littlejohn Coliseum. (656-2101)

—Clemson University Symphonic Band/Jazz Ensemble Joint Concert. 8 p.m., Tillman Hall Auditorium, FREE.

Thursday, Dec. 6

—"CU After Six" Chamber Singers. Christmas celebration. 8 p.m., Tillman Hall Auditorium, \$2 at the door.

Friday, Dec. 7-Sunday, Dec. 16

—Holiday Open House for the John C. Calhoun House and Hanover House. Tours from 10 a.m.-5 p.m., Monday-Friday; 2-5 p.m., Sunday. \$3 adults, \$2 non-Clemson students and senior citizens, \$1 ages 6-12, FREE to Clemson students, faculty and staff. Reception on Friday, Dec. 7, 5-8 p.m., \$5 adults, \$2 ages 6-12.

Saturday, Dec. 8

—"A Christmas Carol." A stage adaptation of the endearing Charles Dickens' story. 8 p.m., Tillman Hall Auditorium, \$6 students/senior citizens, \$8 public. (656-2461)

—"Sleeping Beauty." University Union movie. 1 p.m., Y-Theatre, \$1.

—Women's Basketball: South Carolina. 7:30 p.m., Littlejohn Coliseum. (656-2101)

—Men's Basketball: Wisconsin-Green Bay. 5 p.m., Littlejohn Coliseum. (656-2101)

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Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Nov. 30, for Dec. 19 issue.



Clemson

WEEKLY

Vol. 30, No. 17

Wednesday, Dec. 5, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

CU research to help limit nuclear arms

University scientists will work with counterparts in the Soviet Union on a newly-funded research project that could help stop the proliferation of nuclear arms.

The research will help develop verification technology for the next nuclear test ban treaty, said Lewis Duncan, principal investigator on the

project and physicist and associate dean in the College of Sciences.

In underground weapons tests, the earth vibrates like the surface of a drum, releasing an acoustic wave that expands and amplifies as it rises. With a \$262,000 grant from the U.S. Air Force Geophysics Laboratory, Duncan and associates will study that

phenomenon in order to help detect and identify underground weapons tests.

Corresponding seismic studies will be conducted by scientists from the University of Colorado, and the U.S. scientists will collaborate with researchers at the Institute for Physics of the Earth in Moscow.

As verification technology becomes more sophisticated, it will allow measurement of smaller and smaller explosions, as well as the ability to discriminate between these signals and similar events, such as small earthquakes or industrial explosions.

"If verification can be accomplished at a low enough level, we could even consider a comprehensive test ban treaty," Duncan said.

University Laundry 'cleans up' by recycling hangers

Isn't it frustrating when you take a garment out of your closet and it gets tangled with extra hangers? The University Laundry has provided a solution to your problem. You can now bring your unwanted hangers to the laundry for recycling.

In October, the laundry placed a hanger collection box near the front counter of the laundry facility at the Dillard Building. Customers are invited to bring in their extra hangers or take hangers from the box when needed. There is no charge for the

recycled hangers, and there is no limit on the number of hangers that may be dropped off or taken.

According to laundry services director Jackie Sheriff, "We already have a number of students who come get hangers, and there has been a lot of interest in bringing hangers in for recycling."

Hanger recycling is currently available only at the Dillard facility. For additional information, contact the University Laundry at 656-2033.

Retirement statements in the mail

Annual statements for all S.C. Retirement System members have been mailed from Recruitment and Employee Services.

Recruitment and Employee Services labels, sorts and mails the annual account statements in bulk to each member's office address.

If you joined the system after July 1, 1990, you will not receive a statement until November of 1991.

Those who are members of optional retirement plans (TIAA/CREF, Valic, or Mutual of America) do not receive S.C. Retirement System statements.

If you would like a copy of your statement placed in your official Personnel file, you should send a copy to Recruitment and Employee Services at 106 University Square.

Having a copy of your statement on file enables Retirement Services to assist you in projecting service credit or benefits and to assist your family in the event of your disability or death.

Check your service credit and account balances for accuracy, keeping in mind that the figures reflect activity only through June 30, 1990.

For details, call Frances Holliday at 656-3367.



Happy Birthday
The Library staff surprised Library director Joe Boykin with black balloons and dead roses in honor of his 50th birthday, Wednesday, Nov. 7. Boykin sports a top hat and cane as he poses next to his 1962 college senior photo.

Departmental notes

Agricultural Economics and Rural Sociology

At the AAEA meetings in Vancouver, B.C., in August, the following occurred:

- **H.M. Harris** (Prof) chaired a session and co-authored "Establishing a Resource Network for Business and Public Decision Makers."

- **M.S. Henry** (Prof) participated in "Rural Infrastructure Research Needs in the 1990s" and "Applications of I-O Analysis to Agricultural and Rural Research."

- **J.W. Jordan** (Prof), **Christian Mainguy** (Former Grad Asst), and **C. Parr Rosson** (Texas A&M Univ) presented the poster "Farm Level Impacts of Multilateral Trade Liberalization: Case Studies of the U.S. and France".

- **Jordan** and **Jim McGrann** (Texas A&M Univ) presented "Activities of the SEFMC for 1990-91."

- **E.A. McClain** (Asst Prof) published "Brazil: A New Start," in Agricultural Outlook in August.

Agronomy and Soils

N.H. Ferguson (Asst Prof) was appointed treasurer of the Agronomy Society of South Carolina.

- **E.G. Lawrence** (Former Res Assoc), **H.D. Skipper** (Prof), **D.T. Gooden** (Prof), **J.P. Zublena** (NC St Univ), and **J.E. Struble** (N Dakota St Univ) published "Persistence of Carbamothioate Herbicides in Soils Pretreated with Butylate" in Weed Science.

- **J.A. Martini** (Prof) published "A Personal Experience in the Teaching-Learning Experience" in Journal of Agronomic Education. **Martini** published "Soybean Root Growth and Nutrient Uptake as Affected by Lime Rates and Plant Age I, Al, Mn, P, and S" in Turrialba.

- **E.C. Murdock** (Prof), **B.W. Pinkerton** (Asst Prof), and **J.H. Palmer** (Prof)

published "County Agronomic Crop Production Meetings: Perceptions of Extension Agents and Extension Agronomy Specialists" in Journal of Agronomic Education.

- **E.R. Shipe** (Prof), **H.L. Musen** (Prof Emeritus), **J.J. Mueller** (Assoc Prof), **G.C. Weiser** (Former Asst Prof), and **P.F. Williams** (Ag Sci Assoc III) published "Registration of 'Perrin' Soybean" in Crop Science.

- **Skipper** published "Enhanced Biodegradation of Carbamothioate Herbicides in South Carolina" in Enhanced Biodegradation of Pesticides in the Environment.

- **H.T. Skorupsa** (Assoc Prof) served as coordinator and presented "Current Research in Soybean Cytogenetics" at the National Soybean Breeders/Entomologists Workshop in St. Louis, Mo., in February.

- **S.U. Wallace** (Prof) received the 1990 Outstanding Teacher award from the Clemson Chapter of Gamma Sigma Delta.

- **Wallace**, **D.M. Jariel** (Grad Asst), **S.A. Hull** (Ag Sci Assoc), **U.S. Jones** (Prof), and **H.P. Samonte** (Univ of Phillipines at Los Banos) presented "Response of Maize Genotypes to Several Soil Acidity Factors" at the Second International Symposium on Plant-Soil Interactions at Low pH, in Beckley, W. Va.

Bioengineering

Jonathan Black (Prof) served on the scientific committee and chaired a session at Biointeractions '90: Biomaterials for the Nineties conference in Oxford, UK, in August.

Chemistry

At the 11th Biennial Conference on Chemical Education in Atlanta, Ga., the following occurred:

- **C.B. Bishop** (Assoc Prof) presented "A Tool for Teaching Acid/Base Titration Calculations."

- **Bishop** presented "Clusters, A Different Phase of Matter, a Graduate Course."

- **M.M. Cooper** (Asst Prof) presented "Writing in General Chemistry."

At the American Chemical Society meeting in Washington, D.C., in August, the following occurred:

- **M.B. Bishop** (Prof) presented the poster paper "Photoinduced Charge Transfer in Mass Selected Organic Metallics."

- **J.D. Peterson** (Prof, Dept Hd), **L.W. Morgan** (Grad Asst), and **W.T. Pennington** (Lect) presented "Ground and

Excited-State Properties of Polymers Containing Cu(II) and Other Related First-Row Species."

- **K. Dill** (Prof), **S. Hu** (Former Grad Stud), and **L. Huang** (Grad Stud) published "Two-Dimensional NMR Spectral Study (at 500 MHz) of a Glyco-Octapeptide Derived from Glycophorin AM" in the Journal of Carbohydrate Chemistry.

- **A.L. Kholodenko** (Assoc Prof) published the following papers:

- "Fermi-Bose Transmutation: from Semiflexible Polymers to Superstrings" in Annals of Physics, in August.

- "Onsager's Reaction Field for the Potts Model From the Path Integral" in Journal of Statistical Physics, in January.

Peterson presented the following papers at the American Chemical Society meeting in Boston, Mass., in April:

- "Photoproduction of Molecular Hydrogen in Mixed-Metal Bimetallic Complexes; Modification of Bridging Ligand II* Orbital Levels," co-authored by **D.B. MacQueen** (Grad Asst).

- "Structural Aspects of Complexes Containing Cu(II) and 2,2'-Bipyrimidine and Related Ligands," co-authored by **Morgan** and **Pennington**.

Peterson presented "Ground and Excited-State Properties of Polymetallic Complexes" at the Fourteenth Department of Energy Solar Photochemistry Conference in Lake Harmony, Pa., in June.

Peterson and **MacQueen** published "Hydrogen Production Through the Photochemistry of Mixed-Metal, Bimetallic Complexes" in Inorganic Chemistry.

Peterson and **MacQueen** published "Luminescent Polymetallic Complexes" in Coordination Chemistry Reviews.

Peterson, **Pennington**, and **M.A. Billadeau** (Grad Asst) published "Crystal and Molecular Structure of 2,2'-Bipyridineiodo-2,2':6',2'-terpyridineruthenium(II) Hexafluorophosphate" in Acta Cryst.

Computer Science

R.M. Geist (Prof) presented "Towards Conservative Reliability Predictions for Real-Time Software," co-authored by **A.J. Offutt** (Asst Prof), and "Markov Based Enhancement of Image Information Content" to a group of researchers at NASA Langley Research Center in June.

Geist presented "Colored Noise Inversion in Digital Halftoning," co-authored by **R. Reynolds** (Grad Asst) in Halifax, Nova Scotia, Canada, in June, which was published in the proceedings of Graphics Interface '90. **Geist** presented



Parking reminder:

Fines for parking violations will be discounted by 50 percent if paid within 15 days of the ticket date.

"Parametric Error Analysis" and "Extended Behavioral Decomposition" at a HARP Workshop in Durham, N.C., in July.

Geist presented "Modeling Recovery Time Distributions in Ultrareliable Fault-Tolerant Systems," co-authored by M.K. Smotherman (Assoc Prof) and R. Talley, at the 20th IEEE International Symposium on Fault Tolerant Computing, which was published in the proceedings of the conference.

S.M. Hedetniemi (Assoc Prof) presented "Successes Despite Extremely Limited Computing Time in a Primary Classroom," co-authored by Helen Robinson, at the National Educational Computing Conference (NECC) in Nashville, Tenn., in June.

D.P. Jacobs (Assoc Prof) presented "Deciding Identities: Nonassociative Algebraic Computation" at the SIAM 1990 annual meeting in Chicago, Ill., in July.

Jacobs presented "A Computer Algebra System for Nonassociative Identities" at the Fifth International Conference on Hadronic Mechanics and Nonpotential Interaction at the University of Northern Iowa in August. Offutt presented "Using Symbolic Execution to Aid Automatic Test Data Generation," co-authored by E.J. Seaman, at the 5th Annual Conference on Computer Assurance, in Washington, D.C., in June, which was published in the proceedings by IEEE Computer Society.

Offutt presented "Using Mutation Analysis to Test Software" at the 7th International Conference on Testing Computer Software (ACM) in San Francisco, Calif., in June, which was published in the proceedings.

R.P. Pargas (Assoc Prof) presented "Production Scheduling through Distributed Simulation," co-authored by J.C. Peck (Prof), at the 4th International Conference on Expert Systems in Production and Operations Management in Hilton Head in May.

Peck presented "Near Term Scheduling Simulation" at the focus group meeting of the Defense Logistics Agency in Alexandria, Va., in August.

Smotherman presented "Numerical Solution Techniques" at the HARP Workshop at Duke University in Durham, N.C., in July.

D.E. Stevenson (Assoc Prof) presented "1001 Reasons for Not Proving Programs Correct," at the 5th Conference on Computers and Philosophy at Stanford University in August.

R.H. Untch (Grad Asst) presented Teaching Programming Using the Karel the Robot Paradigm Realized with a

Conventional Language" at the National Educational Computing Conference (NECC) in June, which was published in the proceedings of the NECC 1990 Conference.

English

James R. Andreas (Prof) delivered the following:

- "Silencing the Vulgar Shakespeare" at the meeting of the Shakespeare Association of America in Philadelphia, Pa., in April.

- "The Rhetoric of the Canterbury Links in the Medieval and Postmodern View" at the meeting of the New Chaucer Society in Canterbury, England, in August.

Andreas published the following: "Silencing the Vulgar and Voicing the Other Shakespeare" in Nebraska English Journal.

- "'Newe Science' from 'Olde Bokes': A Bakhtinian Approach to 'The Summoner's Tale'" in Chaucer Review.

Hallman B. Bryant (Prof) contributed articles on the following:

- Henri Fuseli and Sir George Beaumont to A Dictionary of Romanticism.

- Blackwoods Magazine and Sir Noel Paton for The Eighteen-Nineties: An Encyclopedia of British Art and Culture.

- A bibliographical essay on Robert Browning for The St. James Guide to Biography.

Bryant chaired a section on the romantic period at the British Studies Symposium at Appalachian State University in October.

Bryant published a book on John Knowle's A Separate Peace in June.

Beth Daniell (Asst Prof) published "The Situation of Literacy and Cognition: What We Can Learn from the Uzbek Experiment" in The Right to Literacy.

Martin Jacobi (Assoc Prof) published the following:

- "Using the Enthymeme to Emphasize Ethics in Professional Writing Courses" in Journal of Business Communication.

- Research Basic Writing: A Bibliographic Sourcebook, in spring 1990.

Jacobi chaired "The Conflict in the Humanities" for the Georgia-South Carolina College English Association Conference in Atlanta, Ga., in the spring.

Jacobi presented "Strategies for Incorporating the Humanities in Professional Writing Courses: A Report on a National Survey" at the College English Association's Twenty-first Annual Conference, in Buffalo, N.Y., in spring 1990.

G.W. Koon (Prof) gave the opening

address for Presbyterian College's series on the American South in September.

Lucy Rollin (Asst Prof) was the keynote speaker for the August meeting of Spartanburg County Media Specialists Association.

Edward P. Willey (Assoc Prof) published the following poems:

- "Blindworld" in Key West Review.
- "Seniority" in Manhattan Poetry Review.

- "Walking Tour" in Colorado-North Review.

- "Inside Out", "S. Johnson", and "Working Class Relics" in Re: Arts & Letters.

Art Young (Prof) published the following:

- "Writing-across-the-Curriculum Techniques for Teaching Shelley" in Approaches to Teaching Shelley's Poetry.

- "Storytelling in a Technical Writing Class: Classroom-Based Research and Community" in The Writing Teacher as Researcher: Essays in the Theory and Practice of Class-Based Research.

- A review of Coleridge's Philosophy of Social Reform by Charles De Paolo in Clio: A Journal of Literature, History, and Philosophy of History.

- A review of Writing as Social Action by Marilyn Cooper and Michael Holzman in Journal of Advanced Composition.

Young and Toby Fulwiler (Univ of Vermont) edited "Programs That Work: Models and Methods for Writing Across the Curriculum."

Entomology

T.M. Brown (Prof), and P.K. Bryson

continued on p. 4

To submit departmental notes:

All departmental notes, complete with department head and college dean signatures, should be submitted on proper forms to the vice provost for undergraduate studies, Jerry Reel. Departmental notes must be approved by that office prior to publication.

For copies of the form and more information, contact Ruth Brock (656-3022) in the vice provost's office.

(Res Spec II) received a patent for "Synergistic Insecticidal Compositions and Method for Use for Same" in June.

Brown and Bryson presented "Characteristics of Methyl-paraoxon-Resistant Acetylcholinesterase of *Heliothis virescens*" to the International Union of Pure and Applied Chemistry Seventh International Congress of Pesticide Chemistry, in Hamburg, Germany, in August.

Brown presented "Resistant and Susceptible Acetylcholinesterases of the Tobacco Bud worm" to the US-Japan Symposium on pesticides and the future, in Rockville, Md., in August.

K.M. Hoffman (Grad Stu), and **J.C. Morse** (Prof) published "Descriptions of the females of three *Polycentropus* species (Trichoptera: Polycentropodidae)" in the proceedings of the Entomological Society of Washington.

-Employee Training: "Interpersonal Skills." Poole Room, Clemson House. 9 a.m.-4 p.m. Reservations required. (656-2727)

Wednesday, Dec. 12-Thursdays, Dec. 13
—Seminar: "Simulation Modeling." 101 Riggs Hall. (656-3308)

Saturday, Dec. 15
—Women's Basketball: Augusta College. 7:30 p.m., Littlejohn Coliseum. (656-2101)
—Men's Basketball: UNC-Charlotte. 5 p.m., Littlejohn Coliseum. (656-2101)

Monday, Dec. 17
—Men's Basketball: S.C. State. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Wednesday, Dec. 19
—General Faculty and Staff meeting. 10 a.m., Tillman Hall Auditorium.

Thursday, Dec. 20
— Graduation.

Master Teacher applications sought

Faculty are urged to submit nominations for the Master Teacher-in-Residence program. Generally, master teachers will be on campus anywhere from a few weeks or a semester to a full academic year.

Criteria for selection are:

- Evidence of distinguished scholarly or creative achievement.
- Evidence of distinguished achievement in undergraduate teaching.
- Perceived benefits to the University community flowing from the outline of proposed activities which the holder will engage in during his or her tenure.
- Equitable distribution of benefits of the chair among the various colleges and departments of the University.
- Compatibility of proposed activities with the University's strategic plan.

For more information, contact Joe Dickey at 656-3124.

Dates to remember:

Through Sunday, Dec. 16
—Historic Houses' Open House. Calhoun House and Hanover House will be decorated with holiday trimmings. 10 a.m.-5 p.m., \$3 adults, \$2 non-Clemson students and senior citizens, \$1 children age 6-12, FREE to Clemson students, faculty and staff. Special reception with refreshments and entertainment to be held Friday, Dec. 7, 5-8 p.m., \$5 adults, \$2 children age 6-12. (656-2061)

Saturday, Dec. 8
—"A Christmas Carol." A stage adaptation of the Charles Dickens' story. 8 p.m., Tillman Hall, \$6 students/senior citizens, \$8 public. (656-2461)
—"Sleeping Beauty." University Union movie. 1 p.m., Y-Theatre, \$1.
—Women's Basketball: South Carolina. 7:30 p.m., Littlejohn Coliseum. (656-2101)
—Men's Basketball: Wisconsin-Green Bay. 5 p.m., Littlejohn Coliseum. (656-2101)

Sunday, Dec. 9
—"Weird Science." University Union movie. 7 & 9:15 p.m., Y-Theatre, FREE.

Monday, Dec. 10
—Black Faculty and Staff Meeting, 4:45 p.m., F149 Poole Agricultural Center.

Tuesday, Dec. 11
—Seminar: "Linear Programming." 101 Riggs Hall. (656-3308)
—Commission on Classified Staff Affairs meeting. Guest speaker, Dr. Max Lennon on leadership development. 10 a.m., Lehotsky Hall. (Ruth Taylor, 656-5174)
—Faculty Senate meeting. 3:30 p.m., Student Senate Chambers, University Union. (Allen Dunn, 656-4829)

Wednesday, Dec. 12
—Safety Training: "Workers' Compensation." 10:30 a.m., FM&O Conference Room, FREE. (656-2441)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Editor.....Debra Andrews

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Dec. 14, for Jan. 2 issue.



Clemson

WEEKLY

Vol. 30, No. 18

Wednesday, Dec. 12, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Smith named to student affairs post

Student Affairs administrator Joy Shuler Smith begins the new year as associate vice president and dean of student health, recreation and career services.

Smith will oversee a new unit which includes the Career Center, Counseling Center, intramural sports program, student health services and the University Union.

"The challenge has never been greater to provide activities and services that stay current with student needs and that enhance student life outside the classroom," said Nick Lomax, vice president for Student Affairs. "Joy brings exceptional talent and experience to this new position."

Smith has been on the Student Affairs staff since 1977 and student development director since 1982. She earned her bachelor's and master's degrees from Clemson, and is com-



Joy Smith

pleting course work for her doctorate from USC.

She joins Lomax, associate vice presidents Almeda Jacks and B.J. Skelton, and athletic director Bob Robinson as top level administrators in the Student Affairs division.

Astronaut will receive honorary degree

NASA astronaut Bonnie Dunbar and John McAllister, S.C. conservationist and businessman, will receive honorary degrees at graduation Dec. 20. Dunbar will also speak.

Dunbar joined NASA in 1978 and became an astronaut in 1981. She has logged 430 hours in space and was a mission specialist on the January 1990 Columbia flight, the longest shuttle mission to date.

McAllister, a 1949 Clemson graduate, is mayor of Mount Carmel. He has chaired the Savannah Valley Authority since its founding in 1971 and is a past recipient of the "Lifetime Service Award" from the S.C. Economic Development Association.

Two philanthropists will receive the President's Award at the ceremony — Mrs. Calhoun (Kathryn) Lemon of Barnwell and Mrs. Robert R. (Lois) Coker of Hartsville.

Graduation is at 11 a.m. on Thursday, Dec. 20, in Littlejohn Coliseum. The general faculty and staff meeting will be Wednesday, Dec. 19, at 10 a.m. in Tillman Auditorium.

Alcohol policy in revision

A revised alcohol and substance abuse policy has been drafted and is currently undergoing administrative review. When approved, it will replace an interim policy circulated several months ago.

The *Clemson Weekly* will carry more information about the new policy and about the Employee Assistance Program in a future issue.

In the meantime, contact personnel director Ray Thompson at 656-3360 if you have questions or comments.

Retiring in 1991?

If you're retiring in 1991, you should request your retirement benefits estimate by Friday, Jan. 4.

You should also plan to attend one of the two retirement planning meetings on Thursday, Jan. 24. They will be in G-22 Lehotsky Hall from 8:30 a.m. to noon and from 1 to 4:30 p.m.

A private consultant from the Social Security Administration will be on hand, along with representatives of the S.C. Retirement System and the University payroll/benefits office.

The seminars are sponsored by the Recruitment and Employee Services office. For more information, call Frances Holliday at 656-3367 or Marla Thomas at 656-4678.

Proposal workshop planned

A one-day Proposal Writing Workshop will be presented by the Office of University Research next month.

Wendell McBurney, dean of sponsored programs and research at Indiana University, will lead the workshop on Friday, Jan. 18, from 8 a.m. to 4 p.m. in the Student Senate Chambers. Attendance is limited to 75, and you must register by January 11.

Faculty can get registration blanks from their department heads or call the research office in Martin Hall at 656-2375.

A full-color University flag lapel pin is now available from the Alumni Association.

You can buy them for \$3 each at the Alumni Center.

Quantities are available for departments.

Departmental notes

Environmental Systems Engineering

L.G. Rich (Prof), and Eric J. Wahlberg (Grad Asst) published "Performance of Lagoon-Intermittent Sand Filter Systems," in Research Journal of the Water Pollution Control Federation.

Experimental Statistics

P.M. Burrows (Prof) presented "Effects of Vector Preference for Healthy Plants on Progress of Stochastic Epidemics" at the annual meeting of the American Phytopathology Society, in Grand Rapids, Mich., in August.

W.C. Bridges (Assoc Prof) and S.J. Knapp (Ore St Univ) published "Programs for Mapping Quantitative Trait Loci Using Flanking Molecular Markers" in the Journal of Heredity.

Bridges organized and chaired the Statistical Consulting and Expert Systems session at the annual meeting of the American Statistical Association, in Anaheim, Calif., in August.

Fertilizer & Pest Control

Von McCaskill (Dept Hd) was awarded the "Tribute of Appreciation" at the annual meeting of the Association of American Control Officials in Greensboro, N.C., in August.

Forest Resources

W.H. Conner (Asst Prof) published "Composition and Productivity in Bottomland Hardwood Forest Ecosystems: The Report of the Vegetation Workgroup" in Ecological Processes and Cumulative Impacts.

Conner and J.R. Toliver (USDA Forest Service) published "Observations on the Regeneration of Baldcypress (*Taxodium distichum*) in Louisiana Swamps" in Southern Journal of Applied Forestry.

R.F. Harlow (Grad Asst), and D.H. Van Lear (Prof) published "Effects of Prescribed Burning on Mast Production" in proceedings of the workshop Southern Appalachian Mast Management."

Harlow and A.T. Doyle (US Forest Service) published "Food Habits of Southern Flying Squirrels (*Glaucomys volans*) Collected from Red-Cockaded Woodpecker (*Picoides borealis*) Colonies in South Carolina" in American Midland Naturalist.

J.L. Haymond (Asst Prof) published "Wildlife Attitudes of Early Adopters

Who Own Forestland" in Society and Natural Resources.

G.D. Kessler (Prof) published "Step Two—Restoring the Forest After Hurricane Hugo" in a Clemson University Cooperative Extension Service circular in July.

C.L. Lane (Prof) published "Forest Stand Conversion from Hardwoods to Pine: Twenty-Three Years Later" in proceedings of the 7th North American Forest Soils Conference.

S.K. Nodine (Instr) published "Directory of Primary Forest Industries in South Carolina 1990" in a Clemson University Cooperative Extension Service bulletin.

R. Zahner (Prof) and C.E. Crier (Exp Stat) published "Concept for a Model to Assess the Impact of Climate on the Growth of the Southern Pines" in Process Modeling of Forest Growth Responses to Environmental Stresses.

History

David Nicholas (Prof, Dept Hd) published Law, Custom, and the Social Fabric in Medieval Europe, co-edited by Bernard S. Bachrach. Nicholas published "The Governance of Fourteenth-Century Ghent. The Theory and Practice of Public Administration" in the same volume.

Denis Paz (Assoc Prof) published "Bonfire Night in Mid-Victorian Northants: The Politics of a Popular Revel," in Historical Research: The Bulletin of the Institute of Historical Research.

Paz was named "Outstanding Centennial Alumnus" of the University of North Texas by the College of Arts and Sciences.

Home Economics

Clyde T. Mounter (Prof) participated in the following in August:

- a panel presenting Clemson University resources in volunteer leader-

ship development at the Volunteerism Conference at Clemson.

- the National Impact Study for Leadership Development in Extension at the Leadership Development Seminar in Milwaukee, Wis.

- the National Extension Homemakers Council meeting in Milwaukee, Wis. Mounter attended the American Home Economics Association meeting in San Antonio, N.M., in June.

Mounter was elected a director on the executive board of the Association of Leadership Educators in Milwaukee, Wis.

Horticulture

D.W. Bradshaw (Assoc Prof) hosted the annual meeting of the Region V American Iris Society at Clemson University.

Languages

Helene M. Riley (Prof) published the following reviews in Colloquia Germanica:

- "German Romantic Stories. Eichendorff, Brentano, Chamisso, and others."
- "Clemens Brentano. Erzählungen."
- "Bettine von Arnim and the Politics of Romantic Conversation."
- "Der Staat und das Drama. Der preubische Schillerpreis 1859-1918."
- "Achim von Arnim's 'Novellensammlung 1812'. Balance and Mediation."

Riley published the following:

- "Women Writers of Germany, Austria, and Switzerland: An Annotated Bio-Bibliographical Guide" in Journal of English and Germanic Philology.
- "The Myth of a Nation: Literature and Politics in Prussia under Napoleon" in South Atlantic Review.
- "Achim von Arnims Frauengestalten in 'Mistis Lee', 'Frau von Saverne' und in den 'Verkleidungen des französischen Hofmeisters'" in Neue Tendenzen der Arnimforschung.

Commission on Classified Staff Affairs

Patsy Sowell is a representative for off-campus classified staff.

She is a business manager with Livestock and Poultry Health and can be contacted at P.O. Box 102406 in Columbia.

"I'm interested in representing the off-campus personnel because I think it's important to improve the communication between them and the campus."--Patsy Sowell



Management

Jeffrey S. Harrison (Asst Prof) presented two papers at the National Academy of Management meeting in San Francisco, Calif.

Harrison published papers in the following:

- the Journal of Business Strategies.
- the Academy of Management Journal.

Harrison published a case study of the Yugo automobile venture in new test books by Dryden and PWS-Kent, and presented it at the National Case Research Association annual meeting, in Orlando, Fla., in November.

Harrison presented two papers at the annual meeting of the Decision Sciences Institute in November, co-authors were Hall, Caron H. St. John (Asst Prof) and Suresh Prabhu (Doct Grad).

Larry LaForge (Prof) and **Emre Veral** (Former Doct Stud) published "The Integration of Cost and Capacity Considerations in Material Requirements Planning Systems" in Decision Sciences.

St. John published the following:

- "Marketing and Manufacturing Agreement on Goals and Planned Actions" in Human Relations.
- "Managing the Marketing-Manufacturing Interface", co-authored by Hall, in Industrial Marketing Management.

St. John presented the following:

- "Agreement Within the Operations Infrastructure: An Exploratory Study," co-authored by Scott Young (Univ of Utah), at the annual meeting of the Academy of Management, in San Francisco, Calif., in August.

- "JIT Purchasing Relationships: Implications for Small Business" with Kirk Heriot (Doct Cand) at the annual meeting of the Southern Management Association, in Orlando, Fla., in November.

Philosophy and Religion

Charles H. Lippy (Prof) edited Twentieth-Century Shapers of American Popular Religion, which was named Outstanding Academic Book of 1989 by Choice magazine.

Stuart Silvers (Dept Hd) published Representation.

Silvers published "Representational Capacity, Intentional Ascription, and the Slippery Slope" in Philosophy of Science.

Silvers presented "Ignoble Intellect" at the College of Liberal Arts Annual Honors and Awards Day, in March.

Planning Studies

Herb Norman (Asst Prof) completed requirements for a Ph.D. in city planning and geography from Michigan State University.

Plant Pathology and Physiology

At the VII International Congress on Plant Tissue and Cell Culture in Amsterdam, The Netherlands, in June, the following occurred:

- **B.M. Baker** (Former Grad Asst) and **N.D. Camper** (Prof) presented the poster "Shoot Organogenesis from Leaf Discs in Response to Benzyladenine."

- **R.J. Keese** (Ag Sci Assoc II) and **Camper** presented the poster "Shoot Organogenesis in Tobacco (*Nicotiana tabacum* L. cv. Burley 21) in Response to Benzyladenine."

At the South Carolina Academy on Science in March, the following occurred:

- **Baker** and **Camper** presented "Leaf Disc Response to Benzyladenine Concentration."

- **Camper** and **W.H. Johnston** (Former Grad Asst) presented "Herbicide Degradation in Pretreated Soil."

- **Keese** and **Camper** presented "Absorption of Hazardous Materials by Peat Moss—A Biological Clean-up Technique."

At the Second International Nematology Congress in Veldhoven, The Netherlands, in August, the following occurred:

- **B.A. Fortnum** (Prof) presented "Mulch Color Affects Yield of Fresh Market Tomatoes Infected with Root-knot Nematodes," co-authored by **D.R. Decoteau** (Asst Prof), and **M.J. Kasperbauer** (Adj Prof).

- **Stephen A. Lewis** (Prof) presented "Host Suitability of Selected Gramineous Plants for Populations of Meloidogyne Arenaria," co-authored by **I.K.A. Ibrahim** (Former International Scholar) and **David Harshman** (Ag Sci Assoc II).

- **Lewis** presented "Races of Heterodera Glycines in South Carolina," co-authored by **C.E. Drye** (Prof), **J.A. Saunders** (Ag Sci Assoc III), **J.M. Halbrendt** (Former Ag Sci Assoc II), and **E. Shipe** (Prof).

- **J.D. Mueller** (Assoc Prof) presented "Host Suitability and Yield Response of Corn Hybrids and a South Carolina Composite to *Hoplolaimus columbus*," co-authored by **Fortnum** and **Lewis**.

- **Melissa B. Riley** (Ag Sci Assoc II) presented "Effect of *Neloidogyne incognita* and *Crictonemella xenoplax* on ACC and MACC content in peach (*Prunus*

persica (L) Batsch)" co-authored by **George E. Carter** (Dir, Undergraduate Studies).

Camper presented "Effects of Pesticide Degradation Products on Soil Microflora" at the National American Chemical Society in Washington, D.C.

Camper presented the following lectures to the Biochemistry Department at Cairo University in Cairo, Egypt, in May:

- "Techniques and Applications of Plant Tissue Culture."
- "Mode of Action of Plant Growth Regulators."

- "Metabolism and Effects of Herbicides in Plant Tissue Culture."

Lewis is president-elect of the Society of Nematologists.

Nursing

Mary de Chesnay (Prof, Dept Hd) presented "Rural Home-Based Psychotherapy" at the Rural Health Nursing Conference in Greeley, Colo., in April.

Robbie B. Hughes (Assoc Prof, Head) was elected secretary of the Appalachian District of South Carolina Nurses Association.

Sociology

B.J. Vander Mey (Assoc Prof) chaired the section "Domestic Violence and Abuse" at the Southern Sociological Society Meeting in Louisville, Ky., in March.

Undergraduate Studies

Jack Stevenson (Asst Dean) led a workshop, "Dealing with Difficult People," in Columbia, in September.

To submit departmental notes:

All departmental notes, complete with department head and college dean signatures, should be submitted on proper forms to the vice provost for undergraduate studies, Jerry Reel. Departmental notes must be approved by that office prior to publication.

For copies of the form and more information, contact Ruth Brock (656-3022) in the vice provost's office.

Dates to remember:

Saturday, Dec. 15

—Women's Basketball: Augusta College. 7:30 p.m., Littlejohn Coliseum. (656-2101)
—Men's Basketball: UNC-Charlotte. 5 p.m., Littlejohn Coliseum. (656-2101)

Monday, Dec. 17

—Men's Basketball: S.C. State. 7:30 p.m., Littlejohn Coliseum. (656-2101)

Wednesday, Dec. 19

—General Faculty and Staff meeting. 10 a.m., Tillman Hall Auditorium.

Thursday, Dec. 20

—Graduation. 11 a.m., Littlejohn Coliseum.

Wednesday, Jan. 2

—Women's Basketball: N.C. State. 7 p.m., Littlejohn Coliseum. (656-2101)

Saturday, Jan. 5

—Women's Basketball: Brigham Young. 7 p.m., Anderson Civic Center. (656-2101)

Monday, Jan. 7

—Wrestling: Kent State. 7 p.m., Jervey Gym. (656-2101)

Tuesday, Jan. 8

—Employee Training: "Introduction to Supervision." 9 a.m.-4 p.m., reservations necessary. (656-2727)
—"First Tuesday Briefing" luncheon. Noon, Alumni Center, \$5 for lunch reservations or bring your own lunch. David Larson, vice president for business and finance, will speak on the 1991-92 budget/appropriations outlook. (656-2345)
—Commission on Classified Staff Affairs meeting. 10 a.m., 113 Lehotsky Hall. (Ruth Taylor, 656-5174)
—Faculty Senate meeting. 3:30 p.m., Student Senate Chambers, University Union. (Allen Dunn, 656-4829)
—Men's Basketball: Virginia. 9 p.m., Littlejohn Coliseum. (656-2101)
—Wrestling: Boise State & Carson-Newman. 5 & 7 p.m., Jervey Gym. (656-2101)

Wednesday, Jan. 9

—Women's Basketball: Virginia. 7 p.m., Littlejohn Coliseum. (656-2101)
—Employee Training: "Introduction to Supervision." 9 a.m.-4 p.m., reservations necessary. (656-2727)

Thursday, Jan. 10

—Black Faculty and Staff meeting. 4:45 p.m., F149 P&A.

Friday, Jan. 11

—Women's Basketball: Maryland. 7 p.m., Littlejohn Coliseum. (656-2101)

Saturday, Jan. 12

—Men's Basketball: Wake Forest. 12:30 p.m., Littlejohn Coliseum. (656-2101)
—Wrestling: Appalachian State. 7 p.m., Jervey Gym. (656-2101)

Monday, Jan. 14

—Women's Basketball: Radford. 7 p.m., Littlejohn Coliseum. (656-2101)
—Wrestling: Iowa. 7 p.m., Jervey Gym. (656-2101)

Monday, Jan. 14-Friday, Jan. 18

—Wellness Challenge V registration. \$30. 8:30 a.m.-4:30 p.m., Wellness Center, College of Nursing. (656-5479)

Friday, Jan. 18

—"Proposal Writing Workshop" sponsored by Office of University Research. 8 a.m. - 4 p.m., Student Senate Chambers. (656-2375)

Monday, Jan. 21-Sunday, Feb. 24

—Rudolph E. Lee Gallery: "Folk: The Art of Benny and George Andrews." Recent works by painter Benny Andrews and painter/sculptor George Andrews. (656-3883)

To submit master calendar events:

The *Clemson Weekly* keeps a master listing of all upcoming academic and cultural events, both on and off campus, that involve University employees.

Submit items for the master calendar to the *Clemson Weekly* at the Alumni Center (656-3860).

Call the Clemson University Information Line (656-INFO) for a recorded message of daily events at the University.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Director of Constituent CommunicationsMargaret Pridgen
We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is THURSDAY, Dec. 20, for Jan. 9 issue.



Clemson

WEEKLY

Vol. 30, No. 19

Wednesday, Dec. 19, 1990

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Construction fence to go up around Brackett

Traffic will slow and some employee parking spaces will be lost around Brackett Hall when preparations begin next month to completely renovate the building.

As *Clemson Weekly* went to press, a final decision had not been made on exactly where the fence will go. However, the fence apparently will go up in January, and parking will be eliminated along Calhoun Drive in front of Brackett.

If vehicular traffic is allowed, it will be reduced to one south-bound lane.

We'll have further details in a *January Weekly*.

New award for TAs established

Clemson's outstanding graduate teaching assistants will finally get the recognition they deserve under a new awards program just set up and announced by the graduate school.

Two candidates will be honored annually. They must be full-time graduate students in good academic standing who spend at least 25 percent of their time teaching.

Nominations will be accepted from undergraduate students, fellow GTAs and faculty members. Each nomination must be supported by two letters of reference from faculty, and two from students in one of the nominee's classes.

Nomination forms will be available Feb. 1 and due back at the Graduate School by April 1. The first two recipients will be chosen by April 15; winners will be recognized at August graduation.

Contact Graduate School Dean Farrell Brown at 656-3195 for more information.



Windham Hill Jazz Recording Artist Henry Butler will perform Saturday, Jan. 19, at 8 p.m., in Tillman Hall Auditorium. Butler draws on jazz, blues and gospel traditions for his distinct sounds. For ticket information, call 656-2461.

NOTE: University holidays are Dec. 21 to 26, Dec. 31 and Jan. 1, 1991. This will be the last *Clemson Weekly* until Wednesday, Jan. 9. Happy holidays!

Fike, Clemson House set holiday schedules

Fike Recreation Center will be closed during University holidays, but open other days on a restricted break schedule until Jan. 9, 1991.

Weekday open hours are: Fike and indoor tennis courts, 7:30 am - 6 pm; pool, 11 am - 4 pm; coliseum and varsity track, 8 am - 2 pm.

Weekend hours differ, but family hours are all hours during the holiday break. Call 656-2315 for information.

Underwood named assessment director

David G. Underwood has been named director of the University's new Office of Assessment.

The position was created to help Clemson develop a comprehensive assessment program in order to meet the increasing requirements of the S.C. Commission on Higher Education and the Southern Association of Colleges and Schools.

Underwood, who holds bachelor's and master's degrees from Western Kentucky University, earned a doctorate in educational psychology from Indiana University. Before coming to Clemson, he was coordinator of outcomes assessment at New Mexico State University.

In addition to his duties as director of assessment at Clemson, he will be an assistant professor in the College of Education.



**Director of Assessment
David Underwood**

The Clemson House dining room will be closed from Dec. 21 to Jan. 20, 1991, to allow for renovation work on the ventilation/fire suppression system. ARA Catering Services will resume service to other meeting rooms in the Clemson House after Jan. 7.

Harcombe Dining Hall will be closed Dec. 16-Jan. 6; Schilletter will close Dec. 15-Jan. 7.

Departmental notes

Chemical Engineering

Doug Hirt (Asst Prof) presented "Study of Impact-Induced Delamination in Interleaved PMR-15 Composites" at the Society of Plastics Engineers/Advanced Polymer Composites Regional Technical Conference in Los Angeles, Calif., in October.

Computer Science

P.J. Bernhard (Asst Prof) presented "Maximizing Congestion-Free Message Patterns for Bundled Omega Networks," co-authored by D.J. Rozenkrantz, at the Twenty-Eighth Annual Allerton Conference on Communication, Control, and Computing, in Champaign-Urbana, Ill., in October.

Environmental Systems Engineering

Susan Cooper Brown (Former Grad Stud), C.P. Leslie Grady (Prof) and Henry H. Tabak published "Biodegradation Kinetics of Substituted Phenolics: Demonstration of a Protocol Based on Electrolyte Respirometry" in Water Research.

Grady published "Biodegradation of Toxic Organics: Status and Potential" in the Journal of Environmental Engineering.

Victor T. Volskay (Former Grad Asst) and Grady published "Respiration Inhibition Kinetic Analysis" in Water Research.

Forest Resources

W.H. Conner (Asst Prof) and J.R. Toliver (USDA Forest Service) published "Long-term Trends in the Bald-Cypress (Taxodium Distichum) Resource in Louisiana (USA)" in Forest Ecology and Management.

A.W.C. Lee (Prof) and G.C.C. Sun (Grad Asst) published "Forest Products Trade Between U.S.A. and R.O.C. and Associated Problems" in proceedings of the 1990 Joint International Conference on Processing and Utilization of Low-Grade Hardwoods and International Trade of Forest-Related Products in Taipei, Taiwan, in June.

J.H. Syme (Lect) and R.L. Clarke (Asst Prof) published "The Panama Canal Giveaway: A Strategic Mistake" in Defense Transportation Journal in August.

History

J.L. Arbena (Prof) published the following:

- a review of Robert M. Levine's, Images of History: Nineteenth and Early Twentieth Century Latin American Photographs as Documents in South Eastern Latin Americanist in June.

- "Generals and Goles: Assessing the Connection Between the Military and Soccer in Argentina" in The International Journal of the History of Sport, in May.

- "Deporte y cambio social" in Pretextos in August.

- "The Diffusion of Modern European Sport in Latin America: A Case Study of Cultural Imperialism?" in South Eastern Latin Americanist in March.

Arbena presented the following:

- "Sport and Nationalism in Latin America: The Paradox of Promoting and Performing 'European' Sports" at the second conference of the International Society for the Study of European Ideas, in Leuven, Belgium, in September.

- "Sport, Development, and Mexican Nationalism, 1920-1970" at the VIII Conference of Mexican and North American Historians, in San Diego, Calif., in October.

Richard M. Golden (Prof) published the following reviews in Religious Studies Review in October:

- Hermiticism and the Renaissance: Intellectual History and the Occult in Early Modern Europe.
- Sorceries, justice et societe aux 16e et 17e siecles.

- Les familles protestantes en France XVe siecle-1792. Guide des recherches biographiques et genealogiques.

- Godly Zeal and Furious Rage: The Witch in Early Modern Europe.

Michael R. Heintze (Dir of Admissions) reviewed Maxine D. Jones's and Joe M. Richardson's Talladega College: The First Century in Journal of Southern History.

Thomas J. Kuehn (Assoc Prof) reviewed Samuel Cohn's Death and Property in Siena, 1205-1800 in Journal of Modern History, September.

Home Economics

Sara Ayers Bagby (Prof) was elected 1991 chair of the Southern Region Assistant Directors of Extension—Home Economics and to the 1991 Leadership Committee, Southern Region Assistant Directors of the Cooperative Extension Service.

Bagby was appointed chair of the

Priority Issues Committee of the American Home Economics Association.

Bagby presented "Challenge for the Future: Focus on Minorities in Gerontology," co-authored by Glennis Couchman (Okla St Univ), at the National Summit on Building Minority Participation in Home Economics.

Rose J. Davis (Prof) received a Commendation Award at the South Carolina Dietetic Association meeting in appreciation of outstanding service.

Davis, Gracie J. Conyers (Ext Area Agent), and Letha M. Eagleton (EFNEP Prog Asst) won first prize for their poster session, "Developing Awareness of Hypertension in the African-American Church," at the South Carolina Dietetic Association meeting in October.

Languages

Edwin P. Arnold (Prof) presented "The New Neues Deutschland: Chronicle of a Peaceful Revolution" at the MIFLC at Radford College in Va., in October.

Arnold received a grant from the West German Federal Ministry of Intra-German Affairs for travel into the former German Democratic Republic, in June, as a portion of the German Study Abroad Program.

Methchild Cranston (Prof) was elected president of the Southern Comparative Literature Association at the meeting held at Appalachian State University in Boone, N.C., in September.

Helene M. Riley (Prof) published the following:

- "Anna Louisa Karsch" in Dictionary of Literary Biography.

- "Der Griff 'in die Dornen der Zeit': Bettina von Arnims politischer Aktivismus" in Giest und Gesellschaft. Zur deutschen Rezeption der Franzosischen Revolution.

Harry E. Stewart (Prof) presented "Jean Genet's 'Moral Insanity'" at the MIFLC at Radford College in Va., in October.

Jose I. Suarez (Assoc Prof) published the following:

- "El impacto queirosiano en Valle-Inclan," in Discurso Literario.

- "Maintaining a Portuguese Program" in Hispania.

Suarez presented the following:

- "Para uma Leitura da Poesia de Alberto Caeiro" at the Fourth Biennial

Northeast Regional Meeting of the American Association of Teachers of Spanish and Portuguese in Providence, R.I., in September.

- "Misperceptions of Language/Business Programs in the Academic and Business Communities" at the annual meeting of the American Association of Teachers of Spanish and Portuguese, in Miami Beach, Fla., in August.

Library

Richard W. Meyer (Librarian) published the following articles:

- "Management, Cost and Behavioral Issues with Locally Mounted Databases" in Information Technology and Libraries.

- "Earnings Gains Through the Institutionalized Standard of Faculty Status," in Library Administration and Management.

- "Librarian Salaries: Paid What We're Worth?" in College and Research Libraries News.

Mechanical Engineering

E.H. Law (Prof) presented "Investigation of Four Wheel Steering Systems During Cornering and Breaking" at the Ford Motor Company 5th Worldwide Vehicle Dynamics Conference, in Dearborn, Mich., in October.

Nursing

Arlene Privette (Asst Prof) received a Summer Dissertation Fellowship from the University of South Carolina.

Privette presented "Selected Self-Regulatory Variables in Clients with Chronic Health Problems" at the University of South Carolina in July.

Performing Arts

Peter Loge (Inst) presented the following:

- "Argument Theory and Foreign Policy Analysis: The Toulmin Model and West German Governmental Opinion of the SDI and ATBM" at the International Studies Association's southern meeting in Raleigh, N.C.

- lectures on debate strategy at the Southeast Cross Examination Debate Association fall workshop at Austin Peay University in Clarksville, Tenn.

- "The Nuclear Sublime in Popular Culture" at the Popular Culture Association in the South/American Culture Association meeting in Montgomery, Ala.

Loge published "Context Variance: An Examination of the Paradigm Variation

in CEDA Debate," co-authored by William Baker (Columbia Univ) in the CEDA Yearbook.

Political Science

Charles W. Dunn (Prof) presented "European Community/United States Cooperation in Education" at the Woodrow Wilson International Center for Scholars in Washington, D.C., in October.

Psychology

Thomas R. Alley (Assoc Prof) published "Review of Ecological Research with Children and Families: From Concepts to Methodology" in Child Development Abstracts and Bibliography.

Eugene Gallusico (Dept Hd, Prof) published Biological Psychology.

David J. Senn (Assoc Prof) and **A. Thomas** (Univ of Ga) published "The Effects of Presentational Style and Professional Qualifications of High and Low Self-monitor's Ratings of Job Applicants" in SEPA, April.

Mary Anne Taylor (Asst Prof) presented "Examining Fairness Perceptions of Preferential Treatment" at the annual convention of the American Psychological Association in August.

Risk Management and Safety

Linda J. Rice was appointed to the University Risk Management and Insurance Association's executive board in Miami, Fla., and will chair the planning committee.

Sociology

John M. Coggeshall (Asst Prof) published the following:

- a review of Warehousing Violence, by Mark Fleisher, in American Anthropologist.

- "Those Who Surrender are Female: Prisoner Gender Identities as Cultural Mirror," in Customs In Conflict: the Anthropology of a Changing World.

Penny Anthony Green (Asst Prof) published "The Evolutionary Foundations of Revolution," co-authored by Joseph Lopreato, in The Sociology of Conflict.

Green presented "Female Reproductive Strategies: A Comparison of Primate Species, Including Homosapiens," co-authored by Bonnie Lorie Hooks, at the meeting of the Human Behavior and Evolution Society at UCLA in Los Angeles, Calif., in August.

Cynthia Rexroat (Asst Prof) published "Race and Marital Status Differences in the

Labor Force Behavior of Female Family Heads: The Effect of Household Structure" in Journal of Marriage and the Family, in August.

John Ryan (Assoc Prof) published the following:

- "Folk and Commerical in Popular Music" in Contemporary Sociology.

- "The Locus of Sport Hunting and Fishing in Four Taste Cultures: A Lesson in Accounting for Taste," co-authored by Richard A. Peterson (Vanderbilt Univ) in Theories, Concepts, Methods and Results of Life Style Research in International Perspective.

- "When Art Becomes News: Portrayals of Art and Artists in Network Television News," co-authored by Deborah A. Sim (Greenville Co Museum of Art) in Social Forces.

Ryan presented "Are We Becoming a More Emotional Society" at the American Sociological Society annual meeting in Washington, D.C., in August.

Youth Development & 4-H

Diane G. Smathers (Prof) presented "Toward the 21st Century: Will Home Economics Survive?" at the Pennsylvania Home Economics Association annual meeting and awards banquet in Lancaster, Pa.

Smathers was installed as national president-elect of Phi Upsilon Omicron and presented "Home Economics in the 21st Century" at the biennial conclave, in Houston, Texas, in July.

To submit departmental notes:

All departmental notes, complete with department head and college dean signatures, should be submitted on proper forms to the vice provost for undergraduate studies, Jerry Reel. Departmental notes must be approved by that office prior to publication.

For copies of the form and more information, contact Ruth Brock (656-3022) in the vice provost's office.

Dates to remember:

Wednesday, Jan. 2

—Women's Basketball: N.C. State. 7 p.m., Littlejohn Coliseum. (656-2114)

Saturday, Jan. 5

—Women's Basketball: Brigham Young. 7 p.m., Anderson Civic Center. (656-2114)

Monday, Jan. 7

—Wrestling: Kent State. 7 p.m., Jervy Gym. (656-2114)
Registration for spring semester.

Tuesday, Jan. 8

—Employee Training: "Introduction to Supervision." 9 a.m.-4 p.m., reservations necessary. (656-2727)

—First Tuesday Briefing luncheon: "1991-92 Budget/Appropriations Outlook" by David Larson, VP for business and finance. Noon, Alumni Center, \$5 for lunch reservations or brown bag it. (656-2345)

—Commission on Classified Staff Affairs meeting. 10 a.m., 113 Lehotsky Hall. (Ruth Taylor, 656-5174)

—Faculty Senate meeting. 3:30 p.m., Student Senate Chambers, University Union. (Allen Dunn, 656-4829)

—Men's Basketball: Virginia. 9 p.m., Littlejohn Coliseum. (656-2114)

—Wrestling: Boise State & Carson-Newman. 5 & 7 p.m., Jervy Gym. (656-2114)

Wednesday, Jan. 9

—Women's Basketball: Virginia. 7 p.m., Littlejohn Coliseum. (656-2114)

—Employee Training: "Introduction to Supervision." 9 a.m.-4 p.m., reservations necessary. (656-2727)
Classes begin.

Thursday, Jan. 10

—Black Faculty and Staff meeting. 4:45 p.m., F149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Friday, Jan. 11

—Women's Basketball: Maryland. 7 p.m., Littlejohn Coliseum. (656-2114)

Saturday, Jan. 12

—Men's Basketball: Wake Forest. 12:30 p.m., Littlejohn Coliseum. (656-2114)

—Wrestling: Appalachian State. 7 p.m., Jervy Gym. (656-2101)

Monday, Jan. 14

—Women's Basketball: Radford. 7 p.m., Littlejohn Coliseum. (656-2114)

—Wrestling: Iowa. 7 p.m., Jervy Gym. (656-2114)

Monday, Jan. 14-Friday, Jan. 18

—Registration: Wellness Challenge V, Wellness Center (Ron Alexander, 656-5479)

Tuesday, Jan. 15

—Employee Training: "Introduction to Supervision." 9 a.m.-4 p.m., reservations necessary. (656-2727)

Wednesday, Jan. 16

—Employee Training: "Introduction to Supervision." 9 a.m.-4 p.m.,

reservations necessary. (656-2727)

—Men's Basketball: Western Carolina. 7:30 p.m., Littlejohn Coliseum. (656-2114)

—The Warsaw Wind Quintet and Michikko Otaki. Clemson University Concert Series featuring Japanese pianist and woodwind quintet. 8 p.m., Daniel Auditorium, FREE.

Thursday, Jan. 17

—"Third Thursday at the Thurmond." Strom Thurmond Institute, Topic: "The South Carolina Sting," 8 p.m., FREE. (656-4700)

—Employee Training: "Computer Applicant Referral System." 9-11 a.m., reservations necessary. (656-2727)

Friday, Jan. 18

—Proposal Writing Workshop. Sponsored by Office of University Research. 8 a.m.-4 p.m., Student Senate Chambers. (656-2375)

Saturday, Jan. 19

—Swimming: N.C. State. 2 & 5 p.m., McHugh Natatorium. (656-2114)

—Men's Basketball: Temple. 12:25 p.m., Littlejohn Coliseum. (656-2114)

—Henry Butler, Windham Hill Jazz Artist. 8 p.m., Tillman Hall Auditorium, \$6 students/senior citizens, \$8 public. (656-2461)

To submit master calendar items:

The *Clemson Weekly* keeps a master list of upcoming events. It includes all academic and cultural events, both on and off campus that involve University employees.

Submit items for the master calendar to *Clemson Weekly*, Alumni Center (656-3860).

Call 656-INFO for a recorded message about daily events at the University.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Director of Constituent Communications Margaret Pridgen

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Dec. 28, for Jan. 16 issue.



Clemson

WEEKLY

Vol. 30, No. 20

Wednesday, Jan. 9, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson's vision is to be the best of its peers, Lennon tells faculty

Clemson University is starting to take itself seriously as a university, and its goal is nothing less than being the best in its league, President Max Lennon said at the year-end faculty-staff meeting Dec. 19.

More than a year of self-study, strategic planning and assessment activities — some mandated by accreditation requirements — have convinced people inside and outside the University that Clemson can be a national leader, he said.

"Our vision for the future is simply this: Clemson University will become the nation's leading technologically-oriented land-grant university," he said. "Notice that I didn't say, 'one of the leading.' If we set that as a goal, many people would say we're already there."

The goal is part of a statement on Clemson's "vision for the future," developed by consensus from faculty, staff, administrators and students involved in strategic planning and assessment at the University.

Lennon said Clemson is ahead of the curve in dealing with many of the critical issues facing higher education today, such as planning and evaluation of programs. "The one exception is globalization, but we're making

progress," he said.

Also at the faculty meeting, Gary Ransdell, vice president for institutional advancement, gave an update on the Campaign for Clemson, the University's ongoing \$62 million fundraising drive.

"The whole purpose of the Campaign for Clemson is to help you do a better job," Ransdell told faculty members. "To give you better facilities to work, better equipment and a stronger library, to bring you better students, and to bring in colleagues who will challenge you and improve our standing as an institution nationwide," Ransdell said.

During the rest of the campaign, Ransdell said fundraisers will focus on gifts in the range of \$1 million and up. He also noted that while goals in some categories, such as faculty enrichment, have been reached, others, such as facilities, still need work.

But Ransdell said the campaign had already accomplished more than many people predicted. "One consultant advised us that our donor base would not support more than a \$25 million campaign."

The campaign has netted almost \$58 million in commitments so far.



Bluesman John Hammond will perform Tuesday, Jan. 22, at 9 p.m. in Edgar's.

Hammond has recorded for Atlantic, Vanguard and Rounder Records, toured or recorded with John Mayall, Stevie Ray Vaughan, Robert Cray and John Lee Hooker, and has appeared at festivals ranging from Newport to New Orleans to Montreux.

Admission to Edgar's is \$4 in advance, \$6 at the door.

Vision for the Future:

Clemson University will become the nation's leading technologically oriented land grant university.

This end will be achieved through an uncompromising passion for excellence in undergraduate and graduate teaching, research and public service.

The University will emphasize science, technology and innovation and will be dedicated to providing a liberal education that fosters integrity, critical thinking, a global view and leadership for a changing world.

President Max Lennon
December 1990

Brawley honored with second Class of '39 Award for Excellence

Joel Vincent Brawley Jr., Alumni Professor in the department of Mathematical Sciences, has been named recipient of the "Class of '39 Award for Excellence," Clemson's most prestigious award for faculty achievement.

Last year's awardee, English professor Dixie Goswami, made the presentation to Brawley at graduation December 20.

The award, which includes a grant of \$5,000, is given to recognize outstanding service to the student body, the University and the larger community. The Faculty Senate selects the recipient on behalf of the full faculty.

Brawley has long been known for his teaching ability and was recognized in 1981 with the title of Alumni Professor, says math sciences department head Rich Ringeisen, who nominated him. Every year, the overwhelming majority of Brawley's students rate him an excellent teacher on the department's student evaluation forms.

He also is a noted researcher in finite field theory, an area of algebra.



Alumni Professor Joel Brawley

He has served for 16 summers as a research consultant for the National Security Agency in Fort Meade, Md.

Brawley also is principal investigator for one project and a team member of another designed to bring recent mathematical technology to South Carolina's public schools.

In 1991, he will lead a national pilot project at Clemson aimed at better preparing mathematics doctoral students as teachers, in addition to researchers.

A native of Mooresville, N.C., he received his bachelor's, master's and doctorate degrees from N.C. State University.

News you need

Job List available

Employees can now access the CU Job List through DORIS. You don't even need a computer ID.

The printed list is available to departments. Individuals may also visit the Recruitment Services Office (106 University Square), or call one of the local job lines: Pickens County (868-2324), Oconee County (882-9568) or Anderson County (646-9405).

Clemson House rates fall

Here's good news for some departmental budgets. Rates for the 28 hotel rooms on the 7th floor of the Clemson House have gone **down**.

The rooms are not rented to the general public. All guests must be invited to campus by a University department or business.

Single rooms which did rent for \$45 per night are now \$35. Doubles have dropped from \$52 to \$40. Three-room suites are now \$40 per night as well.

Call 656-2082 for information or reservations.

Drive defensively

A Defensive Driving class will be offered Jan. 10-11 at the Police Department court room, 1-4:30 p.m. Call Freddie Harbin at 656-3365 to register.

Library orientation

Orientation tours of the R.M. Cooper Library will be offered through Jan. 17. The tours include instruction on LUIS and DORIS, the library's online information systems. The schedule is:

Sunday, Jan. 13 at 2:30 p.m.

Monday, Jan. 14 at 11 a.m.

Tuesday, Jan. 15 at 4 p.m.

Wednesday, Jan. 16 at 1:30 p.m.

Thursday, Jan. 17 at 10:30 a.m.

Reservations are not needed.

Call 656-5179 for more information.

Staff Commission news:

Commission elects new officers

The Commission on Classified Staff Affairs Dec. 11 elected Patsy Sowell, a business manager with Livestock and Poultry Health, as vice chair/chair-elect.

She'll become Commission chair in July to serve for FY1991-92.

University President Max Lennon, guest speaker for the Commission's December meeting, urged staff members to take advantage of the University's personal and professional development resources.

He said the staff's degree of professionalism and service directly affect public perception of the Univer-

sity, since staff members are often a campus visitor's first contact with Clemson.

In other business:

— The Policy Committee is working on a resolution to make shuttle-bus routes accessible in the center of campus.

— The Welfare Committee is investigating employee-recognition programs and a possible leave-study policy for classified staff.

— The Commission, which offered its first scholarship in the fall of '90, will offer two scholarships for the '91-92 academic year.



Agronomist Jim Palmer and Provost David Maxwell

Palmer receives service award

Agronomist Jim Palmer received the Alumni Award for Cooperative Extension Distinguished Public Service at the faculty/staff meeting in December.

Palmer, who has been at Clemson since 1966, was cited for his key role in helping soybeans remain a viable crop in South Carolina. He was a leader in developing management software and BEAN-AID, an expert system for soybean producers.

A past recipient of the Extension Superior Performance Award, Palmer earned his B.S. and Ph.D. degrees from Clemson and his masters from UGA.

The service award is one of three given to faculty members each year by the Alumni Association. The others are for research and teaching.

Get the low down on the infamous Statehouse Sting from John Harley, FBI agent-in-charge for South Carolina, and others.

Third Thursday at the Thurmond, Jan. 17 at 8 p.m., Strom Thurmond Institute auditorium.

Guess what? It's FREE!

Senate studying guidelines for eliminating academic departments

A Faculty Senate committee is studying proposed guidelines for establishing and eliminating academic departments.

The proposal, initiated by the Board of Trustees' Educational Policy Committee, lists criteria such as number of faculty, faculty-student ratios, and accreditation for determining departmental status.

Senate President Allen Dunn (Forest and Recreation Resources) distributed the guidelines at the Senate's Dec. 11 meeting. He said faculty comments should be directed to the Senate's Policy Committee chairman, Nursing's Jeri Milstead (656-5493).

In other reports, Senate Presi-

dent-Elect John Luedeman (Sciences) said a new round of fund-raising efforts is planned to complete funding for the faculty's Centennial Professorship.

The goal is to raise \$100,000 in contributions, primarily from faculty, to match \$100,000 in state funds. Faculty members nominate and select the Centennial Professor, currently mechanical engineer Jim Goree.

Contributions now total about \$60,000.

Student Body President Derrick Pierce, the Senate's guest speaker, said priority issues for Student Government include moving the date of fall break and revising elements of the policies on withdrawal hours and retaking a course.

Deadlines to note:

Staff Commission Scholarships

The Commission on Classified Staff Affairs will sponsor two \$1,000 renewable scholarships for the 1991-92 academic year.

Applicants must:

- Complete a Financial Aid Form (FAF) by **Jan. 31**.

- Complete the scholarship application with the Financial Aid Office by **March 1**.

- Provide a letter stating that the student is the son or daughter of a current, permanent classified-staff member.

For more information call the Financial Aid Office, 656-2280.

Phi Kappa Phi nominations

Phi Kappa Phi is accepting nominations for faculty and staff in two categories -- those who were eligible as undergraduates but attended an institution without a Phi Kappa Phi chapter, and those who have distinguished themselves by scholarly achievement.

Deadline is **Feb. 8**.

Members new to the area are also encouraged to contact Phi

Kappa Phi. Contact Debbie Dunning at 656-2468, or Bill Bridges at 656-3012.

Alumni Travel Program

Faculty and staff are urged to suggest ideas for trips they would like to lead through the "PassPort" Alumni Travel program. Send your ideas by **Jan. 31** to Harry Durham, chairman of the travel advisory committee, at the Trustee House.

For information on the program, call Dixie McAfee at 656-2345.

And congratulations to:

Department of Parks, Recreation and Tourism Management, for receiving a Commendation of Excellence from the SC Commission on Higher Education. An external review team during a CHE review judged the department "clearly one of the strongest in the Southeast."

The **Office of Risk Management and Safety**, for implementing a fleet safety program which led to Clemson being awarded the "Most Improved Agency" safety award for FY89-90 from the state Budget and Control Board.

Send events to "Master Calendar," Clemson Weekly, Alumni Center

Dates to remember:

Thursday, Jan. 10

—Black Faculty and Staff meeting. 4:45 p.m., F149 Poole Agricultural Center.

Friday, Jan. 11

—Women's Basketball: Maryland. 7 p.m., Littlejohn Coliseum. (656-2114)

Saturday, Jan. 12

—Men's Basketball: Wake Forest. 12:30 p.m., Littlejohn Coliseum. (656-2114)
—Wrestling: Appalachian State. 7 p.m., Jervey Gym. (656-2114)

Monday, Jan. 14

—WHEN (Women in Higher Education Network) buffet lunch, guest speaker U.S. Rep. Liz Patterson (D-SC). Noon, Ramada Inn. (656-5787)
—Women's Basketball: Radford. 7 p.m., Littlejohn Coliseum. (656-2114)

Monday, Jan. 14-Friday, Jan. 18

—Wellness Challenge V registration. \$30. 8:30 a.m.-4:30 p.m., Wellness Center, College of Nursing. (656-5479)

Tuesday, Jan. 15

—Employee Training: "Introduction to Supervision." 9 a.m.-4 p.m.,

reservations necessary. (656-2727)

Wednesday, Jan. 16

—Employee Training: "Introduction to Supervision." 9 a.m.-4 p.m., reservations necessary. (656-2727)
—Men's Basketball: Western Carolina. 7:30 p.m., Littlejohn Coliseum. (656-2114)
—Concert Series: The Warsaw Wind Quintet and Michiko Otaki. Japanese pianist and woodwind quintet. 8 p.m., Daniel Auditorium, FREE. (656-3043)

Thursday, Jan. 17

—Third Thursday at the Thurmond: "The South Carolina STING." Strom Thurmond Institute auditorium, 8 p.m., FREE. (656-4700)

Friday, Jan. 18

—Proposal Writing Workshop. Sponsored by Office of University Research. 8 a.m.-4 p.m., Student Senate Chambers. (656-2375)
—Women's Tennis: UNC-Charlotte. Sloan Tennis Center. (656-2114)

Saturday, Jan. 19

—Swimming: N.C. State. 2 p.m., McHugh Natatorium. (656-2114)
—Men's Basketball: Temple. 12:25

p.m., Littlejohn Coliseum. (656-2114)
—Henry Butler, Windham Hill Jazz Artist. 8 p.m., Tillman Hall Auditorium, \$6 students/senior citizens, \$8 public. (656-2461)

Sunday, Jan. 20

—Swimming: North Carolina. 1 p.m., McHugh Natatorium. (656-2114)

Monday, Jan. 21

—Employee Training: "Accounting Policies and Procedures Update." 8:30-11:30 a.m., reservations necessary. (656-2727)

Monday, Jan. 21-Sunday, Feb. 24

—Rudolph E. Lee Gallery: "Folk: The Art of Benny and George Andrews." Recent works by painter Benny Andrews and painter/sculptor George Andrews. (656-3880)

Tuesday, Jan. 22

—John Hammond, blues guitarist and singer, 9 p.m., Edgar's. \$4 in advance, \$6 at the door. (656-2461)
—Employee Training: "Accounting Policies and Procedures Update." 8:30-11:30 a.m., reservations necessary. (656-2727)
—Lecture: "Ice, Fire and Vegetation on a High Tropical Mountain," by geography professor Sally Horn, University of Tennessee. 3:30 p.m., 200 Hardin Hall. (656-5368)

Wednesday, Jan. 23

—Employee Training: "Accounting Policies and Procedures Update." 8:30 a.m.-11:30 a.m., reservations necessary. (656-2727)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Director, Constituent CommunicationsMargaret Pridgen

We welcome your comments and suggestions. Call us at 656-3860. Send calendar items and write us at the Alumni Center.

DEADLINE is FRIDAY, Jan. 4 for the Jan. 16 issue.

Was your New Year's resolution to get fit? Sign up for the Wellness Challenge the week of Jan. 14-18. Call 656-5479.

Clemson

WEEKLY

News Special

Monday, Jan. 14, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Dr. Maxwell will retire next year

Clemson's Board of Trustees learned at their Friday (Jan. 11) meeting that the university's chief academic officer, Dr. David Maxwell, will retire at the end of calendar year 1991. Dr. Maxwell has been vice president for academic affairs and provost at the university since 1980.

"David Maxwell is a primary reason that Clemson University is emerging as one of the leading land-grant universities in the nation," President Max Lennon told the board.

"A university does not enjoy the kind of success and growth that Clemson has seen in recent years unless it has a strong academic foundation. And it cannot have that foundation — particularly in these highly competitive times — without the kind of outstanding leadership that David Maxwell has provided.

"Dr. Maxwell's commitment to excellence at both the undergraduate and graduate level has been contagious, spreading to the place where it really counts — the classroom. We will miss his daily presence, but I'm glad to know that the university will continue to reap the benefits of his tenure for many years to come."

Although he's retiring, Maxwell shows few signs of slowing down. In fact, he expects his final year at Clemson to be one of the busiest of his administrative career.

In 1991, he'll help wrap up Clemson's self-study for accreditation, serve on the commission of the Southern Association of Colleges and Schools accrediting board, and chair a committee of the Council of Presidents to develop a statewide plan for higher education in South Carolina.

The full agenda will provide a fitting cap to an eventful and sometimes tumultuous decade. Since coming to Clemson, Maxwell has:

- * served simultaneously as vice president for academic affairs and vice

president for business and finance (a position he says he never would have survived without the full support and guidance of business staff members);

- * managed five budget cuts within a three-year period;

- * served under three presidents;

- * hired eight deans;

- * helped expand the university's definition of public service to include government (with the addition of the Strom Thurmond Institute) and public education (with the addition of the National Dropout Prevention Center);

- * helped secure supplemental state funding for honors programs in South Carolina.

He considers his greatest achievement was gaining acceptance for a stronger tenure and promotion system, out of which came what he calls one of the best faculty manuals in the nation.

In his spare time, he's served as an adviser to the Central Bank of Thailand, written a graduate-level textbook and co-authored a book on the economic development of Thailand, and published a number of articles in scholarly journals.

But what he considers one of his greatest achievements at Clemson was gaining acceptance for a strengthened tenure and promotion system, out of which came what he calls one of the best faculty manuals in the nation and a stronger, more qualified faculty.

"Clemson is a much stronger institution than it was 10 years ago. It is academically stronger, and the growth in research has been phenomenal. And I don't think that has been to the detriment of teaching. In fact, I



Provost David Maxwell

think it has strengthened our teaching," said Maxwell, winner of an award for teaching excellence at Indiana University.

"As I've said before, if you are living on intellectual capital acquired a decade ago and are not contributing anything new to your field, then you are a professor without anything to profess."

If there is a threat to teaching in Clemson's immediate future, it may come from an over-emphasis on assessment rather than an over-emphasis on research. Maxwell says the current focus on accountability is laudable, but he also sees potential for abuse.

"There's the chance that you will not only throw out the baby with the bath water but throw out the baby and keep the bath water, simply because it's possible to measure how dirty it is," he says.

"There is much good that can result from assessment, but there is also much that can be used to the detriment of the university. It can result in an attempt to quantify the unquantifiable, or worse, to see only quantifiable things as valuable."

continued on page 2

Public Affairs office now a part of Institutional Advancement division

At the Jan. 11 board meeting, trustees were also told that the university's governmental relations programs, including the office of public affairs, which acts as liaison with the state legislature, the governor's office and other state agencies, has been made a part of the division of institutional advancement.

The office, located in Columbia, will join the departments of university relations, alumni relations, communications and external relations, and development in the division.

"The office of public affairs is a welcome addition to the advancement team," said Gary Ransdell, vice president for institutional advancement. "This action will allow us to fully coordinate our external programs. The role of the office of public affairs has always been important, but that is particularly true in this time of fiscal constraints.

"Our public affairs staff is key to the communication with the State House, and joining their expertise with that of the rest of the Institutional Advancement staff will help us better serve the university and its varied constituencies, as well as enhance the communication that occurs

between them. What we hope to do is continue to build on the fine reputation Clemson enjoys among state and federal policy makers."

President Lennon said he hopes the change will enhance coordination of university activities in Columbia.

"Because Clemson is a major state agency that must interact with other state agencies, most of which are in Columbia, a number of Clemson employees frequently need to deal with various aspects of state government," Lennon said.

"If that interaction is to be effective, it must be coordinated. It is important that the Columbia office be well informed regarding all communication originating from Clemson. In return, the staff in Columbia will need to offer information and guidance to employees so that they can be more effective in those dealings," he said.

"It is especially important at this time for Clemson to fully coordinate its dialogue with the General Assembly and be totally open and professional in its approach."

Wade Green in the office of public affairs can be reached at 737-0690. The vice president for institutional advancement, Gary Ransdell, can be reached at 656-2124.

Prince gets APO honor

Board member Philip H. Prince of Pawleys Island was given Alpha Phi Omega's National Distinguished Alumnus Award at the board meeting Jan. 11.

Prince, a 1949 graduate, is retired senior vice president of American Express Co. and currently chairs the University's \$62-million Campaign for Clemson.

He was cited for professional achievements, civic volunteerism and service to Clemson.

We goofed!

The Warsaw Wind Quintet concert on Wed., Jan. 16, is not free. It's a part of the Concert Series. Tickets are \$7 and \$4, but it's free to Clemson students.

It begins at 8 p.m. in Tillman.

Maxwell

Continued from page 1

But it's time for someone else to worry. Maxwell says that 10 years is enough, both for him and the institution he serves.

"I still love the job. It is always challenging and always rewarding. But a university needs to upset the apple cart every now and then to get in some fresh perspectives, and it's time to do so here."

Maxwell expects a search committee to be established during the spring semester to begin the task of finding a new provost. He hopes that individual will be on board by the time he leaves at the end of December.

As for his future plans, he'll only say that he hopes to continue to contribute to higher education in South Carolina in some capacity.

But he does have a few words of advice for his successor: "Retain your sense of humor, and never draw any conclusions until you hear from the other side."

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Director, Constituent CommunicationsMargaret Pridgen
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DEADLINE is FRIDAY, Jan. 18 for the Jan. 30 issue



Clemson

WEEKLY

Vol. 30, No. 20

Wednesday, Jan. 16, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Two departments merge in Agricultural Sciences College

The new year brought the consolidation of two Agricultural Sciences departments.

Jan. 1 marked the beginning of the Animal, Dairy and Veterinary Sciences Department, which combines the students, faculties, staffs, facilities and equipment of the former dairy science unit and the former animal and veterinary sciences unit.

The consolidation, approved by the Board of Trustees, permits a more effective sharing of resources without negatively affecting the functions or capacities of the faculty in these programs, said Provost David Maxwell.

He said the move is in keeping with similar consolidations at other

land-grant universities.

Milton Wise, vice president for agriculture and natural resources, said the consolidation encourages a close working relationship between livestock producers and Clemson faculty and students.

The new department has about 115 students and 29 faculty members on campus and at the Research and Education Centers in Florence, Blackville and Pontiac.

Dairy science was one of the first areas of study at Clemson, becoming a department in 1917. Animal science followed two years later.

William Foley, formerly head of animal and veterinary sciences, leads the combined department.



Ron Kendall

Kendall named to head department of environmental toxicology

Ron Kendall, director of The Institute of Wildlife and Environmental Toxicology (TIWET), has been named head of the University's new environmental toxicology department.

The new academic unit, approved during the fall by the Board of Trustees, is in the College of Agricultural Sciences and includes six faculty members.

Kendall projects that about 20 students will enroll in the department next fall.

The environmental toxicology department parallels TIWET's focus on ways to manage toxic substances, such as hazardous wastes and pesticides, so they are less harmful to wildlife and the environment.

The department will be housed in TIWET's new \$3.3 million research facility in Pendleton.

Kendall has a bachelor's degree from the University of South Carolina, a master's from Clemson, and a doctorate from Virginia Tech.



The internationally acclaimed Boys Choir of Harlem will perform Feb. 13 as part of Clemson's two-month "Celebration of the African American Experience 1991." Other activities are listed on page 3.

Deadline is Feb. 1 for teaching award proposals

A new Teaching Awards Program is putting some muscle -- in the form of money -- behind efforts to improve undergraduate teaching at Clemson.

Proposals are being accepted now for funding by the awards committee, and a deadline is coming up.

Decisions will be made in March for proposals received by Feb. 1.

The committee invites all faculty members to submit proposals to support activities that will enrich the educational experience of undergraduate students. Some examples are:

- programs to help beginning graduate teaching assistants and new faculty members develop or improve their teaching skills;

- stipends to faculty members for improvement of teaching proficiency by participating in summer programs, introducing newly available teaching aids, materials and methods, and observing or participating in outstanding programs;

- funds to establish seminars, guided by study and research for undergraduates, and other innovative or experimental courses, including those emphasizing interdisciplinary themes;

- support for organizing or attending disciplinary or interdisciplinary conferences relating to the improvement of undergraduate teaching.

Other innovative proposals are encouraged.

The suggested range of awards is \$5,000 to \$20,000. Faculty members are also encouraged to seek matching funds to extend programs.

Proposals may be submitted at any time. Awards will be made in October for proposals submitted by Sept. 15.

Send proposals to the Teaching Awards Committee, Office of the Vice Provost and Dean of Undergraduate Studies, 209 Sikes Hall.

For further information, call Garth Spencer at 656-5021.

Research Grant Awards announced

The Office of University Research has announced the most recent recipients of University Research Grant Awards. They are:

- **Joseph A. Burton**, architecture, "The Romantic Mysticism and Progressive Millenarianism of Louis I. Kahn's Early Education," \$1,000;

- **James J. Camberato**, agronomy and soils, "Environmentally and Economically Sound Use of Poultry Manure as a Source of Plant Nutrients," \$3,000;

- **Clifton Egan, David Hartman**, performing arts, and **Robert Geist**, computer science, "ARTS: Artificial Rendering of Theatrical Settings," \$3,000;

- **James R. Frederick**, agronomy and soils, "Quantifying Corn Physiological Responses to Drought Stress on the Sandy Coastal Plain," \$2,500;

- **Vasanti M. Gharpuray**, bioengineering, "Mathematical Analysis of an Improved Correction Technique for Scoliosis," \$3,000;

- **Richard V. Gregory**, textiles, "Interaction and Effect of Surface Order on the Formation of Electrically Conductive Polymers," \$2,042.43;

- **Douglas E. Hirt**, chemical engineering, "Analyzing the Resin-Fiber Interaction in Composite Materials," \$3,000;

- **Robbie B. Hughes**, nursing, "Premature Grandparents: A Phenomenological Study," \$3,000;

- **Carol Johnston**, English, "Edwin Arlington Robinson: A Descriptive Bibliography," \$3,000;

- **Jennifer O. Krutilla**, elementary and secondary education, "Assessing the Multidisciplinary Needs of Infants with Cocaine Addiction and Their Families Residing in Upstate South Carolina," \$2,581;

- **Martine LaBerge**, bioengineering, "Arthroscopic Measurement of Cartilage Degeneration: Design and Evaluation," \$2,999;

- **William Lasser**, political science, "Thomas G. Corcoran Wiretaps Projects," \$1,180;

- **Roseanne H. Pruitt and Arlene Privette**, nursing, "Evaluation of Stress Management for Health Promotion," \$2,917.50;

- **Shalaby W. Shalaby**, bioengineering, "Chemrad-Sterilization of Radiolabile Biomedical Systems: A Feasibility Study," \$3,000.

Employee Development office offers training

Teaching elephants to dance may not sound like a topic for an employee development program, but it is.

And you can benefit from it and the numerous other programs offered by the Employee Development and Training Office.

During the spring semester, that office will repeat many of its successful programs from the past and will add several new ones.

For example, February programs include "Teaching the Elephant to Dance" (it's about dealing with change, conditioning and behavior) and the "Academic Department

Heads Retreat."

The spring schedule also features:

- March: "Training the Trainer" and "Systems Analysis and Flowcharting"

- April: "Managing Workgroup Performance"

- May: "Managing Multiple Priorities," "Personal Financial Management" and "Working with Difficult People."

Most programs are free, but reservations are necessary.

Watch *Clemson Weekly* for information, or call Melissa Marcus at 656-2726 for a copy of the Employee Training Programs booklet.

Performances, films and lectures celebrate African American heritage

The Boys Choir of Harlem will join Clemson's "Celebration of the African American Experience 1991" with a Feb. 13 performance at 8 p.m. in Tillman Hall.

Since its incorporation in 1975, the Boys Choir has grown from a small church group into a major performing arts institution known internationally.

Its repertoire ranges from classical music to contemporary songs to gospels and spirituals.

The overall theme of the celebration is "Educating America with Vision, Commitment, and Unity."

Sponsors include the Student Development Office, University Union, Minority Council, Cultural Arts Committee, Third World Student Programming Alliance, Financial Aid Office, Alpha Phi Alpha Fraternity, Career Center, history department, and Clemson Black Alumni Council.

For more information, call Ken Cooke at 656-0510 or John Mason at 656-4194.

Here's the remaining schedule:

— Jan. 19: Henry Butler, **Windham Hill jazz** artist, 8 p.m., Tillman Hall.

— Jan. 21: "MLK Memorial Service," 7:30 p.m., Tillman Hall.

— Jan. 25: Marilyn Thompson's presentation of "Art Songs of Langston Hughes," 8 p.m., Tillman Hall.

— Jan. 29: "Gospel," film on the history of **gospel music**, 7 & 9:15 p.m., Y-Theatre.

— Feb. 1: Black History Challenge, **quiz bowl** competition, 11 a.m. to 1 p.m., Loggia. FREE.

— Feb. 1-April 5: **Exhibit: "Black Heritage in the Upper Piedmont."** Main lobby, Cooper Library.

— Feb. 4: **Financial Aid Workshop**, 5-6:30 p.m., Daniel Auditorium. FREE.

— Feb. 5: "She's Gotta Have It," film by Spike Lee, followed by discussion of "The Plight of Black

Male and Black Female Relationships," 7 p.m., Y-Theatre.

— Feb. 7: Cheryl Brown of UNC-Charlotte will **lecture** on "China and the Modernization Era: Life after Tiananmen Square," 7 p.m., Room 200, Hardin Hall. FREE.

— Feb. 12: "The Autobiography of Miss Jane Pittman, film, 7 & 9:15 p.m., Y-Theatre.

— Feb. 13: **Black Career Success Night**, 6-7 p.m., site to be announced. FREE.

— Feb. 13: **Boys Choir of Harlem**, 8 p.m., Tillman Hall.

— Feb. 19: "The Autobiography of Malcolm X," film, 7 & 9:15 p.m., Y-Theatre.

— Feb. 20: "The Rise in **Campus Racism**: the Causes and Solutions," **videoconference** presented by the National Black Issues in Higher Education Telecommunications Department and featuring nationally recognized experts in the field of race relations, site to be announced. FREE

— Feb. 20 & 22: John O'Neal, touring writer and **performer**, "Life and Times of Junebug Jabbo Jones," Part I on Feb. 20, Part II on Feb. 22, 8 p.m., Tillman Hall.

Newsletter conference offered in February

The Office of Constituent Communications will offer a video conference Feb. 27 for campus newsletter editors.

The two-hour program, called "Your Newsletter: Make it a Winner," was produced by the University of Missouri-Columbia. It will be followed by a luncheon discussion the writers, editors and designers of Clemson World and the University's other publications.

The 3-hour program will cost \$35, including lunch. For more information, contact Margaret Pridgen at 656-3869 or Debra Galloway at 656-4233.



Gen. Mike Loh

Air Force General to lecture on "total quality management"

Gen. John Michael "Mike" Loh, vice chief of staff for the U.S. Air Force, will deliver the President's Honors Lecture Monday, Jan. 28, on the subject of "Total Quality Management."

Loh will speak at 8 p.m. in Lyles Auditorium in Lee Hall, with a reception following in Lee Gallery.

Earlier in the day, Loh will discuss the total quality management concept with President Lennon's Leadership Development Council. That meeting, at 3 p.m. in Tillman Hall auditorium, will be open to faculty, staff and students as observers.

Loh, a native of Washington, D.C., is a distinguished graduate of the U.S. Air Force Academy (1960) and earned an M.S. in aeronautical engineering from MIT in 1973.

As a pilot, he flew more than 200 combat missions in Vietnam. Before his promotion to general in June 1990 and assignment to headquarters staff, he was commander of the Air Force's Aeronautical Systems Division at Wright-Patterson AFB, Ohio.

He has received the Distinguished Service Medal and numerous other awards and decorations.

Send events to "Master Calendar," Clemson Weekly, Alumni Center

Dates to remember:

Friday, Jan. 18

—Proposal Writing Workshop. Sponsored by Office of University Research. 8 a.m.-4 p.m., Student Senate Chambers. (656-2375)

Saturday, Jan. 19

—Swimming: N.C. State. 2 p.m., McHugh Natatorium. (656-2114)
—Men's Basketball: Temple. 12:25 p.m., Littlejohn Coliseum. (656-2114)
—Henry Butler, Windham Hill Jazz Artist. 8 p.m., Tillman Hall Auditorium, \$6 students/senior citizens, \$8 public. (656-2461)

Sunday, Jan. 20

—Swimming: North Carolina. 1 p.m., McHugh Natatorium. (656-2114)

Monday, Jan. 21

—"Commemorative Memorial Service" for Martin Luther King. 7:30 p.m., Tillman Auditorium.
—Employee Training: "Accounting Policies and Procedures Update." 8:30-11:30 a.m., reservations necessary. (656-2727)

Tuesday, Jan. 22

—John Hammond, blues guitarist and singer, 9 p.m., Edgar's. \$4 in advance, \$6 at the door. (656-2461)
—Employee Training: "Accounting Policies and Procedures Update."

8:30-11:30 a.m., reservations necessary. (656-2727)

—Lecture: "Ice, Fire and Vegetation on a High Tropical Mountain," by geography professor Sally Horn, University of Tennessee. 3:30 p.m., 200 Hardin Hall. (656-5368)

Wednesday, Jan. 23

—Employee Training: "Accounting Policies and Procedures Update." 8:30 a.m.-11:30 a.m., reservations necessary. (656-2727)

Thursday, Jan. 24

—Clive Swansbourne, pianist. Utsey Chamber Music Series. 8 p.m., Daniel Auditorium. FREE.
—Employee Training: "Team Building." 9 a.m.-4 p.m. Reservations necessary (656-2727)
—Lecture: "What makes fiction fiction?" by Prof. Hugh Wilder, College of Charleston. 4 p.m., Rm 200, Hardin Hall. FREE

Call 656-INFO for a recorded message about daily events at Clemson

Friday, Jan. 25

—"Art Songs of Langston Hughes." Presentation by Marilyn Thompson, 8 p.m., Tillman Auditorium.

Friday, Jan. 25-Sunday, Jan. 27

—"Tiger Open" Intercollegiate Forensics Tournament. Annual speech and debate event. Daniel Hall classrooms. FREE.

Saturday, Jan. 26

—Swimming: South Carolina. 2 p.m., McHugh Natatorium. (656-2114)
—Men's Basketball: Duke. 4 p.m., Littlejohn Coliseum. (656-2114)
—Women's Basketball: North Carolina. 6:30 p.m., Littlejohn Coliseum. (656-2114)
—Wrestling: Duke. 7 p.m., Jervey Gym. (656-2114)

Monday, Jan. 28

—President's Honors Lecture: "Total Quality Management" by John Loh, Vice Chief of Staff, U.S. Air Force. 8 p.m., Lee Hall auditorium. FREE.
—Women's Basketball: North Carolina. 9 p.m., Littlejohn Coliseum. (656-2114)

The spring-semester schedule of computer short courses sponsored by Consulting and Technical Services begins Monday.

Up-to-date course information is on-line and can be accessed by typing SCINFO from VAX and Mainframe (TSO) computer systems.

New courses on Microsoft Windows, Lotus 1-2-3, Microsoft Excel, and Microsoft Word for Windows have been added.

Call 656-3494 to register.

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Director of Constituent CommunicationsMargaret Pridgen

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DEADLINE is FRIDAY, Jan. 18, for Jan. 30 issue.



Clemson

WEEKLY

Vol. 30, No. 21

Wednesday, Jan. 23, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Sheheen urges faculty to become even more involved in state higher education policy

Faculty should be more involved in shaping public-policy decisions, the head of the S.C. Commission on Higher Education told the Faculty Senate Jan. 8.

CHE chief Fred Sheheen challenged faculty to contribute their opinions and expertise to debates over public issues, especially those affecting higher education.

"A strong faculty voice is much to be desired," Sheheen said, urging faculty senates in general to initiate greater faculty involvement in such issues.

He said senates should focus not only on internal issues but should also "speak to the world outside the institution."

Sheheen, guest speaker at the Faculty Senate's regular January meeting, said the 1991-92 state funding picture for higher education "looks extremely bad," with appropriations remaining about the same as for the current year.

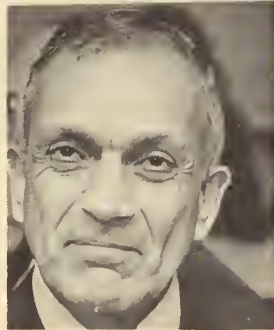
He said CHE priorities for the immediate future include continuing to phase in measures of institutional effectiveness and further developing a state planning process for higher education.

Sheheen also participated in a senate ceremony honoring Alumni Professor of Mathematical Sciences Joel Brawley, 1990 recipient of the Class of '39 Faculty Award for Excellence.

A succession of speakers praised Brawley for outstanding teaching and research and for his work to improve elementary and secondary education.

During regular business, the senate:

— adopted four resolutions asking the administration to delay purchase of new software for the Business and



CHE's Fred Sheheen spoke to the Faculty Senate Jan. 8

Finance computer system to allow further study of the related costs, advantages and disadvantages of changing the system. One resolution specifically asks that faculty with computer expertise be involved in the analysis.

— adopted a procedure for updating the Faculty Manual, with all proposed changes to the manual going first to the Faculty Senate president for referral to the appropriate committee or person. Likewise, senators voted that complaints about violations of the manual should be sent to the senate president for referral and resolution.

Protecting the Faculty Manual's integrity was a major topic of discussion during the meeting. Speakers called for the senate and its officers to take swift and direct action in pursuing violations of manual provisions, such as those governing the appointment, composition and authority of committees.

— endorsed a Student Senate resolution asking the administration to investigate alternative routes for handicapped people traveling on campus and the possibility of equipping a University van with a wheelchair lift. Blocking campus travel paths to allow for construction will hit

handicapped students especially hard, according to the resolution.

— voted that student aid awards from the Jeanne Fraser and George R. MacDonald Endowment Trust be distributed following a ratio of two undergraduate scholarships for each graduate fellowship. The fund was established in 1959 to provide student aid awarded on faculty recommendations.

— elected Sen. Michael Bridgwood (Engineering) to the University Fine Arts Committee.

— elected Sen. Eleanor Hare (Sciences) to the University Committee on the Handicapped.

— elected Sens. Kenneth Murr (Library), Bob Schalkoff (Engineering), Brenda Vander Mey (Liberal Arts) and Eldon Zehr (Agricultural Sciences) to the Faculty Grievance Board.



The folk art of Benny and George Andrews, on display in Lee Gallery until Feb. 24.

Trustees OK new Department of Health Sciences

The University's Board of Trustees Jan. 11:

— approved a new Department of Health Sciences within the College of Nursing. Dean Opal Hipps said this will help meet a growing demand for classes in health-related studies.

Since the College began offering health classes to non-nursing majors, student enrollment in the classes has grown from seven in 1985 to 333 in the fall of 1990, Hipps said.

In addition to the health elective curriculum, the health sciences program offers a minor course of study.

— approved a 7.5-percent housing fee increase, which Student Affairs Vice President Nick Lomax said is needed to keep the operation self-supporting, as required by state law.

Increases in utility costs, major maintenance needs, and salary increases brought about by a raise in the minimum wage made the rental fee hike necessary, he said.

— approved changing the name of the building science department to the Department of Construction Science and Management to reflect more accurately the make-up of that curriculum and the industries it serves.

As reported in a Jan. 14 special issue of *Clemson Weekly*, the Board also learned that Provost David Maxwell will retire at the end this calendar year. Also, the University's governmental relations programs, including the Office of Public Affairs in Columbia and federal liaison activities, became a part of the Division of Institutional Advancement Jan. 1.

Remember to call 656-INFO for a recorded message, updated daily, about campus events.



Computing and Information Technology has been in new facilities at the Clemson Research Park since 1987.

Growth forces more offices off-campus

The trend continues for University offices to move off campus.

Various administrative units have moved to local office complexes, while other programs, such as Computing and Information Technology and Environmental Systems Engineering, have or soon will have new facilities at the Clemson Research Park.

The moves reflect both Clemson's growth, particularly in research activities, and a desire to lessen demand for the limited space available on campus, says Jack Wilson, associate vice president for facilities planning and management.

Among recent relocations, the **Sponsored Programs - Post Award Administration** office moved to the College Station Building (former site of Radio Shack) on Highway 123.

Accounting Control and Accounting for Related Organizations offices will move to College Station early this year. Also, **Business Services Accounting** units are moving from University Square to College Station.

University Square is home to a number of Business and Finance and

other offices, including Personnel Management and Development, Payroll and Employee Benefits, and Parking Services.

Although it's not off-campus, the **Family and Faculty Housing Office** has moved from the Clemson House to 12-A North Palmetto Blvd. They're at the intersection of Highway 93 and North Palmetto in a duplex that was formerly family housing. The new phone number is 656-0829.

The off-campus trend really started in 1976, when Administrative Programming Services moved to the Ravenel Center on Airport Road (past the "Y" Barn).

The Energy Research and Development Center moved to University Square (then called the Clemson Mini-Mall) in 1983 and to its current site, the Family Practice Center complex on College Avenue, in 1989.

Most of the Computing and Information Technology staff moved to the Clemson Research Park in 1987. The Research Park facility for Environmental Systems Engineering is expected to be ready by late spring.

Staff Commission studying campus shuttle bus routes

Shuttle bus routes were the main topic of discussion at the Commission on Classified Staff Affairs' Jan. 9 meeting.

The Policy Committee offered a resolution asking that shuttle buses be given unrestricted access to inner campus and that remote control gates be installed on Calhoun Drive and "The Green," allowing shuttle buses passage.

Calhoun Drive is the road between Johnstone and Brackett halls. The Green is the area between the Strom Thurmond Institute and the Cooper Library.

A sidewalk crosses The Green, and John McKenzie, assistant director of public safety, pointed out that it is illegal to drive on sidewalks without designating them as roadways and assuring pedestrian safety.

During a period of multiple use, such as football games, the University assigns personnel to control access by vehicles and pedestrians, McKenzie said.

The resolution was sent back to committee for further study and refinement and is expected to be presented again at the Commission's Feb. 12 meeting.

That meeting will also include a vote on whether to add a Commission

member from the Academic Affairs division to represent staff in the College of Commerce and Industry.

Allison Dalton, executive secretary of IPTAY, will be the guest speaker for the Feb. 12 meeting at 10 a.m. in 113 Lehotsky Hall.

Commission meetings are open to all staff members.

Workshop to explore communication across the curriculum

Two one-day workshops next week will explore using student writing and speaking to promote learning in classes ranging from large lecture courses to science labs.

The workshops, part of the University's "Communication Across the Curriculum" program, are open to faculty in all disciplines.

Sessions will be held at the Outdoor Lab on Monday, Jan. 28, and Tuesday, Jan. 29.

For registration information, call Carl Lovitt in the English department at 656-5418.

Sponsors include the Vice President for Academic Affairs, the College of Liberal Arts, the Effective Technical Communications Program in the College of Engineering, the Bob and Betsy Campbell Endowment and the R. Roy and Margery W. Pearce Center for Professional Communication.

Applications for the Provost Research Award are now being accepted for FY91-92.

Applications may be picked up in E-102 Martin, and must be returned by Feb. 28

Coming up: _____

'Miracles'

Faculty and staff members are invited to participate next month in a satellite broadcast from Clemson focusing on developments in medicine, transportation, architecture and other fields.

The program at 4 p.m. Feb. 13 in F-149 of the Poole Agricultural Center will include an advanced screening of the PBS TV special "Miracles by Design" and an address by Gregory Olson, a scientist featured in that show.

Olson, who specializes in ultra-high-strength steels, and his students at Northwestern University probed atomic structures and used computer-generated molecular designs to develop a special load-bearing steel for the Space Shuttle.

His visit to Clemson is sponsored by the College of Engineering.

Telephone seminar

A training seminar on use of the University's telephone system will be held Tuesday, Jan. 29, at 114 University Square.

The one-hour program is open to all faculty and staff members. It's especially recommended for new employees.

Participants should bring their ESSX Feature Instruction Guides.

To register, dial "0". For more information, call Telecommunication Services at 656-2600.

Fellowship deadline

Feb. 1 is the application deadline for '91-92 Phi Kappa Phi fellowships.

The local chapter may nominate one student to compete for one of the 50 fellowships awarded nationwide.

Each award is for \$7,000 for full-time, first-year graduate or professional study. Applicants must be Phi Kappa Phi members.

For an application and more information, contact Rudy Elling in 306 Lowry Hall, 656-3318.

Volunteer to make an international friend

The Clemson Area International Friendship program is looking for individuals, couples and families to help welcome international students to the community this semester.

Volunteers help the students adjust to Clemson by inviting them to visit in the volunteer's home, perhaps for meal or just an evening of conversation, and otherwise spending time with them.

For more information, call Brian and Becky Powell at 653-5116 or Ruth Canupp at 882-8637.

Send events to "Master Calendar," *Clemson Weekly*, Alumni Center

Dates to remember:

Friday, Feb. 1

- Employee Training: New Employee Orientation. (656-2727)
- Black History Challenge, quiz bowl, 11 a.m.-1 p.m., Union Loggia.
- Wrestling: North Carolina. 7 p.m., Jervy Gym. (656-2114)

Friday, Feb. 1-April 5

- Exhibit: "Black Heritage in the Upper Piedmont." Main lobby, Cooper Library. (656-0665)

Tuesday, Feb. 5

- "First Tuesday Briefing" luncheon: Bruce Yandle on the Strom Thurmond Institute. Noon, Alumni Center, \$5 for lunch reservations or brown bag it. (Debby Cremer, Alumni Center, 656-2345)
- Ravel Trio. Part of Utsey Chamber Series featuring harp, flute, and cello trio. 8 p.m., Daniel Hall. FREE.
- Film: "She's Gotta Have It" by Spike Lee, followed by discussion of "The Plight of Black Male and Female Relationships," 7 p.m., Y-Theatre.
- Last day to withdraw from class or the University without a record.
- Workshop: "Advanced Laboratory Instrumentation." Sirrine Hall. Fee required. (Professional Development, 656-2200)

Wednesday, Feb. 6

- Southern Circuit Film Series: "Meet Bradley Harrison Picksimer." Sponsored by the College of Liberal Arts, the English Department, and SC Arts Commision. 8 p.m., Y-Theatre. FREE (656-5415)
- Men's Basketball: Maryland. 7:30 p.m., Littlejohn Coliseum. (656-2114)

Thursday, Feb. 7

- Lecture: "China and the Modernization Era: Life after Tiananmen Square" by Cheryl Brown, UNC-Charlotte. 7 p.m., 200 Hardin. FREE.
- Employee Training: "Teaching the Elephant to Dance." 9 a.m. - 4 p.m. Reservations necessary. (656-2727)

Saturday, Feb. 9

- Women's Basketball: Wake Forest. 7 p.m., Littlejohn Coliseum. (656-2114)

Sunday, Feb. 10

- Men's Basketball: N.C. State. 1:30 p.m., Littlejohn Coliseum. (656-2114)

Monday, Feb. 11

- Employee Training: "Interview and Selection." 9 a.m. - 4 p.m.

Reservations necessary. (656-2727)

- Women's Basketball: Georgia Tech 7 p.m., Littlejohn Coliseum.
- WHEN (Women in Higher Education Network). "My Career as a Writer." Corrine Sawyer. Noon, Ramada Inn. (Michalann Greenway, 656-5787)

Tuesday, Feb. 12

- "The Journey to Daycare." Part of "Women Geographers in the Southeast and Their Work" series. Professor Susan Brooker-Gross, Virginia Polytechnic Institute. 7 p.m., 200 Hardin Hall. (Lawrence Estaville, 656-5368)

Fike hours announced

Fike Recreation Center

Monday-Thursday: 7:30 a.m. - 4 p.m.
Friday: 7:30 a.m. - 9 p.m.
Saturday: Noon - 6 p.m.
Sunday: 1-9 p.m.

Swimming Pool

Monday-Thursday: 11 a.m. - 4 p.m.; 8-10 p.m.
Friday: 11 a.m. - 4 p.m.
Saturday: Noon - 6 p.m.
Sunday: 1-6 p.m.

(Pool closed Feb. 14-17 for swim meets.)

Coliseum Indoor Track/Outdoor Track Area

Monday-Friday: 8 a.m. - 2 p.m.
Saturday-Sunday: Closed

Indoor Tennis Center

Monday-Thursday: 8 a.m. - 10 p.m.
Friday: 8 a.m. - 9 p.m.
Saturday: 9 a.m. - 6 p.m.
Sunday: 9 a.m. - 9 p.m.

(Reservations not accepted for match days.)

Family hours are all day Friday, Saturday and Sunday.

Inquire at Fike about registration periods for spring intramural sports programs in wrestling, racquetball, softball and tennis.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Director, Constituent CommunicationsMargaret Pridgen
Editor, *Clemson Weekly*Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Feb. 1 for the Feb. 13 issue.

Clemson

WEEKLY

Vol. 30, No. 23

Wednesday, Feb. 6, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Provost search committee being formed; suggestions due Feb. 8

A search committee to find a successor for retiring Academic Vice President and Provost David Maxwell will be appointed in February, President Max Lennon announced.

The 11-member committee will consist of one member of the Board of Trustees, two deans, one academic department head, four faculty members, one staff member, one graduate student and one undergraduate student.

The composition of the committee was determined after consultation with deans, directors in the Division of Academic Affairs, and representatives of the Faculty Senate, Classified Staff Commission and student body.

Individuals to fill those slots will be chosen by President Lennon with advice from deans and the Faculty Senate, following procedures outlined in the Faculty Manual.

"This committee will be making one of the most important decisions

facing this institution, and the members must be willing to devote a great deal of time and effort to the process," Lennon said. "We're looking for individuals who wish to serve the entire university, not a particular constituency."

Faculty, staff and students who are interested in serving on the committee should send a letter outlining their qualifications to their dean or director. In addition, Lennon has asked deans and directors within the Division of Academic Affairs to make recommendations.

The deadline to volunteer or make recommendations is February 8. Based on all of the input, the members of the committee will then be determined.

"The committee will decide how it will be organized and how it will proceed," Lennon said. "We will make every effort to keep the university community informed as we progress."



Snowy weather caused Gov. Carroll Campbell to declare a weather emergency on Thursday, Jan 24, and the University closed at 10 a.m.

Under state law, however, employees who did not report to work or left work early must make up for that lost time.

The University's hazardous weather policy allows employees to satisfy this requirement by:

1. Using accrued annual or compensatory leave,
2. Taking leave without pay, or
3. Making up the time at a future date

Questions or problems should be discussed with your supervisor.

Pulitzer Prize-winning poet speaks next week

One of America's most honored poets, Gwendolyn Brooks, will visit Clemson Monday, Feb. 11, making two appearances in Tillman Hall Auditorium.

Brooks will speak at 3:30 p.m. about her work as a writer. At 8 p.m., she will read selections from her work. Both events are open to the public at no charge.

Brooks was the first African-American writer to receive the Pulitzer Prize for poetry. She has also received the Frost Medal from the Poetry Society of America and the Pen/Faulkner Award for fiction.

Brooks is Poet Laureate of Illinois,



Poet
Gwendolyn
Brooks

and in 1988 she was inducted into the National Women's Hall of Fame.

Her visit is sponsored by the Office of Human Resources, English department, College of Liberal Arts and the Women's Studies Committee.



Officers of the University fire department and members of Kappa Delta sorority have teamed up to provide teddy bears to young victims of fires and other emergencies.

Clemson fire department to find homes for KD teddy bears

The University fire department will use teddy bears to comfort children whose homes and belongings are destroyed by fire.

Jack Abraham, CU fire chief and president of the S.C. Fire Chiefs Association, attended a presentation on teddy bears at a past meeting of that organization.

He gives full credit, however, to the local chapter of Kappa Delta sorority for bringing this national KD project to Clemson.

The teddy bear is the KD national mascot and a familiar toy to most children. KD chapters have presented teddy bears to fire departments across the country to be given to children displaced by fires.

Clemson KDs made and sold Tiger Paw buttons last fall during football season and used the profits to purchase 13 teddy bears. These bears were presented to the University fire department Jan. 25 and will be

carried in all emergency vehicles.

Abraham said some bears will be given to children transported by the University's emergency medical service, as well as to victims of fires.

Efforts are under way to locate Phi Beta Kappa members among the faculty and staff for the purpose of organizing a campus chapter.

One organizational meeting has already been held.

If you are a member of Phi Beta Kappa and are interested in participating in this new chapter, contact John Idol at 656-5395.

Coming up: _____

Sign up for Slim Down

If you resolved to lose weight in 1991 and haven't made any progress to date, the Wellness Center's second Slim Down can help.

This Slim Down is designed as a controlled weight-loss program for teams. You will benefit from the support of your teammates and the staff of the Wellness Center. Teams must have five members (may include both men and women).

Each member can expect a 1- to 8-pound weight loss, and prizes will be awarded to the top three teams.

Participants in the Wellness Challenge who have set weight loss as a goal may also enroll in the Slim Down.

The previous Slim Down attracted more than 200 individuals who achieved excellent results.

This six-week program runs Feb. 4-March 15; registration continues through Feb. 7. The registration fee is \$5 per person.

Newsletter seminar

Feb. 22 is the deadline to register for the Office of Constituent Communications video conference for campus newsletter editors. This program takes place Wednesday, Feb. 27.

"Your Newsletter: Make it a Winner," was produced by the University of Missouri-Columbia. Conference presenters will help you target your audience, design your newsletter and write for readability.

The two-hour satellite seminar will be followed by a luncheon discussion with the writers, editors and designers of *Clemson World* and the University's other publications.

The program will cost \$35, including lunch. Space is limited, and you must pre-register. For more information, contact Jack McKenzie or Debra Galloway at 656-4233.

Clemson faculty salary report (1990-91)

The faculty salary report from the Office of the Provost is based on a 9-month pay period. It includes maximum, minimum, median and average salaries by sex and rank for each college and the library. If a category contains less than five faculty members, no information is given other than the number of members in that category (shown in parentheses). Part-time and visiting faculty have been excluded. Academic administrators (deans, directors, department heads, etc.) have also been excluded.

Professor - Male

| College | Faculty | Max \$ | Min \$ | Med \$ | Avg \$ |
|------------------|---------|--------|--------|--------|--------|
| Academic Affairs | (1) | | | | |
| Agriculture | 127 | 75,264 | 36,427 | 50,444 | 50,942 |
| Architecture | 13 | 62,678 | 44,145 | 48,398 | 50,856 |
| Comm./Ind. | 38 | 91,712 | 45,095 | 63,000 | 63,882 |
| Education | 16 | 72,149 | 40,302 | 50,122 | 50,091 |
| Engineering | 56 | 92,482 | 52,400 | 63,000 | 64,995 |
| Forest/Rec. | 20 | 63,206 | 39,648 | 48,142 | 49,608 |
| Liberal Arts | 31 | 76,612 | 35,000 | 50,983 | 51,418 |
| Sciences | 71 | 93,900 | 40,126 | 56,903 | 58,844 |
| Research | (2) | | | | |

Professor - Female

| | | | | | |
|---------------|----------------|---------------|---------------|---------------|---------------|
| Agriculture | 10 | 52,082 | 38,427 | 41,709 | 43,364 |
| Architecture | (1) | | | | |
| Comm./Ind. | (2) | | | | |
| Education | (1) | | | | |
| Liberal Arts | 5 | 77,684 | 35,093 | 42,313 | 48,153 |
| Nursing | (2) | | | | |
| Sciences | 5 | 55,535 | 45,298 | 50,674 | 50,737 |
| Total: | 392 (9) | 93,900 | 35,000 | 54,361 | 55,335 |

Associate Professor - Male

| College | Faculty | Max \$ | Min \$ | Med \$ | Avg \$ |
|--------------|---------|--------|--------|--------|--------|
| Agriculture | 36 | 54,199 | 33,032 | 39,018 | 39,573 |
| Architecture | 12 | 46,451 | 36,096 | 39,046 | 40,701 |
| Comm./Ind. | 27 | 62,000 | 37,886 | 51,886 | 51,137 |
| Education | 12 | 49,244 | 32,104 | 36,000 | 36,951 |
| Engineering | 33 | 64,050 | 43,520 | 49,000 | 49,674 |
| Forest/Rec. | 10 | 50,000 | 33,564 | 39,856 | 41,306 |
| Liberal Arts | 42 | 43,082 | 31,400 | 35,700 | 35,767 |
| Nursing | (1) | | | | |
| Sciences | 42 | 56,429 | 28,385 | 41,880 | 42,943 |

Associate Professor - Female

| | | | | | |
|---------------|-----------------|---------------|---------------|---------------|---------------|
| Agriculture | 9 | 41,206 | 34,048 | 37,231 | 37,379 |
| Architecture | (4) | | | | |
| Comm./Ind. | (3) | | | | |
| Education | (4) | | | | |
| Engineering | (3) | | | | |
| Forest/Rec. | (2) | | | | |
| Liberal Arts | 12 | 38,756 | 28,616 | 33,206 | 33,943 |
| Nursing | 5 | 51,052 | 40,896 | 42,683 | 44,910 |
| Sciences | (3) | | | | |
| Total: | 240 (20) | 64,050 | 28,385 | 40,280 | 41,931 |

Assistant Professor - Male

| College | Faculty | Max \$ | Min \$ | Med \$ | Avg \$ |
|--------------|---------|--------|--------|--------|--------|
| Agriculture | 32 | 42,536 | 29,686 | 35,902 | 35,533 |
| Architecture | 7 | 36,400 | 33,492 | 34,501 | 34,652 |
| Comm./Ind. | 20 | 58,500 | 39,355 | 48,700 | 49,102 |
| Education | (3) | | | | |
| Engineering | 25 | 47,231 | 38,665 | 44,005 | 43,879 |
| Forest/Rec. | 7 | 33,397 | 29,448 | 31,726 | 31,217 |
| Liberal Arts | 19 | 34,125 | 26,115 | 29,036 | 29,408 |
| Sciences | 17 | 47,511 | 29,753 | 37,275 | 38,603 |

Assistant Professor - Female

| | | | | | |
|---------------|-----------------|---------------|---------------|---------------|---------------|
| Agriculture | 8 | 37,631 | 28,221 | 35,499 | 34,472 |
| Architecture | (1) | | | | |
| Comm./Ind. | 6 | 62,500 | 41,600 | 52,100 | 51,782 |
| Education | 6 | 32,500 | 27,484 | 29,102 | 29,642 |
| Engineering | (3) | | | | |
| Forest/Rec. | (3) | | | | |
| Liberal Arts | 25 | 32,500 | 25,672 | 29,100 | 29,234 |
| Nursing | 12 | 38,665 | 30,630 | 35,000 | 35,109 |
| Sciences | 9 | 46,500 | 32,752 | 35,196 | 37,526 |
| Total: | 193 (10) | 62,500 | 25,672 | 35,234 | 37,027 |

Instructor - Male

| College | Faculty | Max \$ | Min \$ | Med \$ | Avg \$ |
|--------------|---------|--------|--------|--------|--------|
| Agriculture | (2) | | | | |
| Comm./Ind. | (1) | | | | |
| Education | (2) | | | | |
| Forest/Rec. | (2) | | | | |
| Liberal Arts | 9 | 28,988 | 17,500 | 18,000 | 19,317 |
| Sciences | (1) | | | | |

Instructor - Female

| | | | | | |
|---------------|----------------|---------------|---------------|---------------|---------------|
| Comm./Ind. | (2) | | | | |
| Education | (2) | | | | |
| Liberal Arts | 12 | 20,000 | 16,500 | 18,040 | 18,061 |
| Total: | 21 (12) | 28,988 | 16,500 | 18,000 | 18,599 |

Other - Male

| College | Faculty | Max \$ | Min \$ | Med \$ | Avg \$ |
|-----------|---------|--------|--------|--------|--------|
| Libraries | 6 | 52,352 | 21,470 | 30,285 | 31,863 |

Other - Female

| | | | | | |
|---------------|-----------|---------------|---------------|---------------|---------------|
| Libraries | 19 | 40,139 | 17,996 | 23,010 | 26,319 |
| Total: | 25 | 52,352 | 17,996 | 26,176 | 27,649 |

Send events to "Master Calendar," *Clemson Weekly*, Alumni Center

Dates to remember:

Through April 5

—Exhibit: "Black Heritage in the Upper Piedmont." Main lobby, Cooper Library. (656-0665)

Thursday, Feb. 7

—Lecture: "China and the Modernization Era: Life after Tiananmen Square" by Cheryl Brown, UNC-Charlotte. 7 p.m., 200 Hardin. FREE.
—Lecture: "Higher Plant Mitochondrial Gene Expression." Dr. Bert Abbott. Department of Biological Sciences. 4 p.m., G33 Jordan Hall. (656-2328)
—Employee Training: "Teaching the Elephant to Dance." 9 a.m. - 4 p.m. Reservations necessary. (656-2727)

Friday, Feb. 8

—Fike Recreation Center closes at 6 p.m.

Saturday, Feb. 9

—Fike Recreation Center opens at 1 p.m. instead of noon
—Women's Basketball: Wake Forest. 7 p.m., Littlejohn Coliseum. (656-2114)

Sunday, Feb. 10

—Men's Basketball: N.C. State. 1:30

p.m., Littlejohn Coliseum. (656-2114)

Monday, Feb. 11

—Poet Gwendolyn Brooks: Lecture at 3:30 p.m., poetry reading at 8 p.m. Both in Tillman Auditorium. FREE. (656-3151)
—Employee Training: "Interview and Selection." 9 a.m. - 4 p.m. Reservations necessary. (656-2727)
—Women's Basketball: Georgia Tech. 7 p.m., Littlejohn Coliseum. (656-2114)
—WHEN (Women in Higher Education Network). "My Career as a Writer." Corrine Sawyer. Noon, Ramada Inn. (Michalann Greenway, 656-5787)

Tuesday, Feb. 12

—"The Journey to Day Care." Part of "Women Geographers in the Southeast and Their Work" series.

Call 656-INFO for a recorded message about daily events at Clemson

Professor Susan Brooker-Gross, Virginia Polytechnic Institute. 7 p.m., 200 Hardin Hall. (Lawrence Estaville, 656-5368)

—Film: "The Autobiography of Miss Jane Pittman." 7 & 9:15 p.m., Y-Theatre.

—Commission on Classified Staff Affairs meeting. 10 a.m., 113 Lehotsky Hall. (Ruth Taylor, chairperson, 656-5174)

—Faculty Senate meeting. 3:30 p.m., Student Senate Chambers, University Union. (Allen Dunn, president, 656-2456)

Wednesday, Feb. 13

—Boys Choir of Harlem. 8 p.m., Tillman Hall Auditorium, \$8 & \$6. (University Union, On Stage, 656-2461)

—Black Career Success Night, 6-7 p.m., 200 Hardin Hall (656-2152).

Thursday, Feb. 14

—Black Faculty and Staff Meeting, 4:45 p.m., F-149 Poole Agriculture Center.

—Strom Thurmond Institute presents: Forum on Constitutional Issues. 3:30 p.m., Nancy Thurmond Room. (656-4700)

—Lecture: "Physiological Dynamics of Plankton." Dr. Russell Cuhel, Center for Great Lakes Studies. Department of Biological Sciences. 4 p.m., G33 Jordan Hall. (656-2328)

Correction...

Fike Recreation Center is open Monday-Thursday until 10 p.m. The closing time was incorrectly announced in the Jan. 30 *Clemson Weekly*.

The correct schedule is:
Monday-Thursday: 7:30 a.m.-10 p.m.

Friday: 7:30 a.m.-9 p.m.

Saturday: Noon-6 p.m.

Sunday: 1-9 p.m.

Please refer to last week's edition for the complete campus recreation facilities schedule.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Director, Constituent Communications.....Margaret Pridgen
Editor, *Clemson Weekly*Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860 or write us at the Alumni Center.

DEADLINE is FRIDAY, Feb. 8 for the Feb. 20 issue.

Clemson

WEEKLY

Vol. 30, No. 24

Wednesday, Feb. 13, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Lennon deferred compensation plan approved

The Clemson University Foundation has approved a two-year extension of a deferred compensation plan for President Max Lennon.

The new agreement is worth \$75,000 per year plus earnings, which Lennon can receive in 1993 provided he remains at the university and continues to fulfill fund-raising duties for the Foundation. If Lennon terminates his employment with the Foundation before Feb. 25, 1993, he forfeits that money.

His employment with the Foundation is automatically terminated if he steps down as president of Clemson University.

The agreement goes into effect on Feb. 26, 1991, the day after Lennon's original three-year deferred compensation package ends. The original agreement, for \$51,667 per year plus earnings, will be worth \$205,775.46 in February 1991. But if Lennon chooses to receive the money then, he forfeits the two-year extension.

"The Foundation, as well as the university, has been extremely fortunate to have Max Lennon's leadership, and we hope he will continue to provide that leadership for many years to come," said Dave Milling, president of the Foundation.

"The success of the Campaign for Clemson, which is closing in on its \$62 million goal, is directly related to the confidence people in South Carolina have in Max Lennon as president of Clemson."

The compensation for Lennon comes from the principal of the Foundation's unrestricted endowment. The Foundation is a tax-exempt organization that raises and manages private contributions for the university.



Students and ARA employees sent Valentine's greetings to troops in the Gulf in the form of cookies. For more on the war and Clemson, see page 2.



University offices open during lunch

In response to requests from employees, several off-campus University offices will remain open throughout the business day, including the traditional 12 noon lunch hour.

Faculty and staff members who found it difficult to run errands or to conduct personal business with these departments will find it more convenient to combine such trips with their lunchtime outings.

These extended operating hours will affect the following locations:

Gentry Hall - Fiscal Affairs, Risk Management and Safety, and Wage and Salary Administration.

106 University Square - Recruitment and Employee Services, and

Employee Development.

(A mail slot will be installed soon on the lobby door so applications and other paper work can be dropped off after hours.)

224 University Square - Payroll and Employee Benefits.

This change became effective Jan. 2 and according to John C. Newton, Associate Vice President of Fiscal Affairs, will be reassessed at the end of the fiscal year in June.

"All offices will monitor calls and visits to the office for six months to see what kind of services are needed during the lunch hour," Newton wrote in a memo distributed to vice presidents.

Packages from home

If you're sending care packages to troops in the Gulf, make sure yours contain "food presents and not food problems."

That's the advice of Sue Templin, supervisor of the USDA's Meat and Poultry Hotline.

Troops are particularly vulnerable to intestinal upsets caused by possibly tainted water and food, as well as by stress. Shipping and extremes of temperature can also alter the quality of your offerings.

Perishable foods that require refrigeration, such as fresh meats, should never be sent. Dried beef jerky or beef slims are a good alternative.

Pork, pork products and alcohol violate religious restrictions in Saudi Arabia.

Other "don'ts" include moist baked goods, which are highly susceptible to mold growth. Fragile items such as delicate cookies may not survive the trip. And items containing chocolate may melt.

What should you send?

Dense, dry baked goods such as fruit cakes, commercially packaged cakes, cookies in tins and crackers make excellent gifts.

Raisins, apricots, and other dried fruits, canned nuts, and commercially prepared trail mix are all safe for mailing.

Jams and jellies in jars, peanut butter, hard candy, candy-coated gum, instant soups, fruit drink mixes, and commercially packaged popcorn in tins travel well.

Source: *Tufts University Diet & Nutrition Letter*, Jan '91

Clemson sends greetings to troops in the Persian Gulf

Clemson wants to ensure that the men and women serving in the Persian Gulf know they have not been forgotten.

ARA food services employees baked oatmeal raisin cookies for the troops in the Mideast. Jane Gough, marketing manager for ARA Clemson, and student volunteers packed 60 boxes to be mailed for a Feb. 14 delivery.

It's all part of a nationwide campaign by ARA Services, the company that manages Clemson's food services.

During the Christmas holidays ARA shipped about 208,000 cookies to the Mideast from 410 locations, including Clemson.

The Student Government Asso-

ciation collected names and addresses of service men and women in the Mideast, with ties to Clemson, to receive the cookies.

They have also organized a letter-writing campaign, and they are urging faculty and staff to participate.

Student Government can supply names and addresses of Clemson students, alumni and friends. The general addresses for "any service member" are also available.

Participants are encouraged to bring their letters, with correct postage applied, to the Student Government office next to Harcombe Dining Hall to be counted and mailed. The goal is 16,000 letters.

For more information or to add a name to the list, call 656-2195.

Family members on active duty

The following service men, on active duty in Saudi Arabia, have family among the staff. If you have members of your immediate family deployed to the Mideast theater, please send their names to the *Clemson Weekly*. "Immediate family" for our purposes means a parent, spouse, child, brother or sister.

•**James Burch**, brother of **Jo Ann Greenwood**, a data control clerk in 4-H and Youth Development. Sgt. Burch is a National Guardsman on active duty with the 101st Airborne.

•**Michael G. Carls**, son of **Nancy Carls**, word processing operator in the Department of Instruction. Lance Cpl. Carls serves with the 1st Battalion, 7th Marines.

•**Robert Douglas**, son of **Helena C. Douglas**, assistant director of the Office of Professional Development. Lance Cpl. Douglas, a Marine Reservist, was activated in December and is serving with the 2nd Marine Division, Ammunition Supply Company.

•**Willie W. Gary, Jr.**, brother of

Linda Gilbert, business associate in Accounting Services. Sgt. Gary is serving with the U.S. Army in Saudi Arabia.

•**Derrick Jordan**, son of **Marcella Jordan**, Business and Financial Affairs, and **Jerry Jordan**, data processing manager of Records and Registration. Cpl. Jordan, USMCR, withdrew from the University during fall semester to report for active duty with the 2nd Supply Battalion.

•**Trevor Simmons**, son of **Dick Simmons**, assistant personnel director. Spc. Simmons is serving with the 24th Infantry Division.

•**Samuel D. Wakefield, Jr.**, brother of **Sherlita Acker**, administrative specialist in Printing Services. Staff Sgt. Wakefield, USA, was deployed from Ft. Stewart, GA with the 24th Infantry Division.

•**Scott A. Williams**, son of **Carolyn Williams**, administrative specialist in Computer Science. Pfc. Williams is serving with the U.S. Army's 101st Chemical Company.



The Trades/Crafts Apprenticeship Training Program recently honored those completing the first semester at a luncheon. This pilot program, in partnership with Facilities, Maintenance and Operations, Tri-County Technical College, and the Department of Employee Development, is designed to allow participants to improve in a specific skill area.

Participants pictured with their instructor for the fall 1990 semester are (seated, left to right) Walter Lee, carpenter; Kenneth McDowell, preventive maintenance; Richard Ogburn, carpenter; William McBride, instructor; George Sloan, plumbing; Aaron Carter, preventive maintenance; (standing, left to right) Rickie Autry, carpenter; Martin Roper, paint shop; Steven Shiflet, carpenter; Michael Brewer, preventive maintenance; Linda Smith, custodial; Harold Leroy, preventive maintenance; Chris Evatt, plumbing; Ralph Porter, locksmith; Jerry Whitmire, plumbing; Tommy Carver, custodial; Joe Orr, paint shop; Phil Rogers, custodial; Billy Dover, custodial; David Holder, preventive maintenance; Allan Garrett, plumbing. Not present when photograph was made: Dawn Bryant, Marvin Cobb, Hoke Cox, Stanley Crawford, Billy Grant and Keith Martin.

State employees association to meet

The Clemson chapter of the S. C. State Employees Association will meet Thursday, Feb. 21 in G22 Lehotsky. Bring a bag lunch to this 12 noon meeting.

Ron Herrin, director of Payroll and Employee Benefits, will discuss the health insurance program, and Betts Wilson will report on the state investment portfolio.

Attendees will be asked to suggest topics for a special spring meeting and to select a nominating committee. New officers will be elected by mail-in ballots.

All faculty and staff members are invited to join this group. The membership fee is \$25 (pay by check or payroll deduction) and application forms will be available at this meeting.

For further information, call Terry Skrocki at 656-4717.

Botanical forum

The need and interest for a public botanical garden in South Carolina is growing, and many garden specialists think Clemson's Botanical Garden is the perfect place for it.

That possibility will be discussed by a panel of horticulture experts in a public forum on Saturday, Feb. 16, 1-5 p.m. in Tillman Auditorium.

The forum, "The Botanical Garden Concept: South Carolina's Progressive Program," will be led by a panel of speakers including Gurdon Tarbox, director of Brookgreen Gardens in Murrells Inlet; Rudy Mancke, host of ETV's "Nature Scene" program; T. L. Senn, former head of Clemson's horticulture department; Robert Marvin, landscape architect for Callo-way Gardens; and Steve Hill, curator of Clemson's Botany Herbarium.

Jim Wilson, host of ETV's "Victory Garden Show" will be the moderator.

The forum is open to the public at no cost. For more information, contact Dave Bradshaw at 656-4949.



The Cantilena Piano Quartet, featuring piano, violin, viola and cello, will share the program with **Brenda Boozer**, distinguished mezzo soprano, in a concert on **Thursday, Feb. 21 at 8 p.m.** in Tillman Auditorium.

The performance is part of the Clemson University Concert Series sponsored by the department of performing arts.

Tickets are \$7 for adults and \$4 for non-Clemson students. Call 656-2461 for ticket information.

Send events to "Master Calendar," Clemson Weekly, Alumni Center

Dates to remember:

Through April 5

—Exhibit: "Black Heritage in the Upper Piedmont." Main lobby, Cooper Library. (656-0665)

Through May 31

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," Special Collections exhibit area, Strom Thurmond Institute. (656-0665)

Saturday, Feb. 16

—Forum: "The Botanical Garden Concept: South Carolina's Progressive Program." 1-5 p.m., Tillman Auditorium. FREE

—Wrestling: Maryland. 7 p.m., Jervey Gym. (656-2114)

Monday, Feb. 18

—Live broadcast: ETV's CrossTalk program: "Incarceration vs. Education." Sponsored by the Center for the Study of the Black Experience. Seating at 8 p.m. with live broadcast from 9-10:30 p.m., Tillman Auditorium. FREE. (656-0313)

Tuesday, Feb. 19

—Film: "The Autobiography of Malcolm X." 7 & 9:15 p.m., Y-Theatre. \$1.75 Admission.

Tuesday, Feb. 19-Wednesday, Feb. 20

—Seminar: "GC/MS for Environmental Samples." Student Senate Chambers. (Continuing Engineering Education, 656-3308)

Tuesday, Feb. 19-Saturday, Feb. 23

—Clemson Players Production: "A Midsummer Night's Dream." 8 p.m. (3:30 p.m. matinee, Feb. 21), Daniel Auditorium. Students FREE, faculty/staff \$2, public \$4

Wednesday, Feb. 20

—Video conference: "The Rise in Campus Racism: The Causes and Solutions." Presented by the National Black Issues in Higher Education Telecommunications Department. Seating at 8 p.m. with live broadcast from 9-10:30 p.m., Tillman Auditorium. FREE

Call 656-INFO for a recorded message about daily events at Clemson

—"The Life and Times of Junebug Jabbo Jones, Part One," by John O'Neal, touring writer and performer. 8 p.m., Tillman Auditorium. \$5 admission

—Lecture: "Women, Men, and Relationship Crisis -How They Differ," by Julia T. Wood, Professor of Speech Communication at UNC, Chapel Hill. Women's Studies Lecture Series. 3:30 p.m., Hardin Hall Auditorium. (Doreen Geddes, 656-3043)

Thursday, Feb. 21

—Third Thursday at the Thurmond: "Policy Issues in Education: The English Speaking World." 8 p.m., Strom Thurmond Institute Auditorium. FREE. (Donna Zimmerman, 656-4700)

—Lecture: "Lasers, Complement and an Enzyme Without a Function." Dr. J. Zimmerman, Department of Biological Sciences. 4 p.m., G33 Jordan Hall. (656-2328)

—The Cantilena Piano Quartet and Brenda Boozer. Clemson University Concert Series. 8 p.m., Tillman Auditorium. Adults \$7, students FREE

Friday, Feb. 22

—Employee Training: "Interpersonal Skills." 9 a.m.-4 p.m. Virginia Poole Room, Clemson House. Reservations necessary. (656-2727)

—"The Life and Times of Junebug Jabbo Jones, Part Two," by John O'Neal, touring writer and performer. 8 p.m., Tillman Auditorium. \$5 admission

Saturday, Feb. 23

—Baseball: Auburn. 2 p.m., Tiger Field. (656-2114)

Sunday, Feb. 24

—Baseball: Auburn. 2 p.m., Tiger Field. (656-2114)

Monday, Feb. 25

—Baseball: East Tennessee State. 3 p.m., Tiger Field. (656-2114)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Director of Constituent CommunicationsMargaret Pridgen
Editor, *Clemson Weekly* Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or fax us at 656-0713.

DEADLINE is FRIDAY, Feb. 15 for the Feb 27 issue.



Clemson

WEEKLY

Vol.30 No. 25

Wednesday, Feb. 20, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Paul Michaud named to top personnel post

Paul J. Michaud, formerly director of personnel services at Central Michigan University, joined Clemson Feb. 1 as associate vice president for personnel management and development.

In his new position, Michaud is responsible for wage and salary administration, recruitment/employment, payroll, employee relations, staff and faculty benefits administration, staff training and development, and policy formulation and implementation.

He directs a unit of the business and finance division, headed by Vice President David Larson.

Michaud describes himself as a "pro-employee" manager who has also been involved with students and the larger campus community at each university where he has worked. "We're all here for the same reason — to educate students," he says.



Paul Michaud

During his first month on the job, Michaud is reviewing all University personnel policies and procedures. "All of a university's personnel policies should be equitable and well-understood," he says.

One of his goals will be to "reduce whatever red tape and conflicts inter-

fere with productivity and keep us from carrying out our mission" of education.

He is also becoming acquainted with the campus, and says he is looking forward to meeting Clemson personnel.

Michaud, 41, has 14 years of experience in personnel management in higher education.

Prior to joining Central Michigan in 1989, he worked for the University of Maine, Iowa State and Marshall University and as a consultant to the University of Northern Colorado.

A native of Maine, Michaud is a 1971 economics graduate of the University of Maine and earned an MBA there.

He holds an M.S. in higher education administration from Iowa State University, where he has completed course work for a doctorate in administration.

Visiting Master Teacher will be in residence during spring semester

Thom Mayne, the University's Visiting Master Teacher this semester, will make his initial trip to the campus Feb. 25-27.

Mayne was selected by unanimous decision of the Alumni Professors.

While maintaining involvement in the international projects of his Santa Monica, Calif., architecture firm, MORPHOSIS, Mayne frequently lectures at universities and institutions.

He is a critic on many juries, including those of the American

Institute of Architects and the Progressive Architecture Awards.

Activities during this first visit will be concentrated in the College of Liberal Arts.

During future visits this semester, Mayne will participate in events open to all faculty and staff, and to the public.

These events will be announced in *Clemson Weekly*.

The Visiting Master Teacher program began last semester with a visit from economist Paul Heyne of the University of Washington.



Photo by Judy Kern

National Engineering Week

In recognition of National Engineering Week, Feb. 18-22, we present three stories highlighting the work of faculty and staff in Clemson's "up and coming" College of Engineering.

Clemson professor to be honored by Biomaterials Society

The Society for Biomaterials will honor the head of Clemson's bioengineering department with a 1991 Clemson Award in Biomaterials.

Clemson is recognized as the academic home of biomaterials — materials used for implants in living tissue — and the awards are the top honors worldwide in their field.

The Society for Biomaterials selects recipients, and Clemson presents the awards in recognition of outstanding contributions to basic research, applied research or biomaterials literature over a period of at least 10 years.

Andreas F. von Recum, professor

and head of bioengineering here, will be recognized for contributions to literature, including his editorship of the "Handbook for Biomaterials Evaluation." Von Recum is spending the 1990-91 academic year conducting research in dental implants at the University of Tübingen in Germany on a Humboldt Research Award.

Jonathan Black, Clemson's Hunter Professor of Bioengineering, will represent Clemson at the awards ceremony in Phoenix at the society's annual meeting, May 1-5. He received a Clemson Award in 1986 while at the University of Pennsylvania.

Clemson, Soviet engineers conduct joint research

Clemson has signed a research agreement in the area of advanced composite materials with the Soviet Academy of Sciences Mechanical Engineering Research Institute in Moscow.

U.S. and Soviet engineers from the two institutions will work toward, for the first time, consistent testing standards for fatigue and fracture of composites.

Centennial Professor James Goree of the mechanical engineering faculty has worked since 1989 to establish the agreement.

It calls for at least one exchange visit each year by each institution. Vasanti Gharpuray, assistant professor of bioengineering, will be Clemson's first representative.

"This type of agreement enhances Clemson's growing reputation as an international leader in engineering," said Charles Jennett, dean of the College of Engineering.

PEER program gets results

In the College of Engineering, "PEER pressure" is having a very positive effect on minority students.

PEER, the Program for Engineering Enrichment and Retention, was instituted in the fall of 1987 to offer academic and emotional support to black students in engineering. Sue Lasser, a Clemson graduate with a degree in counseling, is the program's coordinator.

Emphasis was being placed on recruiting minority students, and the College felt equal emphasis was needed on keeping them, Lasser says.

Junior and senior black engineering students are assigned as mentors to small groups of freshmen and sophomores. The mentors meet with their groups on a weekly basis and one-to-one with students by appointment, offering study tips and "survival" techniques for making it through the rigorous engineering program.

Pre-Professional PEER matches minority mentors from business and industry with juniors, seniors and graduate students for monthly meetings and activities.

PEER participation has grown every year. Of the first group of freshmen to participate in PEER, 78 percent were still enrolled during the fall semester of 1990, and 48 percent were still studying engineering.



Sue Lasser, PEER coordinator, second from left, greets George Bresnihan, human resources representative for Amoco Chemical Co., a supporter of the program. Also present were former mentors Dawn Charlow (B.S. '90), left, now the first black female industrial engineer in the Bahamas, and Denise Simmons (B.S. '90) a civil engineer with Duke Power in Charlotte, N.C.

Carroll earns national certification

Robert E. Carroll, procurement officer in the purchasing and supply services division, has earned his Professional Public Buyer certification. He is the first procurement officer at the University to obtain professional status.

This certification, offered by the National Institute of Governmental Purchasing, requires satisfactory completion of courses in basic, intermediate and advanced purchasing techniques.

Carroll graduated from Erskine College in 1982 and joined the Clemson staff in 1984.



Deadline nears for scholarship applications

Applications for undergraduate scholarships to be awarded next year are now available in the Financial Aid Office, G01 Sikes Hall. Completed applications must be submitted no later than March 1.

By submitting an application, a student will be considered for all scholarships awarded by the University. Students anticipating renewal of their scholarships are required to reapply by March 1 to maintain eligibility.

The University Scholarships and Awards Committee selects scholar-

ship recipients. Most scholarships specify eligibility criteria such as need, major, county residence, state residence and career goal. Stipends range from \$100 to \$5,000.

Transfer students must complete one full semester (12 hours) before they may be considered for University scholarships.

Most award notifications are mailed in late April. All applicants will be notified of the status of their requests, including students who are not awarded scholarships.

Discounted season tickets taxed by IRS

If you purchased discounted season tickets for football or basketball last year, a portion of the discount was reported as taxable income on your 1990 W-2s, in compliance with IRS regulations.

The University is allowed to exclude from income, employee discounts of up to 20 percent of the ticket price paid by the general public. Clemson discounts season tickets for employees by 40 percent, so the additional 20 percent discount is taxable.

This added \$21.60 per football season ticket and \$25 per basketball

season ticket to the employee's taxable income.

According to Ron Herrin, director of payroll and employee benefits, 1,250 employees purchased season football tickets and 416 purchased season basketball tickets last year.

"This is not a new policy announcement — just a reminder," he said. "The same was true for 1989."

Because of these adjustments, the year-to-date gross income on the employee's last check stub of the year may not match the W-2. Employees with questions about their W-2s should call Herrin at 656-2000.

Staff Commision to hold elections

The Commission on Classified Staff Affairs will hold elections soon for its 1991-92 vacancies.

A representative and an alternate will be elected from each of the following areas. All classified staff in these areas are encouraged to submit nominations and to vote:

Academic Affairs

- Nursing/Liberal Arts/Architecture
- Libraries
- Commerce & Industry

Administration

- division-wide

Agriculture and Natural Resources

- division-wide

Business and Finance

- division-wide

Student Affairs

- division-wide

Elections Calendar

Tuesday, March 19

Nominations due to each vice president or designate

Thursday, April 11

Ballots delivered to each college/area in which vacancies exist

Monday, May 6

Ballots due to Commission

Wednesday, May 29

New members announced in *Clemson Weekly*

Send events to "Master Calendar," Clemson Weekly, Alumni Center

Dates to remember:

Through April 5

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Through May 31

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Institute. (656-0665)

Friday, Feb. 22

—Employee Training: "Interpersonal Skills." 9 a.m.-4 p.m. Virginia Poole Room, Clemson House. Reservations necessary. (656-2727)

—"The Life and Times of Junebug Jabbo Jones, Part Two," by John O'Neal, touring writer and performer. 8 p.m., Tillman Auditorium. \$5 admission

—Seminar: "Design and Competitiveness," by J. B. Jones, V.P.I. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, James Jara-Almonte, 656-5620)

Saturday, Feb. 23

—Baseball: Auburn. 2 p.m., Tiger Field. (656-2114)

Sunday, Feb. 24

—Baseball: Auburn. 2 p.m., Tiger Field. (656-2114)

Monday, Feb. 25

—Baseball: East Tennessee State. 3 p.m., Tiger Field. (656-2114)

Monday, Feb. 25 & Tuesday, Feb. 26

—"Defensive Driving." 8 a.m.-noon. Police Department Court Room. (Risk Management and Safety, Freddie Harbin, 656-3365)

Tuesday, Feb. 26

—Seminar: "Postal Procedures and Bulk Mail Preparation." 8 a.m.-noon or 12:30 p.m.-4:30 p.m., Student Senate Chambers. Reservations necessary. (656-2351)

Wednesday, Feb. 27

—Southern Circuit Film Series: "A Spy in the House That Ruth Built." Sponsored by the College of Liberal Arts, the English Department and the S.C. Arts Commission. 8 p.m., Daniel Auditorium. FREE

—Lecture: "Central America and the United States in the 1990s: An Agenda for the Post-Reagan Decade," by Stephen Webre, Louisiana Tech

History Department. 7 p.m., 200 Hardin Hall. FREE. (656-5368)

Thursday, Feb. 28

—Concert: Clemson University Symphonic Band. Part of Student Variety Series. 8 p.m., Tillman Auditorium. FREE

—Lecture: "Polyanionic Proteins: Their Role in Biomineralization and Their Potential for a New Generation of Commercial Polymers," by Hap Wheeler. Biological Sciences Department. 4 p.m., G33 Jordan Hall. (656-2328)

Friday, March 1

—Seminar: "Liquid Immersion Cooling of Multi-Chip Modules," by F. P. Incropera, Purdue University. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, James Jara-Almonte, 656-5620)

Saturday, March 2

—Men's Basketball: Georgia Tech. 4 p.m., Littlejohn Coliseum. (656-2114)

\$\$\$ Name Contest \$\$\$

The contest to rename the University Union games area has been reopened. The new entry period will extend through Thursday, Feb. 28.

The winner will receive a \$50 cash prize.

Send your ideas, by campus mail, to: Name Contest, University Union. Or take them to the games area, on the courtyard level of the Union complex in Johnstone Hall. Include your name and phone number on each entry.

If the name chosen is submitted by more than one person, the entry received first will be declared the winner.


For more information, call George Smith at 656-5823.

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Director of Constituent Communications Margaret Pridgen
Editor, *Clemson Weekly* Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or fax us at 656-0713

DEADLINE is FRIDAY, Feb. 22, for March 6 issue.



Clemson

WEEKLY

Vol. 30, No. 26

Wednesday, Feb 27, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

New institutional compliance guide outlined for Senate

Clemson now has what Vice President for Research Jay Gogue calls "probably the most comprehensive, single [compliance] document of any institution you'll find."

Clemson's research program has grown from \$30 million in 1986 to \$84.5 million in 1990. With this level of growth, Gogue says, the University will be subject to more federal audits and compliance reviews. For the protection of the institution, he says, it is critical that faculty, staff, and students know the rules.

Faculty Senators heard a presentation on the University's newly drafted institutional compliance requirements at the Senate's Feb. 12 meeting.

Gogue said the compliance rules apply not just to projects that are federally funded but to all projects at institutions that accept any federal funds. This means that a non-compliant activity in one program could jeopardize activities in unrelated programs campuswide.

Clemson surveyed 20 schools, ranging from large, well-known research institutions to relatively small regional colleges, and identified 36 areas of compliance responsibility. In the new document, each of the 36 areas is interpreted, giving the background of the requirement, its implementation, applicable laws and regulations, the contact person and the responsible unit on campus.

The complete document is 65 pages; however, a condensed version is being prepared and will be distributed to faculty. It will contain one paragraph on each requirement and

Faculty Senate News

the name of the contact person. Gogue says this will help faculty determine if a certain area is one they need to be concerned with

and, if so, whom to contact for guidance.

In other business:

Senators called on University President Max Lennon to suspend the purchase of new software for the office of business and finance until questions raised by a Senate ad hoc committee have been answered. Previous efforts by the Senate to delay the purchase pending further study have been unsuccessful. A study by the consulting firm of Deloitte-Touche estimates the cost of the software at \$2-3 million.

Senators passed a resolution presented by Sen. William Baron (Engineering) of the Welfare Committee calling for summer school salaries to be raised to a level comparable to that of salaries during the fall and spring semester. The increase would be accomplished in stages over a three-year period.

Senators accepted the recommendations of the International Student Statement Task Force to appoint an ad hoc committee for further study. This committee would examine ways to improve the experience of international students at Clemson and to promote international opportunities for Clemson faculty and students.

The next Senate meeting will be Tuesday, March 12, at 3:30 p.m., in the Senate Chamber of University Union.



Bela Fleck & the Flecktones will perform Friday, March 8, at 8 p.m. in Tillman Hall Auditorium. Fleck, credited with re-inventing the five-string banjo, has been named to *Frets* magazine's "Gallery of the Greats." For ticket information, call 656-2461.

Attention, baseball fans

Season baseball tickets, with reserved seats, are available for \$50.

Seats are reserved by placing the season ticket holders' names on the box seats of their choice. This section contains theater-type seats with backs and arm supports.

Season ticket holders will have access to a special parking area adjacent to the grandstands.

Faculty and staff and their immediate families will be admitted free of charge to the bleacher area. General admission seating is on a first-come, first served basis.

Call 656-2118 for information.

Departmental notes

Agricultural Economics and Rural Sociology

E.A. McClain (Asst Prof) presented "Brazil's Orange Juice Industry Under Changing Exchange Rate Regimes" at the Southern Regional Trade Research Meetings in Clearwater, Fla, on Nov. 15.

J.K. Lewandrowski (ERS, USDA) and E.A. McClain (Asst Prof) published "Resource Use and Deforestation in Brazil's Amazon" in World Agriculture: Situation and Outlook Report, Sep. 1990.

Agricultural and Biological Engineering

M.A. Purschwitz (Asst Prof) and William E. Field (Purdue Univ.) published "Scope and Magnitude of Injuries in the Agricultural Workplace" in the American Journal of Industrial Medicine.

J.M. Bunn (Prof) was elected chairman of the Electrical and Electronic Systems Division of the American Society of Agricultural Engineers at the 1990 Annual ASAE Summer Meeting in Columbus, Ohio, June 24-27.

C.E. Hood (Prof) presented "Agricultural Mechanization Update" at the S.C. Vegetable Exposition and Trade Show in Charleston, Dec. 11-12.

B. Griffin (Assoc Prof) presented "Moisture Control Problems in Residential Situations" at the Coastal Council meeting in Charleston, June 14.

R.O. Hegg (Prof, Dept Hd) presented "Developments in Mechanization for the United States: Production Agriculture" at the Club of Bologna, Round Table II, in Bologna, Italy, Nov. 8.

C.L. Weller (Asst Prof) presented "Clemson's Expectations in Biological Engineering," co-authored by R.E. Young (Prof) and D.E. Brune (Prof), at the ASEE Annual Conference in Toronto in June.

Agronomy and Soils

S.U. Wallace (Prof), J.H. Palmer (Prof), and T. Whitwell (Prof) presented a poster, "Growth of Soybeans Intersceded into Standing Wheat," at the American Society of Agronomy, 82nd Annual Meeting in San Antonio, Texas, Oct. 21-26.

Bioengineering

A.F. von Recum (Prof, Dept Hd) was honored by the board of directors of the Academy of Surgical Research, at their spring meeting, with the establishment of the Andreas von Recum Award to identify and honor members of the organization for outstanding services.

J. Black (Prof) was appointed chair of the joint Awards and Ceremonies, and Nominations Committees of the Society of Biomaterials. He is also one of two U.S. members of the International Program Committee for the 4th Biomaterials Congress, scheduled for Spring 1992, Berlin, Germany.

S.W. Shalaby (Prof) lectured on "Radiostabilization of Absorbable Polymers for Biomedical Applications" at the "Institute in Materials Science" on the "Principles of Degradation and Stabilization" sponsored by the State Univ. of N.Y. in November.

Chemistry

M.M. Cooper (Asst Prof) presented "Writing Assignments for Large Enrollment College Courses" at the 20th Annual Conference of the International Society for Exploring Teaching Alternatives, in Indianapolis, Ind., in Oct.

K. Dill (Assoc Prof) presented the following:

- "Graduate Studies in Chemistry" to Skyline College, San Bruno, Calif.

- "Advances in NMR Spectroscopy: 2000 MHz (47 Tesla) in the Near Future" to the analytical instruments division of Varian Associates, Palo Alto, Calif., in Jan.

- "Advancements in Glycoprotein Studies" to Glyko in Novato, Calif., in Jan.

- "Use of State-of-the-Art Instrumentation in Biotechnology" to Arris Pharmaceutical Corporation, San Francisco, Calif., on Nov. 5.

- "NMR Studies of Glycoproteins and Metal Ion Carbohydrate Interactions" at the University of Wisconsin on Dec. 3.

Dill reviewed the textbook Biochemistry by Matthews and van Holde (Oregon State Univ.) in Journal of Chemical Education.

Dill, L. Huang (Grad Stu), and S. Hu (Former Grad Stu) published "Two-Dimensional NMR Spectral Study (at 500 MHz) of a Glycooctapeptide Derived from Glycophorin AM" in Journal of Carbohydrate Chemistry.

Dill and Huang (Grad Stu) published "Determination of the Activation Energy and the Rate Constant for the Chair-to-Chair Interconversion of Cis-Inositol by NMR Spectroscopy" in Carbohydrate Research.

Civil Engineering

S.C. Anand (Prof) served as a member of the ABET review team to evaluate the Civil Engineering Program at Southern

Methodist University, Dallas, Texas, in November.

Computer Science

R.M. Geist (Prof) presented "Application of Feedback Networks to the Solution of Massive Markov Processes," co-authored by R. Reynolds (Grad Asst) and D. Suggs (Grad Asst), at the Annual Meeting of the Biomedical Engineering Society at Virginia Tech on October 23.

G.A. Tagliarini (Vstg Asst Prof) chaired the session on "Engineering Aspects of Cognitive Sciences" at the Biomedical Engineering Society's annual meeting at Virginia Tech on October 23, where he presented "A Neural Network for Contour Point Detection," co-authored by E.W. Page (Prof).

English

R. Rollin (Prof) presented:

- "Robert Herrick and Erotics of Criticism" at the University of Michigan-Dearborn's biennial Renaissance Literature Conference.

- "Charismatic Evil: Oliver's 'Richard III' and Nicholson's 'Joker'" at the Montgomery PCAS/ACAS meeting in October.

V. Daniel White (Instr) published the poem, "The President Takes a Nature Walk" in Green Fuse Poetry, Fall, 1990.

Entomology

J.H. DuRant (Prof) presented "Effectiveness of Selected Ovicides Against the Boll worm-Tobacco Budworm Complex on Cotton" at the Beltwide Cotton Production Conference in San Antonio, Texas, in Jan.

M.E. Roof (Assoc Prof) presented "Utilization of Plant Mapping to Determine Location of Damage to Cotton by F2 and F3 Generation Bollworm and Tobacco Budworm", co-authored by DuRant (Prof), W.M. Thomas (USDA ARS), and S.H. Roach (USDA ARS).

W.M. Hood (Ext Apiculturist) presented "Use and Abuse of Beekeeping Pesticides" at the Southern States Beekeeper Federation Annual Convention in Myrtle Beach in November.

Hood published the following Clemson University Cooperative Extension Insect Updates: "The Honey Bee," "The Africanized Honey Bee," and "The Africanized Honey Bee - Questions and Answers."

Food Science

J.G. Surak (Prof) presented:

• A short course on "Statistical Process Control for the Food Processing Industry" in Greenville in August.

• "Quality Management and the Malcolm Baldrige National Quality Award" at the South Carolina Trade Fair in Greenville in October.

Forest Resources

F.H. Tainter (Prof), W.A. Retzlaff (Former Grad Asst), D.A. Starkey (USDA Forest Service) and S.W. Oak (USDA Forest Service) published "Decline of radial growth in red oaks is associated with short-term changes in the climate" in the *Eur. J. For. Path.* 20(1990).

D.N.-S. Hon (Prof) and N. Shiraishi (Kyoto Univ., Kyoto, Japan) edited "Wood and Cellulosic Chemistry", Marcel Dekker, Inc., New York and Basel, 1991.

History

J.L. Arbena (Prof) has been named series advisor by Greenwood Press for its newly established series, "Contributions in Latin American Studies."

Arbena published "Sport and Revolution: The Continuing Cuban Experience" in *Studies in Latin American Popular Culture*, 9(1990)

Horticulture (Agricultural Sciences)

M.C. Halbrooks (Assoc Prof) and J.P. Albano (Ag Sci Assoc II) presented the following at the annual meeting of the American Society for Horticulture Science in Tucson, Ariz., in November:

• "Relationships of iron and manganese availability in peat-based media to the occurrence of a specific physiological disorder in *Tagetes erecta*."

• "Release patterns of nitrate, calcium, and magnesium from Osmocote 17-6-10 incorporation in containers of nursery crops."

T. Whitwell (Prof) and J.C. Hubbard (Ag Supv) presented "Tolerance of ornamental grasses to postmergence grass herbicides" at the annual meeting of the American Society for Horticulture Science in Tucson, Ariz., in November.

Instruction (Nursing)

R.B. Hughes (Assoc Prof, Dept Hd) was elected secretary for Appalachia District of the S.C. Nurses Association.

Languages

M. Cranston (Prof) chaired the 19th &

20th Century French Literature section at the meeting of the South Atlantic Modern Language Association in Tampa, Fla.

Library

M. Kohl (Assoc Libr) presented "Preserving Textile Records at Clemson University" at the annual meeting of the Textile Information Users Conference in New Orleans, La., in May. He also chaired a session at the Third Textile History Conference on "Twentieth Century Textile History: The South" in Lowell, Mass., in Sept. He was re-elected chair of the OCLC Users Roundtable of the Society of American Archivists.

Marketing

R. Gomes (Asst Prof) presented "Logistics Forecasting Challenges in the 1990s: Factors Affecting Technique Selection," co-authored by John T. Mentzer (Va. Tech), at the 19th Annual Transportation and Logistics Educators Conference in Anaheim, Calif. The paper is published in proceedings of the meeting, *Logistics Management in the Year 2000*.

M.C. LaForge (Assoc Prof) and S.J. Grove (Assoc Prof) presented "Perceptions of Marketing and Life Satisfaction Among the Elderly: An Issue for the 1990's" at the American Marketing Association's 1990 Educators' Conference in Washington, D.C., in August. The paper is published in proceedings of the meeting, *Enhancing Knowledge Development in Marketing*.

LaForge and R.S. Cantrell (Assoc Prof, Management) presented "Dissatisfied Elderly Complainants: Some Suggestions for Defensive Strategists" at the Atlantic Marketing Association's annual conference in Boston, Mass., in October. The paper is published in proceedings of the meeting, *Marketing Theory and Practice: Positioning for the 21st Century*.

Grove, P.A. Knowles (Vstg Asst Prof), and G. M. Pickett (N. Ariz. Univ.) published "Demonstrating Ethnocentrism: A Map Exercise to Concretize the Concept," in *Journal of Teaching in International Business*.

Mechanical Engineering

A. Bagchi (Assist Prof) presented "A Design Environment for Rapid Prototyping," co-authored with C.C. Jara-Almonte, R.L. Dooley, and A.A. Ogale, at the 1990 ASME Winter Annual Meeting in Dallas, Texas.

J. Leih (Former Grad Stu) and I.

Haque (Assoc Prof) published "Symbolic Dynamics and Control Analysis of Elastic Vehicles with Active Suspensions" in Symposium on Simulation and Control of Ground Vehicles and Transportation System.

Parks, Recreation and Tourism Management

K. Backman (RRDI), S. Backman (Asst Prof), M. Uysal (Assoc Prof), and U. Jamroz (Grad Asst) published "The Use of Regional Analysis of Tourism Resources in Marketing Research" in *The Tourism Connection* (TTRA) 1990.

M. Bonn (Florida State Univ), M. Uysal (Assoc Prof), and L. Furr (Chico), published "A Segmentation Analysis of Peak Season and Shoulder Season Resort Visitors in S.C." in *The Tourism Connection* (TTRA) 1990.

Uysal (Assoc Prof) and L. Allen (Dept Head) published "Recreation, Travel, and Tourism Institute: An Overview" in *The Tourism Connection* (TTRA) 1990.

Uysal (Assoc Prof), P. Zimmer (Grad Asst), and M. Bonn (Florida State Univ) published "Marketing Resorts to the Gray Traveler" in *Leisure Information Quarterly*, 1990.

R. Gitelson (Penn State Univ) and Uysal (Assoc Prof) published "The Repeat Phenomenon in Tourism: A Case Study of North and South Carolina" in *SECHRIE Research and Review Journal*, 1990.

Performing Arts

P. Kellett (Asst Prof) presented "A critical explication of communication theories & models in accounts of religious conversion: Toward a phenomenological model" at the annual conference of the Speech Communication Association in Nov.

Physics and Astronomy

P.B. Burt (Prof) presented "Huygens' Principle and the Unification of Dynamics" at the Huygens Anniversary Conference, Scheveningen, The Netherlands, in Nov.

J.R. Ray (Prof) and H.W. Graben (Prof) published "Fourth Adiabatic Ensemble," in *Journal of Chemical Physics* in Sept. 1990.

Ray (Prof) and L. Smalley (Univ. of Ala.-Huntsville) published "Weyssenhoff Spinning Fluid in Riemann-Cartan Spacetime: Direct Variation with Respect to the Spin Density of the Fluid," in *Classical and Quantum Gravity*.

Send events to "Master Calendar," *Clemson Weekly*, Alumni Center

Dates to remember:

Through April 5

—Exhibit: "Black Heritage in the Upper Piedmont." Main lobby, Cooper Library. (656-0665)

Through May 31

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Institute Building. (656-0665)

Friday, March 1

—Seminar: "Liquid Immersion Cooling of Multi-Chip Modules" by F. P. Incropera, Purdue University. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, James Jara-Almonte, 656-5620)

Saturday, March 2

—Men's Basketball: Georgia Tech. 4 p.m., Littlejohn Coliseum. (656-2114)

Monday, March 4

—Women's History Lecture: "Sexuality, Nationality, and Citizenship: What the Europeans Learned from the Argentines" by Donna J. Guy, University of Arizona. 8 p.m., Lee Hall Auditorium. Sponsored by the Department of History and the College of Liberal Arts. (Joe Arbena, 656-5354 or 656-3153)

Tuesday, March 5

—Women's History Roundtable Discussion: "The Importance of Cross-Cultural Comparison in Women's Studies." 3:30 p.m., Jordan Room (on the breezeway). Sponsored by the Department of History and the College of Liberal Arts. (Joe Arbena, 656-5354 or 656-3153)

—"First Tuesday Briefing" luncheon: Myra Marshall, director of Clemson Telecampus. Noon, Alumni Center, \$5 for lunch reservations or bring your own lunch. (Debby Cremer, Alumni Center, 656-2345)

—Lecture: "Economics of Environmental Quality" by Kenneth Boulding, professor emeritus, University of Colorado, Boulder. 7 p.m., Strom Thurmond Institute Auditorium. (656-4700)

Thursday, March 7

—Baseball: Augusta College. 3 p.m., Tiger Field. (656-2114)

—Concert: Clemson University Jazz Ensemble featuring the contemporary sound of modern jazz. 8 p.m., Tillman Auditorium, FREE. (University Union, 656-2461)

—Strom Thurmond Institute presents: Economic Outlook Conference. 1:30-4 p.m., Strom Thurmond Institute Auditorium. \$35 fee. (Call 656-4700 to register)

Friday, March 8

—Seminar: "Delamination of Composite Materials" by Paul Legace, MIT. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, James Jara-Almonte 656-5620)

—Lecture: "Change: New Ways of Thinking About the Future" by futurist Wayne Burkan, a colleague of Joel Barker with Alternative Visions. 3 p.m., Strom Thurmond Institute Auditorium. (656-5274)

—Concert: Bela Fleck & the Flecktones. 8 p.m., Tillman Auditorium. Sponsored by CDCC of the University Union. \$8.50 in advance, \$10.50 day of concert. (656-2461)

Saturday, March 9

—Opera Carolina featuring operatic and musical theatre excerpts from recent films. 8 p.m., Tillman Auditorium. Students and senior citizens \$6, public \$8. (On Stage, 656-2461)

—Film: "Bedknobs and Broomsticks." 3 p.m., Y-Theatre. Admission \$1,

AWP seeks nominees for McWhorter Award

The Association of Women Professionals is accepting nominations for its sixth annual Susan B. McWhorter Outstanding Woman Professional Award.

March 20 is the deadline for submitting nominations. The presentation will be made on April 17.

The award honors a career woman in the tri-county area who has made significant contributions to her profession, helped other women achieve their goals, and provided leadership in community, church or family life. Last year's recipient was Linda Jennett of Clemson.

Nomination letters must be mailed to the AWP Award Committee, P.O. Box 1183, Clemson, S.C. 29633.

For more information, call Judi Nicks at 656-2598 or 654-8166.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Director, Constituent Communications Margaret Pridgen
Editor, *Clemson Weekly* Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or fax us at 656-0713.

DEADLINE is FRIDAY, March 1 for March 13 issue.

Clemson

WEEKLY

Vol.30, No.27

Wednesday, March 6, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Ag Sales Center changes hours, products and administration

The Agricultural Sales Center, one of the biggest attractions on campus, will soon offer an expanded product line and new hours.

The sales department is now open to the public 9 a.m. to 5:30 p.m. Monday through Saturday and 2-5:30 p.m. on Sunday. During April, it will stay open until 9 p.m. Monday through Saturday.

At the end of this test period, the Center will determine if evening hours are popular for customers as well as economical for the Center, says its director, Tom Reynolds.

The Center sells Clemson University milk, ice cream, frozen yogurt, shakes, sundaes, blue cheese and eggs.

The product line has been expanded to include various size containers of whole, lowfat, 2 percent, skim, chocolate and buttermilk.

These liquid dairy products will be

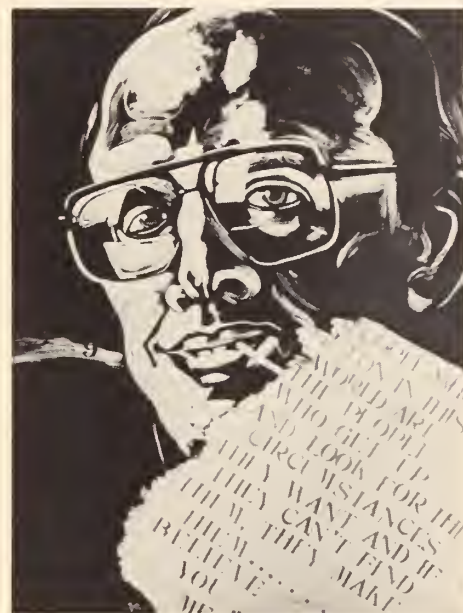
available for the first time at the East Campus Convenience Store.

Also, Clemson blue cheese will be available through a special mail-order promotion planned for later this spring.

The Center was established at its present location in Newman Hall in 1961 and has been administered through the S.C. Agricultural Experiment Station. It was officially transferred to the University's business services department in January, says Jim Fischer, dean and director of the Experiment Station.

"The Sales Center will be operated by business services, which is in a position to better equip the Center and emphasize the marketing of agricultural products," Fischer says.

This newly created department, "agricultural products sales," will include the dairy plant, the agricultural sales floor and the blue cheese operation, he says.



"Bosse\$: 9" by Sue Buck, a monoprint in Lee Hall exhibit

Hirshhorn curator to judge print and drawing exhibition

Ned Rifkin, chief curator for exhibitions at the Smithsonian Institution's Hirshhorn Museum in Washington, D.C., will be the juror for the fifth biennial Clemson National Print and Drawing Exhibition on display in Lee Hall's Rudolph E. Lee Gallery March 11-29.

In connection with the opening of the exhibition, Rifkin will present a lecture Monday, March 11, at 8 p.m. in Lyles Auditorium of Lee Hall, followed by a reception in the gallery. Both are open to the public at no charge.

More than 1,000 entries from artists throughout the United States were submitted, and 56 were chosen for the exhibition.

Gallery hours are 9 a.m.-4:30 p.m. Monday-Friday and 2-5 p.m. Sunday. For information, call gallery director Deborah Brooks at 656-3081.

Clemson Medallion Dinner

The University will salute two of its most successful and distinguished volunteers at the Clemson Medallion Dinner on April 5, and all faculty and staff members are encouraged to participate.

This 11th annual Medallion celebration will begin with a reception at 6 p.m. followed by dinner at 7 p.m. — both in Littlejohn Coliseum. Trustee Buck Mickel and Class of '41 President Roy Pearce will become the 20th and 21st recipients of The Clemson Medallion, the institution's highest public honor.

Tickets are \$30 each and are available at the Alumni Center. Call 656-2345 by March 15 for reservations.

Departmental notes

Agricultural Economics and Rural Sociology

J.W. Jordan (Prof) presented "Financial Measures and Criteria" at the Farm Financial Standards Task Force meeting in Denver in December.

G.L. Bradford (Dept Hd, Prof) was presented a 25-Year Certificate of Service Award at the International Tobacco Workers Conference in Charleston in January.

M.D. Hammig (Prof) returned to his assigned teaching/research duties in January after serving two years (1988-90) as a Research Ag Policy Analyst on a USAID-funded project in Indonesia. He received a Meritorious Service Award by USAID.

The following papers were presented to the North American Regional Science Association in Boston in November:

- "Foreign Direct Investment in Rural Communities" by D.L. Barkley (Prof), with K. McNamara (Purdue Univ).

- "Rural Development in Thunen Space: Formulation and Testing of a Baseline Simulation Model" by J.C. Hite (Alum Prof), co-authored with D.E. Stevenson (Assoc Prof, Computer Science).

Civil Engineering

C.H. Juang (Assoc Prof) published:

- "A Performance Index for the Unified Rock Mass Classification System" in The Bulletin of the Association of Engineering Geologists.

- "Strain, Pore Pressure and Fatigue Characteristics of Sandstone Under Various Load Conditions," co-authored with Y.M. Tien (Cheng Kung Univ) and D.H. Lee (Cheng Kung Univ), in the Journal of Rock Mech. Min. Sci. & Geomech.

Computer Science

H.C. Grossman (Assoc Prof) presented "Mitre Interface for DoD T&E Assets Database" and "MSTIRC Database Retrieval System" at the TECNET Database Committee meeting held at the Naval Test Center, Patuxent River, Md. in January.

Earth Sciences

R.D. Warner (Assoc Prof) and P.J. Wasilewski published "Magnetic Petrology of Eastern North America Diabases, I. Olivine-Normative Dikes from Western South Carolina" in Earth and Planetary Science Letters.

Entomology

P. M. Horton (Prof) presented "Current Policies and Trends in the Regulation of Pesticide Applicators in the US" at the Canadian National Standard Task Force meeting in Calgary, Alberta, in October. Horton and W. Hock (Penn State Univ.) serve as U.S. advisors to the Canadian Task Force.

Experimental Statistics (Agriculture)

W.C. Bridges (Assoc Prof) was elected chairman of the NCR-21 Technical Committee on Quantitative Genetics.

Bridges:

- Presented "Statistical Issues in the Use of Molecular Markers" at the Gordon Research Conference on Quantitative Genetics and Biotechnology in Oxnard, Calif., in January.

- Published "Using Molecular Markers to Estimate Quantitative Trait Locus Parameters: Power and Genetic Variances for Unreplicated and Replicated Progeny," co-authored with S.J. Knapp (Oregon State Univ.), in Genetics.

Food Science

S.F. Barefoot (Assoc Prof) published "Molecular Evidence for Lysogeny in *Lactobacillus Acidophilus* and Characterization of a Temperate Bacteriophage," co-authored with J.L. McArthur, J.K. Kidd, and D.A. Grinstead, in the Journal of Dairy Science.

History

R.M. Golden (Prof):

- Commented on "The Pastoral Visitation Project Revisited," at the conference of the Western Society for French History in Santa Barbara, Calif., in November.

- Chaired "Reputation, Conviction, and Persuasion in Counter-Reformation Thought and Print" at the annual meeting of the American Catholic Historical Association in New York City in December.

E. Moise (Prof) reviewed:

- "Lost Victory: A Firsthand Account of America's Sixteen-Year Involvement in Vietnam" in Journal of Asian Studies.

- "Vietnam at War: The History, 1946-1975" in Journal of Asian Studies.

- "Nation in Arms: The Origins of the People's Army of Vietnam" in Asian Studies Review.

- "War by Other Means: National Liberation and Revolution in Vietnam 1954-60" in Asian Studies Review.

Moise presented:

- "Guerilla Warfare" at the annual meeting of the Association of Third World Studies in Columbia, S.C., in October.

- "Escalation Planning in 1964" at the Seminar on the History of the Vietnam/Indochina War at Columbia University in November.

J.L. Arbena (Prof) presented "International Aspects of Sport in Latin America: Perceptions, Prospects, and Proposals" at the annual conference of the North American Society for the Sociology of Sport in Denver in November.

Industrial Engineering

W.G. Ferrell (Asst Prof) and B.A. Watford (Assoc Prof) completed requirements to become registered professional engineers in S.C.

R.P. Davis (Prof) attended the NSF Review Panel for the National Research Council in Washington, D.C., in January.

Physics and Astronomy

J.R. Manson (Prof) and C.W. Skorupka (Former Grad Asst) published:

- "Diffuse Elastic Scattering of Atoms from Surface Steps" in Physical Review.

- "Inelastic Scattering from Einstein Modes of Surface Defects" in Physical Review.

Manson presented:

- "Energy Exchange in Atom-Surface Collisions" at the 13th Werner Brandt Meeting on Collisions of Charged Particles with Solids in Nara, Japan, in November.

- "Multiphonon Atom-Surface Scattering" at the 7th Workshop on Interactions of Molecules Beams and Surfaces in Gothenburg, Sweden, in September.

Political Science

M.A. Morris (Prof) presented:

- "Caribbean Navies and Coast Guards Compared" at the 12th Annual Conference of the Association of Caribbean Studies, Santo Domingo, Dominican Republic, in July.

- "Trends in Caribbean Maritime Security" at the 15th Annual Caribbean Studies Association Conference, Port-of-Spain, Trinidad, in May.

Morris:

- Reviewed "Out of the Ashes: Life, Death and Transfiguration of Democracy in Chile," by James R. Whelan, for the

Deadline nears for alumni research award nominations

American Political Science Review.

•Chaired a panel on "Military Issues in the Third World" and presented "Caribbean Maritime Security: East-West and North-South Perspectives" at the Eighth Annual Meeting, Association of World Studies at the University of South Carolina, Columbia, in October.

•Lectured on Caribbean navies at the Armed Services College, Port-of-Spain, Trinidad, in May.

•Participated on a panel on Latin American democracies at the International Studies Association meeting, Washington, D.C., in April.

•Co-authored with V. Millan (PROSPEL, Santiago, Chile) a monograph, "Conflicts in Latin America: Democratic Alternative in the 1990s," which is part of the series, Conflict Studies of RISCT (the Research Institute for the Study of Conflict and Terrorism), London, England.

Psychology

T.R. Alley (Assoc Prof) published "The Ecological Approach to Person Perception" in Contemporary Social Psychology.

F. Switzer (Asst Prof), J. Sniezek (Univ of Illinois) and Paul Paese (Univ of Missouri at St. Louis) published "The Effects of Choosing on Confidence in Choice" in Organizational Behavior and Human Decision Processes.

Sociology

J.M. Coggeshall (Asst Prof) presented "A Beginner's Guide for Combining Anthropology and ESL Student Activities" at the 1990 Anthropological Association annual meeting in New Orleans, La.

Coggeshall co-edited, with Pam Frese, Transcending Boundaries: Multi-Disciplinary Approaches to the Study of Gender, Bergin and Garvey Press, New York, 1991.

Visual Arts and History

E.C. Voellker (Alum Prof) presented "Tridentine Architecture of Female Monasteries" at the Southeastern College Art Conference in Atlanta in October.

Youth Development & 4-H

B. Spalding (4-H Program Coordinator) received two National Computer Awards (first place in technical writing and second place in programming) at the NAE4-HA annual Meeting in White Sulphur Springs, W.Va.

March 29 is the deadline for nominations for the 1991 Alumni Award for Outstanding Achievement in Research.

This award is open to any faculty member engaged in research in any discipline.

The award is administered by the Office of University Research. The University Research Grant Committee, composed of representatives from each of the nine colleges, will make the selection.

The winner of the award will receive a \$1,500 stipend from the

Alumni Association and will be recognized at the May commencement. The stipend is made possible by unrestricted gifts to the annual Loyalty Fund.

All Clemson faculty who are engaged in scholarly or scientific inquiry and who have conducted their research in residence for at least five years are eligible. Previous recipients of the award are not eligible.

For nomination guidelines and complete instructions, contact Elaine Hallums, Office of University Research, E-102 Martin, 656-4745.

Staff Commission news:

Commission learns of IPTAY benefits

IPTAY funds have paid for many projects that benefit the entire University community — not just the athletic department.

That's the message guest speaker Allison Dalton, executive secretary of IPTAY, emphasized at the Feb. 12 meeting of the Commission on Classified Staff Affairs.

IPTAY provides financial aid for 400 student athletes, picks up the tab for uniforms, equipment and travel expenses for Tiger Band, and funds other athletics-related projects.

IPTAY has also paid for many recreational facilities that are enjoyed by staff and faculty, and their families. The Fike renovation and swimming pool, East Beach recreation area, the tennis center, and the indoor and outdoor tracks were paid for with IPTAY funds.

Dalton described the growth of the organization from its beginning in 1934, when IPTAY meant "I pay ten dollars a year," to the present and a \$4.4-million annual operating budget. "IPTAY is not an organization of fat cats," he said. "Our average contribu-

tion is \$300 and 47 percent of our members give at the \$100 level."

In other business:

The Welfare Committee reviewed a questionnaire sent to lead secretaries in every department as part of an ongoing study of employee recognition programs.

The Commission discussed the increased representation of classified staff on University committees. The Fine Arts Committee and Recreation Committee have asked for a representative from the Classified Staff Commission, and the provost search committee will have one classified staff member with full voting rights.

The Commission named John Bridges, John McKenzie and Lynn Belding to a University committee being formed to plan a day of activities, probably during fall semester, to promote interaction between faculty, staff and students.

The next Commission meeting will be Tuesday, March 12, at 10 a.m., in 113 Lehotsky Hall. Jeff Martin, director of conference and guest services, will be the guest speaker.

Dates to remember:

Send events to "Master Calendar," *Clemson Weekly*, Alumni Center

Through May 31

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Institute Building. (656-0665)

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—Film: "Bedknobs and Broomsticks." 3 p.m., Y-Theatre. Admission \$1, FREE for children under 5.

Monday, March 11

—WHEN (Women in Higher Education Network). "Humor and Health" by the Woman's Way of Greenville Hospital System. Noon, Ramada Inn. (Michalann Greenway, 656-5785)
—Panel Discussion: "Redistricting: Dividing up the Political Goodies." Bobby M. Bowers, director, State Budget and Control Board; Neil Smith, chairman, Pickens County Council; and Nell Smith, Senator, Pickens County District No. 2. 7:30 p.m. Strom Thurmond Institute Auditorium. (656-4700)
—Lecture: Ned Rifkin, chief curator, Smithsonian Institution's Hirshhorn Museum, and juror of Fifth Clemson National Print and Drawing Exhibition. 8 p.m., Lyles Auditorium, Lee Hall. A reception in the Rudolph E. Lee Gallery will follow. The exhibition will be on display through March 29. (For gallery hours or additional information call Deborah Brooks, 656-3081)

Tuesday, March 12

—Employee Training: "Improving Communication Skills." 9 a.m.-4 p.m., Poole Room, Clemson House. Reservations necessary. (656-2726)
—Commission on Classified Staff Affairs meeting. 10 a.m., 113

Lehotsky Hall. (Ruth Taylor, chairperson, 656-5174)

—Faculty Senate meeting. 3:30 p.m., Student Senate Chambers, University Union. (Allen Dunn, president, 656-2456)

—Concert: Pianist Ory Shihor. Part of Utsey Chamber Music Series. 8 p.m., Daniel Hall Auditorium, FREE.

Wednesday, March 13

—Employee Training: "Systems Analysis and Flowcharting." 9 a.m.-4 p.m. Continued Thursday, March 14, 8:30 a.m.-noon. Reservations necessary. (656-2726)

Thursday, March 14

—Black Faculty and Staff Meeting. 4:45 p.m., F-149 Poole Agricultural Center. (Cheryl Adams, 656-4675)

Friday, March 15

—Last day to withdraw from class or the University without final grades.
—Baseball: Virginia. 3 p.m., Tiger Field. (656-2114)

AAUP examines Clemson's future

"The Academic Marketplace in the 1990s: Implications for Clemson University," will be the focus of a program sponsored by the Clemson chapter of the American Association of University Professors.

Holley Ulbrich, professor of economics, will present a summary of a recent report of the Environmental Scanning Committee on prospects for the academic marketplace — retirements, new entrants, and student enrollment — through the year 2000.

Respondents will be Jim Andreas, head of the English department, and Dory Helms, associate dean of the College of Sciences.

The meeting will be held on Wednesday, March 13, at 4 p.m. in 303 Rhodes Hall. Faculty, administrators, classified staff and students are invited to attend.

For more information, contact John Idol, AAUP president, 656-5395.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Communications and External Relations.

Director, Constituent CommunicationsMargaret Pridgen
Editor, *Clemson Weekly*Beth Jarrard

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DEADLINE is FRIDAY, March 15, for March 27 issue.



Clemson

WEEKLY

Vol. 30, No. 28

Wednesday, March 13, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY



Leuschner



O'Neal



Pardue

Three academic department administrators named

William A. Leuschner has been chosen as the new head of the forest resources department.

Leuschner comes to Clemson from Virginia Polytechnical Institute, where he was a professor of forest management-economics. He received a Ph.D. in forest economics from the University of Michigan, an M.B.A. in industrial management from the University of Pennsylvania and a B.S. in forestry from New York University.

Leuschner was chosen from among 28 candidates in a nationwide search. "I feel that he will help us chart our course to be among the top 10 schools of forestry in America," said Ben Box, dean of the College of Forest and Recreation Resources.

He is scheduled to begin his duties July 1.

William Larry O'Neal is the new department head for continuing education in the College of Nursing.

Previously, O'Neal was associate administrator for nursing services at the Providence-St. Margaret Health Center in Kansas City, Kan. He also taught nursing administration in the graduate program at the University of

Missouri School of Nursing. He served eight years in the U.S. Army Nurse Corps.

O'Neal received bachelor's degrees from Park College and Central Missouri State University, a master's degree from Tulane University School of Public Health and Tropical Medicine and a doctorate from Kansas State University.

Fred Pardue has been named associate head of Clemson's new animal, dairy and veterinary sciences department.

An Extension dairy specialist at Clemson for nearly 25 years, Pardue will help with the overall operations of the department and will continue his work with the S.C. dairy industry.

A native of Wilkesboro, N.C., Pardue earned a B.S. degree in agriculture from Berea College in Kentucky, an M.S. in dairy nutrition from the University of Kentucky, and a Ph.D. in animal science nutrition from the University of Georgia.

The new department was created by consolidating the animal science and dairy science departments. C.W. Foley heads the resulting animal, dairy and veterinary sciences department.

Public affairs office reorganized

Gary Ransdell, vice president for institutional advancement, has announced a reorganization and a promotion within his division.

In January, the University's public affairs office in Columbia, S.C., was transferred to the institutional advancement division. Responsibility for Clemson's governmental relations program has now been assigned to Francis Canavan, who also oversees the office of news services and the office of constituent communications.

Canavan's new title is associate vice president for public affairs, Ransdell said. Catherine Sams has been promoted to assistant vice president for news services.

A 1974 graduate of the University of Massachusetts, Canavan holds a law degree from the University of South Carolina. He came to Clemson in 1989 from Washington, D.C., where he was press secretary to the Ways and Means Committee, U.S. House of Representatives.

Sams, a 1977 graduate of the University of South Carolina, has been with Clemson since 1981. She has served as Experiment Station editor, University science editor, and director of news services.

"We are fortunate to be able to call on the talents and experience of a Francis Canavan and a Cathy Sams to coordinate our external communications with these important segments of our public — that is, state and federal government officials and the news media," said Ransdell.

"In the one case, it called for a reorganization and title change," he added. "The other is an outright promotion, and it is well-deserved."

Wade Green continues as director of the Columbia office of public affairs. Margaret Pridgen is assistant vice president for constituent communications.

Departmental notes

Agricultural Economics and Rural Sociology

J.C. Hite (Alum Prof) and D.E. Stevenson (Assoc Prof) presented "Rural Development in Thunen Space: Formulation and Testing of a Baseline Simulation Model" at the North American Regional Science Association meeting in Boston in November.

Hite presented the keynote lecture, "Regional Theory and the Economic Development of Rural and Remote Regions" at the Australian/New Zealand Regional Science Association meeting at the University of Western Australia in Perth in December. He also presented seminars at Deakin and Curtin Universities and the Water Authority of Western Australia and was interviewed by the Australian Broadcasting Corp.

Agronomy and Soils

The following papers were presented at the 82nd annual meeting of the American Society of Agronomists in San Antonio, Texas, in October:

- "County Extension Crop Production Meetings: Perceptions of Agents and Specialists" by J.H. Palmer (Prof), E.C. Murdock (Prof), and B.W. Pinkerton (Asst Prof).

- "Evaluation of GOSSYM/COMAX as an On-Farm Cotton Management Tool" by L.H. Harvey (Prof).

- "Soil Microbial Ecology: Arbuscular and VA Mycorrhizal Fungi" by H.D. Skipper (Prof) and J.B. Morton (West Va Univ).

- "Cyclic Inundation of Reedcanarygrass" by J.S. Rice (Prof) and B.W. Pinkerton (Asst Prof).

- "Changes in Soybean Gene Regulation Due to Rootknot Nematode Giant Cell Formation" by E.E. Hiatt III (Grad Stud), E.R. Shipe (Prof), and A.G. Abbot (Assoc Prof).

The following posters were presented at the 82nd annual meeting of the American Society of Agronomists in San Antonio, Texas, in October:

- "Field Survey - A Device to Determine the Priorities in the Tobacco Extension Program" by D.T. Gooden (Prof) and R.C. Reich (R.J. Reynolds Tobacco Co.).

- "Production of Canola on the Southeastern Coastal Plain" by P.M. Porter (Asst Prof) and D.M. Robinson (Ag Sc Assoc).

- "Pasture Herbicide Residue Carryover Effects on Overseeded Winter Annual Clovers" by B.W. Pinkerton (Asst Prof) and E.C. Murdock (Prof).

- "Bermudagrass Cultivar Response to Fall Management and Burning" by Pinkerton.

- "Soil Moisture Recharge Patterns in a Complex Piedmont Landscape" by G.R. Bathke (Asst Prof), D.K. Cassel and R.B. Daniels (N.C. State Univ).

- "Secondary Mn/Fe Ratios as Geochemical Indications of Field-scale Water Movement" by Bathke and P.A. McDaniel (Univ of Idaho).

- "Influence of Organic Acid Concentration on Sulfate Absorption" by A. Evans, Jr. (Asst Prof).

- "The Microbial Degradation of Low-Molecular Weight Organic Acids" by T.J. Anderson (Fmr Grad Stu), Evans, and H.D. Skipper (Prof).

- "Association of Soybean Growth Parameters with Tolerance to Columbia Lance Nematode" by E.R. Garner (Fmr Grad Stu), E.R. Shipe (Prof), J.D. Mueller (Assoc Prof), and G.C. Weiser (Fmr Asst Prof).

- "Screening Selected Soybean Genotypes for Aluminum Tolerance" by Shipe, D.P. Priadi (Former Grad Stu), and Evans.

During the annual meeting of the Agronomy Society of South Carolina in Cayce in December:

- N. Page (Prof Emeritus) received the South Carolina Distinguished Agronomist Award, presented by L. Parks (Prof).

- B. Stringer (Assoc Prof), was elected president, E. Murdock (Prof), vice president, P. Porter (Asst Prof), secretary, N. Ferguson (Asst Prof), treasurer, and J. Camberato (Asst Prof), director.

Bioengineering

G. Heimke (Vstg Prof) presented an invited paper, "Use of Alumina Ceramics in Medicine," at the 3rd International Symposium on Ceramics in Medicine in Terre Haute, Ind., in November.

R.L. Dooley (Prof) and T. Ambrose (Grad Asst) presented a scientific exhibit, "Orthopaedic Radiology Digital Techniques," at the annual meeting of the Orthopaedic Trauma Association in Toronto in November.

Dooley, Ambrose, and G. Stefancik (Res Assoc) presented a scientific exhibit, "Advanced Digital Image Processing

Techniques for Orthopaedic Applications," at the 18th World Congress, Societe Internationale de Chirurgie Orthopedique et de Traumatologie, in Montreal in September.

English

M. Walker (Instr) presented "America Has a Lot of Colors: Anthropology and ESL on Campus" at the annual meeting of the American Anthropological Association in New Orleans in November.

C. Ward (Assoc Prof) presented "Persistence of Vision: Hollywood's Misconceptions of the South" at the Popular Culture Association in the South meeting in Montgomery, Ala., in October.

Ward published the following:

- "The Hollywood Yuppie: 1980-88" in Beyond the Stars: Studies in American Popular Film, (Bowling Green State University Popular Press, 1990).

- An entry on filmmaker Ingmar Bergman in Great Lives From History: Twentieth Century, (Salem Press, 1990).

- A review of Australian Movies and the American Dream, in Postscript.

Environmental Systems Engineering

T.M. Keinath (Dept Hd, Prof) presented the keynote address, "The Outlook on Environmental Engineering Education for the 90s," before the Chinese Institute of Environmental Engineers in Taipei in November. He also made technical presentations at National Taiwan University and before the National Research Council.

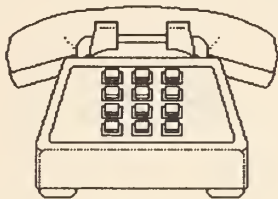
Fertilizer & Pest Control

V. McCaskill (Dept Hd, Prof) was an invited speaker and presented "Fertilizer Use and the Environment" at the Fall USDA Outlook Conference in Washington, D.C. in November.

Instruction (Nursing)

J. Milstead (Asst Prof) and H. Romijn (RN., St. Elisabeth Hospital, Leiderdorp, Holland) published "A First Attempt at an International Nurse Exchange Program Between St. Elisabeth Hospital, Leiderdorp, Holland, and Clemson University, South Carolina, USA" in The International Nurse.

Clemson targeted by telemarketers



As quickly as consumers learn to dodge deceptive telemarketing schemes, companies develop new infiltration strategies. And judging from complaints, the University faculty and staff have been targeted as fair game.

One approach recently encountered is a computerized phone call disguised as a survey. The scenario may go something like this: "Hello, Clemson faculty or staff member. We are conducting a survey of computer use at Clemson University. Do you use a computer four or more hours per day?"

If the answer is yes, the recording continues, "You should know that the Institute (such and such) has concluded that working at a computer for that length of time causes eye problems"

The final question is whether the listener would be willing to participate in evaluating a product designed to minimize glare and prevent eyestrain — or whatever the company is trying to trick you into buying. Sound familiar?

Some companies even try to pass themselves off to departmental secretaries as having permission to call, says Jim Boleman, the University's director of purchasing.

"Nothing gets results like the ring of authority, especially if the company drops an important name that they picked off a mailing list," he adds.

Telephone scams are an age old problem, says Boleman. Approximately 10 years ago, the FBI and Boleman worked for about a year trying to trace such companies. Unfortunately, most of the companies are "fly-by-night" operations and difficult to track down, he says.

Boleman says the University purchases most supplies either by state contract or on a competitive basis. "Employees should explain that sales companies are welcome to send a written request to be put on a bid list and referred to the University's purchasing department," he says.

These callers frequently offer a free gift. University policy states that no employees are allowed to receive personal gifts for business deals. Any gifts should be deferred to the development office where proper credit can be given if the gift is legitimate.

If the calls become a nuisance, contact Jim Boleman in the purchasing department, 656-2390.

Coming up: Budget workshop

People who work with budgets — department heads and departmental secretaries, in particular — are encouraged to attend a two-hour workshop conducted by the office of budgets and planning. The session will cover:

- the University budget model
- preparation of annual budgets
- position requests
- formula funding

The workshop will take place in the Student Senate Chambers from 9 a.m. to 11 a.m., Monday, April 1. Call Janice Weaver (656-2423) by March 25 to reserve a place.

Van driver training

University employees who operate vans or oversized vehicles can take advantage of free driver training classes conducted by the office of risk management and safety.

Two identical sessions will be held March 18 and 19 at the Police Department Court Room, 8 a.m. to 4:30 p.m.

Each class will include classroom instruction as well as behind-the-wheel training.

Call Freddie Harbin (656-3365) to register.

Fike Spring Break Hours

| | Fike Recreation Center | Swimming Pool | Indoor/Outdoor Tracks | Indoor Tennis Ctr. |
|-------------|---------------------------------|----------------|-----------------------|--------------------|
| March 15 | 7:30 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-2 p.m. | 8 a.m.-6 p.m. |
| March 16 | CLOSED | CLOSED | CLOSED | CLOSED |
| March 17 | 1 p.m.-4 p.m. | 1 p.m.-4 p.m. | CLOSED | 1 p.m.-4 p.m. |
| March 18-20 | 7:30 a.m.-6 p.m. | 11 a.m.-4 p.m. | 8 a.m.-2 p.m. | 8 a.m.-6 p.m. |
| March 21-24 | CLOSED | CLOSED | CLOSED | CLOSED |
| March 25 | REGULAR SPRING SCHEDULE RESUMES | | | |

4-H Mini-Fair

You can see 4-H in action on March 14-16 at the Mini-Fair at Foothills Mall, Highway 123 in Easley.

This annual event features a variety of 4-H projects, such as computers, animals, a compact tractor contest, and a bicycle rodeo.

The Extension Home and Garden Show will be held Friday and Saturday in conjunction with the fair. Visitors will be treated to demonstrations on microwave cooking, pruning techniques and gardening.

For more information, call Talley West or Howard Hiller, Pickens County Clemson Extension Service (868-2810 or 859-2422).

Dates to remember:

Send events to "Master Calendar," *Clemson Weekly*, Alumni Cent.

Through Friday, March 29

—Exhibit: "Fifth Clemson National Print and Drawing Exhibition." Rudolph E. Lee Gallery, Lee Hall. (Deborah Brooks, 656-3081)

Through Friday, April 5

—Exhibit: "Black Heritage in the Upper Piedmont." Main lobby, Cooper Library. (656-0665)

Through Friday, June 6

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Institute Building. (656-0665)

Friday, March 15

—Last day to withdraw from class or the University without final grades.
—Baseball: Virginia. 3 p.m., Tiger Field. (656-2114)

Saturday, March 16

—Baseball: Virginia. 2 p.m., Tiger Field. (656-2114)
—Track: Clemson Relays. Noon. Track facility is next to football practice fields. (656-2114)

Sunday, March 17

—Baseball: Virginia. 2 p.m., Tiger Field. (656-2114)

Monday, March 18

—Employee Training: "Stress Management." 9 a.m.-4 p.m. Reservations necessary. (656-2727)
—Employee Training: "Operation of Vans and Oversized Vehicles." 8 a.m.-4:30 p.m. Reservations necessary. (Freddie Harbin, 656-3365)

Tuesday, March 19

—Employee Training: "Operation of Vans and Oversized Vehicles." 8 a.m.-4:30 p.m. Reservations necessary. (Freddie Harbin, 656-3365)

Monday, March 18 - Friday, March 22

—Spring Break

Thursday, March 21 & Friday, March 22

—University closed

Monday, March 25

—Film: "Einmal Ku'Damm und Zuruck." An East/West Berlin love story. In German, no subtitles. German Club Spring 1991 Film Series. 4 p.m., 102 Daniel Hall. FREE

Tuesday, March 26

—Baseball: The Citadel. 7 p.m., Tiger Field. (656-2114)
—Lecture: "Inherent dilemmas in psychotherapy with maltreated and unbonded children," by Kinly Sturkie, sociology department. 3:30

p.m., 206 Strode Tower. (656-3238)
—Film: "Einmal Ku'Damm und Zuruck." An East/West Berlin love story. In German, no subtitles. German Club Spring 1991 Film Series. 8 p.m., 102 Daniel Hall. FREE

Wednesday, March 27

—Baseball: The Citadel. 3 p.m., Tiger Field. (545-2114)
—Seminar: "Employment Regulations." Sponsored by International Program Services. 9 a.m.-4 p.m. Reservations necessary. (656-2357)
—Employee Training: "Procurement Procedures Update." 1:30-3:30 p.m. Student Senate Chambers. Reservations necessary. (656-2390)
—Student-Faculty Debate. 7:30 p.m. Daniel Auditorium. FREE. (656-304)
—Southern Circuit Film Series: "James Baldwin: The Price of the Ticket." Sponsored by the College of Liberal Arts, the English department and S.C. Arts Commission. 8 p.m., Theatre. FREE. (656-5415)
—Lecture: "Who Fired Daddy? The Ethics of Professional Discharge" by J.C. Smith, professor of philosophy, Youngstown State University, Ohio p.m., 200 Hardin Hall. (656-2584)
—Lecture: "The Politics of Women's Track and Field: Race, Gender, and the Cold War" by Susan Cahn, history department. 3:30 p.m., 109 Hardin Hall. (Joe Arbena, 656-5354)

"Fee Hunting" symposium available in print

Proceedings of the "Fee Hunting on Private Lands in the South" symposium are available at \$15 each.

The symposium, held at the University in 1989, was the first of its kind designed to explore and improve the management of private lands leased for hunting in the southern United States.

For information contact Rosemarie Rhinehardt in G08 Lehotsky Hall (656-3117).

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Public Affairs.

Director, Constituent Communications Margaret Pridgen
Editor, *Clemson Weekly* Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or fax us at 656-0713.

DEADLINE is FRIDAY, March 15, for March 27 issue.
There will not be a March 20th *Clemson Weekly*



Clemson

WEEKLY

Vol. 30, No. 29

Wednesday, March 27, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Admissions, registration and financial aid move to division of academic affairs

Effective July 1, the admissions, registration and financial aid offices will be transferred from the Division of Student Affairs to the Division of Academic Affairs and Office of the Provost.

In a March 15 memo to the Board of Trustees, President Lennon said the transfer will improve coordination of all academic services offered to students, including recruitment efforts, academic advising and fund raising for academic scholarships. Such coordination "will be vital to the recruitment and retention of top-quality students," Lennon said.

The memo reads, in part:

"Competition for the best students has never been keener. The admissions office has done an excellent job

"Coordination of all academic services will be vital to the recruitment and retention of top quality students.

"Competition for the best students has never been keener."

with their outreach and overall recruitment program. If there is a weak element in our academic recruiting, it is the lack of full involvement in this effort by the individual colleges.

"With admissions as a part of the Division of Academic Affairs, I expect the Provost to aggressively involve faculty in the recruiting process and faculty recruiting efforts to be better coordinated with the admissions staff.

"Transferring the registrar's office to Academic Affairs will also provide for greater coordination of academic

services. The registrar has developed a curriculum audit system to make it easier for students and faculty to check progress towards graduation. The registrar's office will be instrumental in training faculty for use of this system as well as in interpreting continuing enrollment policies.

"With faculty and the registrar's staff reporting ultimately to the same vice president, this team effort can be better coordinated. This coordination will help correct the major deficiencies with the current faculty advising program.

"Our recruiting and retention efforts also depend greatly upon the availability of scholarship funds. If we are to continue the improvement of our overall scholarship program, it is imperative that individual colleges become more involved in our fund-raising efforts.

"It can be expected that such involvement will result in the individual colleges being given more responsibility for awarding scholarships at that

level rather than by the university-wide Scholarships and Awards Committee.

"Each college must have a close working relationship with the department of financial aid to assure that important guidelines and laws governing disbursement of private funds are followed. As in the case of admissions and registration, the teamwork we must have will be enhanced if the office of financial aid reports ultimately to the same vice president as do the individual college deans."

The transfer of these offices does not mean less work for the Division of Student Affairs, Lennon said.

The division will assume responsibility for the continuing education/conference center, scheduled for construction beginning this summer, through the office of conference and guest services, headed by Jeff Martin.

In addition, Student Affairs, through the University Union, will have joint responsibilities with the performing arts department for operation of the new student performance center.

Utsey Chamber Music Series



"Music by Three" performs April 2 in Daniel. See page 2.

Get the facts from the Visitors Center

Clemson University Facts '91 is now available at no charge from the Visitors Center.

This 25-page publication includes information about the University's history, administration, points of interest, revenues and expenditures, private support, alumni association, organized research, ROTC, athletics, academic calendar, admissions, honors program, student fees, enrollment, and courses of study.

A University information kit, designed for prospective faculty and staff, visiting guests and conference attendees, is also available from the Visitors Center. The pocket folder

includes various literature about the University, the town of Clemson, Pickens County and upstate South Carolina.

The information kit can be tailored to the needs of individual departments or organizations. "We have all kinds of information, ranging from brochures about our local public school system to facts about the nesting habits of our area birds," says Janis Moore, the Center's director. There is a \$1 charge per kit.

For more information or to place an order for these two services, contact Moore in 103 Tillman Hall or call the Center at 656-4789.

News briefs ...

'Music by Three'

The Utsey Chamber Music Series will present "Music by Three" Tuesday, April 2, at 8 p.m. in Daniel Hall Auditorium.

Pianist Stephen Prutsman, who captivated a Clemson audience last fall, will be joined by Eric Ruske, former associate principal horn of the Cleveland Orchestra, and Chee-Yun, winner of the 1989 Young Concert Artists International Auditions.

The program is open to the public at no charge.

'April in Clemson'

Some lucky guest at the "April in Clemson" scholarship gala could be spending "April in Paris."

A highlight of this evening of dining, dancing and door prizes will be a drawing for two round-trip tickets to Paris, courtesy of Small World Travel and Delta Airlines.

This Clemson University Women's Club fund-raiser will be Friday, April 12, at the Holiday Inn.

Tickets are \$25 each and are available at Lynch Drug Co.

Wellness Challenge

It's time to find out if you've met the Wellness Challenge?

Post tests will be given March 25-29 and April 2-5. Call Ron Alexander at the Wellness Center (656-3076) for an appointment.

Kindergarten Roundup

Children entering kindergarten need a certificate of immunization for registration. The Nursing Center's Kindergarten Roundup provides this along with a record of height and weight and a check of hemoglobin, hearing and vision — all for a \$10 fee.

The Nursing Center is open 8 a.m.-noon and 1-4 p.m. Monday-Friday. Call Sara O'Neal at 656-3076 for an appointment.

Milt Wise elected president of Southern agricultural association

Milton B. Wise, vice president and vice provost for Agriculture and Natural Resources, was elected president of the Southern Association

of Agricultural Scientists at the group's annual meeting in Fort Worth, Texas.

Wise replaces Durward Bateman, dean of N.C. State University's College of Agriculture and Life Sciences, as this year's SAAS president. In this role, Wise will provide leadership and support for agriculture on an industry-wide basis in the 13-state Southern region.

SAAS promotes Southern agricultural interests by bringing agricultural leaders in education and industry together to exchange knowledge. The association also offers scientists an opportunity to present papers resulting from research, extension or other efforts.



Milt
Wise

Ag sales accepts Tiger Stripe card

The next time you need an afternoon ice cream break or a gallon of milk to take home to the family, step up to the counter and flash your plastic — your Tiger Stripe Account card, that is.

Tom Reynolds, director of the Agriculture Products Sales Center, says, "Installing the card reader is one of the many things we're trying to do to make the sales center more attrac-

tive and convenient for our customers."

The move has been well-received — seven customers used the service within the first half-hour after the Tiger Stripe sign was placed in the window.

The sales center is open to the public 9 a.m.-5:30 p.m. Monday-Saturday and 2-5:30 p.m. on Sunday. During April, a 9 p.m. closing Monday-Saturday will be tested.

Departmental notes

Administrative Programming Services

E.N. Neil participated in the strategic planning meeting for the College and University Computer Users Conference at IBM Palisades in Palisades, N.Y., in Oct. Neil is a member of the board of directors and the finance committee of CUMREC.

Agricultural and Biological Engineering

R.E. Young (Prof) and S.A. Hale (Vstg Instr) presented "Alternative Plant Tissue Culture Systems. Biomedical Engineering: Opening New Doors" at the annual Biomedical Engineering Conference in Blacksburg, Va., in Oct.

D.E. Brune (Prof) received the 1990 ASAE Outstanding Young Researcher Award at the International ASAE Winter Meeting in Chicago in Dec.

C.L. Weller (Prof) and L.K. Johnson (Grad Stu) presented "Water Activity Prediction" at the American Association of Cereal Chemists in Dallas in Oct.

C.V. Privette (Prof) was awarded The Distinguished Service Award at the National Association of County Agricultural Extension Agents in Seattle in Sept.

J.C. Hayes (Prof) presented "Acquiring Particle Concentration and Size Distribution on a Real-Time Basis," co-authored with T.N. Burcham (Asst Prof, Univ of Tenn), at the Fifth Federal Interagency Sedimentation Conference in Las Vegas in March.

The following papers were presented by C.F. Privette (Prof) at the Third National Irrigation Symposium in Phoenix in Oct.:

- "Irrigation Pump Efficiencies Audit," co-authored with A. Reyes (Water Resources Comm, Columbia, S.C.) and A.E. Jones (SCE&G).

- "Furrow Diking — Irrigation Energy Conservation in the Southeastern United States," co-authored with J.C. Hayes (Assoc Prof) and K.F. Holbrook (S.C. Land Resources Comm).

J.C. Hayes (Prof) presented:

- "Design of Riparian Vegetative Filter Strips for Controlling Storm Runoff Water Quality in Urban Areas" as an invited speaker at the Urban Stormwater and Non-Point Source Pollution Symposium at the University of Kentucky in July.

- "Are We Losing It All (Erosion and Sediment Control)" at the Engineering and Management 1991 conference sponsored

by the S.C. Council of Engineering Societies, Swearingen Center, University of South Carolina, in July.

The following papers were presented at a symposium on Proceedings of Application of GIS, Simulation Models, and Knowledge-Based Systems for Landuse Management in Blacksburg, Va. in Oct.:

- "Development of a GIS for Landuse Management on an Agricultural Experiment Station" by J.C. Hayes (Assoc Prof), A. Khalilian (Assoc Prof), and G. Bathke (Asst Prof, Agronomy & Soils).

- "Design of Vegetative Filter Strips for Removal of Sediment and Nutrients from Runoff" by T.A. Dillaha (Assoc Prof, VPI&SU) and J.C. Hayes (Assoc Prof).

C.E. Hood (Prof) presented "New Technologies to Prevent Pollution" at the Club of Bologna Second Meeting, Bologna Italy. The trip was sponsored by The Italian National Association of Agricultural Machinery Manufacturers.

Agronomy and Soils

V.L. Quisenberry (Prof) presented "Distribution and Continuity of Macropores in Two Structured Soils," co-authored by S. Nortcliff (Fmr Vstg Prof, Reading Univ U.K.) and R.E. Phillips (Univ of Kentucky), at the 82nd annual meeting of the American Society of Agronomists in San Antonio in Oct.

Chemical Engineering

D.D. Edie (Prof) presented the following papers at the 1990 annual meeting of the American Institute of Chemical Engineers in Chicago in Nov.:

- "Reaction Engineering in the Stabilization of Polyacrylonitrile Carbon Fiber Precursors," co-authored with M.G. Dunham (Fmr Grad Asst) and C.H. Barron (Dept Hd, Prof).

- "Characterization of Interfacial Bond Strength by Dynamic Analysis," co-authored by Edie and R.J. Cano (Fmr Grad Asst).

Edie (Prof) presented the following seminars:

- "Enhancement of Thermal Conductivity in Pitch-Based Carbon Fibers," to the School of Textile and Fiber Engineering at Georgia Institute of Technology in Atlanta in Oct.

- "Processing and Characterization of Melt Spun Pitch-Based Carbon Fibres" to the Department of Materials Science and

Engineering at the University of Tennessee at Knoxville in Oct.

R.W. Rice (Assoc Prof) presented "Preparation of Supported Composite Bimetallic Catalysts and Their Use in Studying Surface Metal Interactions" at the annual meeting of the American Institute of Chemical Engineers in Chicago in Nov.

S.F. Wang (Grad Asst) and A. A. Ogale (Asst Prof) presented "3-D Computer Simulation of the Electrical Conductivity of Particulate/Fiber Composites" at the American Institute of Chemical Engineers annual meeting in Chicago in Nov.

At the annual meeting of AIChE in Chicago in Nov., S.S. Melsheimer:

- Served as program coordinator for the undergraduate student program.

- Presented "A Self-Tuning/Time-Optimal Process Controller," co-authored with J.N. Beard (Prof) and L-E. Kuo (Fmr Grad Asst).

Chemistry

K. Dill (Assoc Prof), E.L. McGown (Chief, Chem Branch, Letterman Army Inst of Research, San Francisco), R.J. O'Connor (Scientist, LAIR), and S.F. Hollowell (Aberdeen Proving Ground) presented "Relative Binding Constants of Disulphydryl-Organic Arsenical Adducts as Determined by NMR Spectroscopy" at the Pacific Conference on Chemistry and Spectroscopy in San Francisco in Oct.

Computer Science

J.C. Peck (Prof) presented "Near-Term Distributed Simulation of Apparel Manufacturing" co-authored with R.P. Pargas (Assoc Prof), P.K. Khambekar (Grad Asst), and S.K. Dharmaraj (Grad Asst) at the Winter Simulation Conference in New Orleans in Dec.

Construction Science and Management

F. Eubanks (Assoc Prof):

- Taught the continuing education course "Estimating" for the National Association of Home Builders in Nov.

- Co-developed and taught a training program on new OSHA excavation standards for the Carolinas Branch of Associated General Contractors of America in Nov.

- Was re-elected secretary/treasurer of the South Carolina Piedmont Chapter of the American Institute of Constructors.

Departmental notes

• Presented "Construction Financial Management — Just the Facts" at the annual southeastern regional meeting of the Associated Schools of Construction in Orlando, Fla., in Oct.

Entomology

H.W. Fescemyer (Asst Prof) presented the following:

• "What is the Physiological Basis for Migration Behavior of the Velvetbean Caterpillar Moth, *Anticarsia gemmatilis* (Lepidoptera: Noctuidae)?" to the University of Georgia, College of Agriculture's Coastal Plain Experiment Station, Tifton, Ga., in Sept.

• "Physiological Ecology of a Migrant Moth, the Velvetbean Caterpillar" to the Clemson University Ecology Seminar Series in Oct.

• "How Do Larvae of the Velvetbean Caterpillar, *Anticarsia gemmatilis* Hubner (Lepidoptera: Noctuidae) Detect Their Population Density?" at the South Carolina Entomological Society meeting in Nov.

• "Regulation of Ecdysteroid Production by the Prothoracic Glands of *Helicoverpa zea* and *Heliothis virescens* Larvae" at the Entomological Society of America National Conference in Dec.

Fescemyer published:

• "Male European Corn Borer, *Ostrinia nubilalis*, Antennal Responses to Sex Pheromone: Structure-electro-antennogram Activity Relationships" with F.E. Hanson (Univ Maryland-Baltimore) in the *Journal of Chemical Ecology*.

• "Hormonal Control of Vitellogenesis in the Gypsy Moth, *Lymantria dispar* (L.): Suppression of Haemolymph Vitellogenin by the Juvenile Hormone Analogue, Methoprene," co-authored with R.E. Davis, T.J. Kelly, E.P. Masler, B.S. Thyagaraja, and A.B. Borkovec (USDA, ARS, Insect Neurobiology and Hormone Lab, Beltsville, Md.), in the *Journal of Insect Physiology*.

• "Vitellogenesis in the Gypsy Moth, *Lymantria Dispar* (L.): Characterization of Hemolymph Vitellogenin, Ovarian Weight, Folicle Growth and Vitellin Content," co-authored with Davis, Kelly, Masler, Thyagaraja, V. Parisivan, Bell, and Borkovec, in the *International Journal of Invertebrate Reproduction and Development*.

• "Digestive Enzymes of the Velvetbean Caterpillar (Lepidoptera: Noctuidae)," co-authored with L.-H. Teo (National Univ Singapore), A.H. Hammond (LSU) and J.P. Woodring (LSU), in the *Annals of the Entomological Society of America*.

• "Study on Some Aspects of Glycosidases Present in the Velvetbean Caterpillar, *Anticarsia Gemmatilis*," co-authored with Teo, Hammond and Woodring, in *Comparative Biochemistry and Physiology B*.

• "Developmental Profiles for the Regulation of Ecdysteroid Production by the Prothoracic Glands of Female Gypsy Moth, *Lymantria dispar*, pupae," co-authored with Masler and Kelly, in the book *Insect Neurochemistry and Neurophysiology*.

• "Regulation of Vitellogenesis in Gypsy Moth, *Lymantria dispar* (L.), Fifth-instar Larvae," co-authored with Davis, Kelly, Masler, Bell, and Borkovec, in the book *Insect Neurochemistry and Neurophysiology*.

Forest Resources

P. Kapeluck (Ag Sci Assoc II) and D.H. Van Lear (Prof) presented a poster paper, "Fine Root Biomass and Nutrient Content of Loblolly Pine Communities as Related to Prescribed Burning," at the Soil Science Society of America in San Antonio.

M. McCollum (Grad Asst) and D.H. Van Lear (Prof) presented a poster paper, "Root Density and Distribution Within Loblolly Pine Plantations Along an Environmental Gradient," at the Soil Science society of America in San Antonio.

A.P.C. Marsinko (Assoc Prof) and M. Uysal (Assoc Prof) presented "An Application of Markov Chain Models in Tourism Marketing Research" at the 1990 Symposium on Leisure Research in Phoenix in Oct.

Marsinko (Assoc Prof), Uysal (Assoc Prof), and R.T. Barrett (Francis Marion College) presented "Tourism Marketing Using Markov Analysis" at the 30th Joint National Meeting of Operations Research Society of America and the Institute of Management Sciences in Philadelphia in Oct.

C. Hedman (Grad Asst) and Van Lear (Prof) presented a poster paper, "Contribution of Large Woody Debris by Southern Appalachian Riparian Zones," at the conference on New Perspectives for Watershed Management in Seattle in Nov.

The following papers were presented at the 6th Biennial Southern Silvicultural Research Conference in Memphis, Tenn., in Oct:

• "Spatial Distribution of Soil Nutrients in Coastal Plain Loblolly Pine Plantations" by C.A. Gresham (Assoc Prof).

• "Long-term Effects of Thinning on Stem Taper of Old Field, Plantation Loblolly Pine in the Piedmont" by L.E. Nix (Assoc Prof) and T. Ruckelshaus (Grad Asst).

• "Over Fifty Years of Loblolly Pine Growth on the Clemson Experimental Forest" by A.T. Shearin (Lect) and Nix.

• "Voluntary Best Management Practices in South Carolina" by W.H. McKee (SE For Exp Sta), D.D. Hook (Prof), T. Williams (Prof), B. Baker (Fish & Wildlife Serv), J. Mills (SC For Com), L. Lundquist (SC Nature Conserv), B. Martin (Martin For Co), and M. Buford (SE For Exp Sta).

• "Effects of Organic Growth-Enhancement Compounds on Loblolly Pine Nursery Seedlings and Their Outplanting Performance" by A.E. Miller (Asst Prof), Ruckelshaus and Nix.

• "Correlation of Pine Growth Decline and Southern Pine Beetle Populations in the Southern Piedmont" by R.L. Hedden (Prof).

History

R.M. Golden (Prof) reviewed T.J. Saxby, *The Quest for the New Jerusalem: Jean de Labadie and the Labadists, 1610-1744*, in the *American Historical Review*.

Horticulture (Agricultural Sciences)

The following presentations were made at the annual meeting of the American Society for Horticultural Science in Tucson in Nov:

• "Influence of Modified Light Quality on *Dendranthema grandiflora* (Tzvelev) Growth" by N.C. Rajapakse (Res Assoc/Asst Prof) and J.W. Kelly (Assoc Prof).

• "Effect of Copper Sulphate Filters on Growth of Bedding Plants" by J.L. Benson (Grad Asst) and Kelly.

• "Effects of Spectral Filters on Growth of *Dendranthema grandiflora* (Tzvelev)" by M.J. McMahon (Grad Asst) and Kelly.

• "Control of Poinsettia Growth and Pigmentation by Manipulating Light Quality" by McMahon and Kelly.

• "Influence of Production Nitrogen Level and Benzyladenine on Postharvest Characteristics of *Rosa x hybrida* 'Meijikatar'" by D.G. Clark (Fmr Grad Asst) and Kelly.

• "The Effects of Carbon Dioxide Enrichment on Production and Postharvest Characteristics of Potted Roses (*Rosa x*

hybrida 'Meijikatar')" by Clark and Kelly.

- "DNA Fingerprinting of Rose Cultivars by Restriction Fragmentation Length Polymorphisms" by S. Rajapakse (Res Assoc/Asst Prof), M.A. Hubbard (Grad Asst), A.G. Abbott (Assoc Prof, Biological Sc), Kelly, and R.E. Ballard, Jr. (Asst Prof, Biological Sc).

- "Preliminary Results of Phylogenetic Studies Within the Genus *Rosa* (Rosaceae)" by Hubbard, Kelly, S. Rajapakse, Ballard, Abbott.

- "Analysis of Potential and Stability Across Environments of Nine Apple Rootstocks in Their Influence on Growth and Yield" by W.C. Olien (Assoc Prof), D.C. Ferree and B.L. Bishop (OARDC, Wooster, Ohio).

- "Generating Tetraploid Melons From Tissue Culture" by B.B. Rhodes (Prof), J.W. Adelberg (Res Assoc/Asst Prof) and H. Skorupska (Assoc Prof, Agronomy & Soils).

- "Computer-Aided Design and Video-Disc Technology in Landscape Design Classes" by M.T. Haque (Prof), R.A. Baumgardner (Prof) and D.M. Price (Res Spec II).

Management

J.K. Butler (Prof) presented the following papers at the national meeting of the Association for Business Simulation and Experimental Learning:

- "Two Models for Helping Students Understand the Informal Organization."

- "Conditions and Outcomes of Trust in a Two-Person Bargaining Exercise."

Butler published "Toward Understanding and Measuring Conditions of Trust: Evolution of a Conditions of Trust Inventory" in the *Journal of Management*.

Butler and M. Crino (Prof) published "Effects of Initial Tendency and Real Risk on Choice Shift" in *Organizational Behavior and Human Decision Processes*.

R.L. Clarke (Asst Prof) published:

- "Can U.S. Transportation Industries Meet the Global Challenge?" in *International Journal of Physical Distribution and Logistics Management*.

- "Measuring the Efficiency of the Logistics Process" in *Journal of Business Logistics*.

- "The Panama Canal Giveaway: A Strategic Mistake" in *Defense Transportation Journal*.

Crino presented "Group Decision Making in the Negative Domain" at the annual meeting of the Southern Management Association in Orlando, Fla.

"Employee Sabotage" by Crino was

reprinted in *Business Ethics*.

J.S. Davis (Assoc Prof) published:

- "TIGER: A Rule-Based System for Educational Use" in *Computers in Education Journal*.

- "Hypermedia Application: The Whole Earth Decision Support System" in *Information and Software Technology*.

- "Experimental Investigation of the Utility of Data Structure and E-R Diagrams in Database Query" in *International Journal of Man-Machine Studies*.

- "Ethical Problems in Competitive Bidding: The Paradyne Case" in *Business and Professional Ethics Journal*.

- "Effect of Modularity on Maintainability of Rulebased Systems" in *International Journal of Man-Machine Studies*.

- "Integrating Student Learning and Faculty Research Through the Use of Student Subjects" in *Journal of Research on Computing in Education*.

E.H. Hall, Jr. (Asst Prof) published:

- "Related Diversification Strategy and Performance of Highly Diversified Firms" in *Journal of Business Strategies*.

- "A Human Resource Management Application of Decision-Making Style: The Selection of Production/Operations Managers" in *International Journal of Management*.

Hall presented the following papers at the annual meeting of the Southern Management Association in Orlando, Fla.:

- "Organizational Culture: A Methodological Typology."

- "Organizational Learning in Frequently Merging Companies: A Measurement Problem."

- "An Empirical Study of Industrial Philanthropy."

Hall and C.H. St. John (Asst Prof) presented "Rumelt's Typology: Further Evidence of Convergent Validity" at the annual meeting of the Decision Sciences Institute in San Diego.

J.S. Harrison (Asst Prof) published:

- "Synergies and Post Acquisition Performance: Differences Versus Similarities in Resource Allocations" in *Journal of Management*.

- "Strategic Alternatives to Merger" in *Strategic Planning Management*.

- "Stock Market Evaluation of M-Form Implementation and Diversification Strategy" in *Strategic Management Journal*.

W.H. Hendrix (Prof) published:

- "Confounding Effects of the Turnover Base Rate on Relations Between Time Lag and Turnover Study Outcomes: An Extension of Meta-Analysis Findings and Conclusions" in *Journal of Organizational Behavior*.

- "Physiological Effects of Stress in the Workplace" in *Applying Psychology in Business: The Handbook for Managerial and Human Resource Professionals* by J.W. Jones, B.D. Steffy, and D.W. Bray, Lexington Books.

Hendrix, T.L. Leap (Prof) and T.P. Summers (Assoc Prof):

- Presented "Development of a Stress-Related Health Promotion Model: Antecedents and Organizational Effectiveness Outcomes" at the annual meeting of the American Psychological Society in Dallas.

- Published "Development of a Stress-Related Health Promotion Model: Antecedents and Organizational Effectiveness Outcome" in *Journal of Social Behavior and Personality*.

Leap, Hendrix, and R.S. Cantrell (Assoc Prof) published "Discrimination Against Pro-union Job Applicants" in *Industrial Relations*.

Leap published *Collective Bargaining and Labor Relations*, Macmillan Publishing Co., New York, 760 pp.

C.L. Karnes (Grad Asst) and J.W. Patterson (Assoc Prof) presented "Inventory Turnover and Material Requirements Planning: A Preliminary Study" at the annual meeting of the Decision Sciences Institute in San Diego.

J.J. Kanet (Prof) and V. Sridharan (Assoc Prof) presented the following papers at the 26th annual meeting of the Southeastern Chapter of the Institute of Management Sciences in Myrtle Beach:

- "Intelligent Search in Production Scheduling."

- "On the Value of Scheduling Information in Order Release Planning."

Kanet and Sridharan published "The Electronic Leitstand: A New Tool for Shop Scheduling" in *Manufacturing Review*.

Kanet presented a seminar, "Production Scheduling for Quick Response: The New Way of Life for the U.S. Apparel Industry," at the Clemson Apparel Research Laboratory.

Kanet and Sridharan were panelists for "Order Review-Release: A Mirage?" at the 21st Annual Decision Sciences Institute meeting in San Diego.

Kanet published "The Leitstand — A New Tool for Computer Integrated Manufacturing" in *Production and Inventory Management*.

R.L. LaForge (Prof) was named:

- Chairperson of the Innovative Education Committee of the Decision Sciences Institute for 1990-91.

- Member of the editorial review board of *Production and Inventory Management Journal*.

Departmental notes

• Member of the editorial review board of the *Journal of Operations Management*.

M.A. McKnew (Prof) published:

• "An Improved Heuristic for Multi-Level Lot-Sizing in Material Requirements Planning" in *Decision Sciences*.
• "The Technique for Order Placement and Sizing" in *Journal of Purchasing and Materials Management*.

• "An Efficient Zero-One Formulation of the Multi-Level Lot-Sizing Problem" in *Decision Sciences*.

J.L. Miller (Asst Prof) presented "Determining Feasible Solutions to Large Scale Multiperiod Staff Assignment Problems" at the annual meeting of the Decision Sciences Institute in San Diego.

T.L. Robbins (Asst Prof) presented the following papers at the annual meeting of the Southern Management Association in Orlando:

• "Leadership and Organizational Structure: An Assessment of Past Research and Directions for the Future."

• "Inequitable Effort: Justification for Loafing on Unique, Challenging, and Personally Involving Tasks."

C.H. St. John (Asst Prof):

• Published "The Strategic Consistency Between Purchasing and Production" in *Journal of Purchasing and Materials Management*.

• Presented "Agreement Within the Operations Infrastructure: An Exploratory Study" at the Academy of Management annual meeting in San Francisco.

St. John and K. Heriot (Grad Stud) completed a \$60,000 Small Business Administration Research Grant project, "Subcontracting: A Case Study."

Cases by St. John, "Lands' End, Inc." and "Toys 'R' Us, 1989," will be published in *Strategic Management*, a text by Michael Stahl and David Grigsby (Prof), published by PWS-Kent.

H. Soroush (Asst Prof) published "The Stochastic Multicommodity Flow Problem" in *Networks*.

V. Sridharan (Assoc Prof) and **R.L. LaForge** (Prof) published:

• "An Analysis of Alternative Policies to Achieve Schedule Stability" in *Journal of Manufacturing and Operations Management*.

• "On Using Safety Stock to Combat Schedule Instability" in *International Journal of Operations and Production Management*.

• "The Impact of Safety Stock on Schedule Instability, Cost, and Service" in *Journal of Operations Management*.

Sridharan published:

• "Freezing the Master Production Schedule Under Demand Uncertainty" in *Decision Sciences*.

• "Master Production Scheduling Make-To-Stock Products: A Framework for Analysis" in *International Journal of Production Research*.

• "Techniques for Improving Production Schedule Stability," a chapter in *Control and Dynamic Systems*, edited by C.T. Leondes.

Sridharan:

• Taught a research seminar and conducted research on "Order Acceptance Procedures for Process Industries" at the invitation of the Graduate School of Industrial Engineering and Management Science at Eindhoven University of Technology, Netherlands.

• Organized and chaired an expert panel symposium, "Order Review/Release: A Mirage?" at the 21st annual meeting of the Decision Sciences Institute in San Diego.

• Presented "Manufacturing Planning and Control: What Are We Using? And How Are We Doing?" at the 21st annual meeting of the Decision Science Institute in San Diego.

• Was named to the editorial review board of the *Journal of Operations and Management*.

T.P. Summers (Assoc Prof) and **W.H. Hendrix** (Prof) published "Modeling the Role of Pay Equity Perceptions: A Field Study" in *Journal of Occupational Psychology*.

Summers published:

• "The Effects of Offers to Relocate on Attitudes of Departed Employees Following a Merger" in *Journal of Social Behavior and Personality*.

• "In Search of Adams' Other: Re-examination of Referents Used in the Evaluation of Pay" in *Human Relations*.

Summers and Hendrix presented "A Field Study of the Role of Pay Equity Perceptions" at the annual meeting of the Southwest Academy of Management in Dallas.

Marketing

M.C. LaForge (Assoc Prof) presented "Elderly Reactions to Unsatisfactory Complaint Resolutions: An Attributional Approach with Implications for Defensive Marketing," co-authored with **R.S. Cantrell** (Assoc Prof), at the 1990 annual meeting of the Decision Sciences Institute in San Diego.

Mathematical Sciences

M.M. Kostreva (Prof) published:

"Approximate Mean Value Analysis Algorithms for Queueing Networks: New Formulations and Convergence Results," co-authored with **K.R. Pattipati** (Univ of Conn) and **J.L. Teele** (Kurzweil Music Corp) in *Journal of the Association for Computing Machinery*.

• "Strategic Analysis for a Technological Service Industry: A Differential Game Model" in *Journal of the Operational Research Society*.

Kostreva presented the following invited papers at Optimization Days 1990 in Montreal:

• "Linear Complementarity Problems and Multiple Objective Programming" co-authored with **M. Wiecek** (Asst Prof).

• "More with Murty's Bard-Type Algorithm" co-authored with **K. Dunlap** (Grad Stud).

Kostreva served on the evaluation committee for the 1990 Gordon Research Conference on Tribology in Holderness, N.H., in June.

Kostreva presented "Path-Following Techniques for Non-Linear Multiple-Criteria Decision Problems" at the 9th International Conference on Multiple Criteria Decision Making in Fairfax, Va.

Mechanical Engineering

D.A. Zumbrunnen (Prof) presented "Convective Heat and Mass Transfer in the Stagnation Region of a Planar Jet Impinging on a Moving Surface" at the AIAA/ASME Thermophysics and Heat Transfer Conference in Seattle in June.

At the 1990 ASME Winter Annual Meeting in Dallas, **I. Haque** (Assoc Prof):

• Co-organized a symposium on "Computer Modeling and Simulation of Manufacturing Process" and was editor of symposium proceedings.

• Received certificates of appreciation from the ASME Materials Division and ASME Production Engineering Division.

• Served as chairman for session on Numerical Methods and Modeling of Manufacturing processes.

At the 1990 ASME Winter Annual Meeting in Dallas, **C.E.G. Przirembel** (Dept Hd, Prof):

• Chaired the meeting of the Board on Engineering Education, attended the meeting of the Council of Education, and participated in the Congress of Councils.

• Presided over the Board of Engineer-

ing Education and Council on Education Awards Reception.

- Served as vice chairman for the Council on Education session, "The Pipeline for Future Engineering Students and Faculty."

J.G. Goree (Centennial Prof):

- Attended the International Conference on Composite Materials in Moscow, USSR, as a guest of the Soviet Academy of Sciences.

- Presented a seminar on Fractured Mechanics to the Mechanics of Composites Laboratory of the Mechanical Engineering Research Institute.

Parks, Recreation and Tourism Management

B. Martin (Grad Asst) and **M. Uysal** (Assoc Prof) published "An Examination of the Relationship Between Carrying Capacity and the Tourism Lifecycle: Management and Policy Implications" in *Journal of Environmental Management*.

B. Hill (Grad Asst), **C.D. McDonald** (Assoc Prof) and **Uysal** published "Resort Motivators for Different Life Cycle Stages" in *Visions in Leisure and Business*.

Philosophy and Religion

S. Silvers (Prof) presented "A Stitchwork Quilt: Or How I Learned to Stop Worrying and Love Cognitive Relativism" as an invited speaker in the colloquium series sponsored by the department of philosophy of the University of South Carolina in Nov.

Plant Pathology and Physiology

B.A. Fortnum (Prof), **D.T. Gooden** (Prof, Agronomy & Soils), **R.E. Currin III** (Prof, Agronomy & Soils), and **S.B. Martin** (Asst Prof) published "Spring or Fall Fumigation for Control of Meloidogyne spp. on Tobacco" in a *Supplement to Journal of Nematology*.

C.G. Eayre (Fmr Grad Asst), **B.A. Jaffee** (Fmr Res Assoc), and **E.I. Zehr** (Prof) published "Influence of Potassium on Spore Germination in the Nematophagous Fungus, *Hirsutella rhossiliensis*" in the *Journal of Nematology*.

O.W. Barnett (Prof), **S.W. Scott** (Prof), **S.W. Westcott III** (Vstg Asst Prof), and **W.Q. Yuan** published "Tests for Transmission of Prunus Necrotic Ringspot and Two Nepoviruses by Criconemella xenoplax" in the *Journal of Nematology*.

Sociology

J.M. Coggeshall (Asst Prof) published "Carbon-Copy Towns?: The Regionalization of Ethnic Folklife in Southern Illinois' Egypt," in *Sense of Place: American Regional Cultures*, edited by B. Allen and T.J. Schlereth.

R.F. Larson (Dept Hd, Prof) co-authored, with P.H. Horton (Western Michigan) and G.R. Leslie (Florida), *The Sociology of Social Problems* (10th edition) for Prentice-Hall.

J.P. Smith (Asst Prof) presented:

- "Homeless Males in Southeast Urban Centers: The Rural Belt Drift Thesis," co-authored by M.F. White (Assoc Prof), at

the Southern Sociological Society in Louisville, Ky.

- "Types of Homeless Males in Southeast Urban Centers," co-authored by R.A. Spray (Prof), at the Fifth Annual Symposium at the University of Minnesota.

- "Cultural Presentation of the Sea Island Gullah in Coastal South Carolina" at the Midwest Sociological Society in Chicago.

- "From Abusive Household to Dating Violence," co-authored by C. Sierverdes, at the Southern Sociological Society in Louisville, Ky.

- At the Rural Sociological Society Meeting in Norfolk, Va., in August, Smith:

- Presented "Origins and Homelessness," co-authored by White.

- Chaired a session on "Rural Homelessness: New Films on the Topic."

K. Sturkie (Assoc Prof) and **B.J. Vander Mey** (Assoc Prof) presented "Comparing Boy and Girl Sexual Abuse Victims: Before and After the Child Abuse Reporting Revolution" and served as faculty members for the Third Annual National Conference on the Male Survivor in Tucson, Ariz., in Nov.

Visual Arts and History

At the Southeastern College Art Conference in Atlanta in Oct., **L.K. Varkonka** (Vstg Asst Prof):

- Chaired the "Engendered Species" session.

- Presented "Lavinia ter Linc: Tudor Limner and Gentlewoman to the Queen."

Have you met EDDIE?

You've probably had contact with LUIS, and you may be acquainted with DORIS. But have you met EDDIE?

LUIS debuted in 1985 to replace the card catalog system. DORIS came along in 1987 to access bibliographic indexes. Both have been very successful innovations. EDDIE — E-mail Document Delivery & Information Exchange — was introduced last year, but it seems many people aren't familiar with what it can do.

EDDIE was developed to provide information to users outside the libraries' facilities.

Library patrons can request library services through the TSO/ISPF mail system on the NAS mainframe computer. E-mail messages can be sent directly to the library to request the following services:

• Check out a book

Request a book, and it will be retrieved, charged and delivered to your departmental office by the next working day. (Please check with LUIS first to verify that the libraries own the book you are requesting.)

• Request a photocopy

A photocopy, or microfilm copy, of an article will be delivered within two working days.

• Recommend a book or serial purchase

• Request Interlibrary loans

The loan of books or journal articles, not owned by the libraries, can be arranged.

• Ask for reference assistance

• Make suggestions regarding library services

If you haven't met EDDIE, contact the document delivery office at 656-3214 for more information.

Dates to remember:

Send events to "Master Calendar," Clemson Weekly, Alumni Center

Through Friday, April 5

—Exhibit: "Black Heritage in the Upper Piedmont." Main lobby, Cooper Library. (656-0665)

Through Tuesday, April 30

—Exhibit: Candidates for Master of Fine Arts and Master of Architecture and other selected students projects. Rudolph E. Lee Gallery, Lee Hall. (Deborah Brooks, 656-3081)

Friday, March 29

—Employee Training: "Positive Assertive Skills." 9 a.m.-4 p.m. Reservations necessary. (656-2727)
—Baseball: Columbus College. 7 p.m., Tiger Field. (656-2114)

Saturday, March 30

—Easter Egg Hunt. 1-3 p.m., Botanical Garden. Sponsored by the Botanical Garden, Clemson Area Chamber of Commerce, Track and Trail Club, and the City of Clemson Recreation Department. (656-0203)
—Baseball: Columbus College. 2 p.m., Tiger Field.
—Concert: Florida Mass Choir featuring contemporary gospel. Sponsored by the Gospel Choir and the Student Chapter of the NAACP. 6 p.m., Tillman Auditorium. \$12. (University Union, 656-2461)

Tuesday, April 2

—First Tuesday Briefing: "Personnel in the '90s: Issues of Classification, Compensation and Evaluation" by Paul Michaud, new associate vice president for personnel management and development. Noon, Alumni Center. Bring your own lunch. (656-2345)
—Concert: "Music by Three," a trio of piano, horn, and violin. Part of Utsey Chamber Music Series 8 p.m., Daniel Hall Auditorium, FREE. (Performing Arts, 656-3043)
—Baseball: Furman. 7 p.m., Tiger Field. (656-2114)

Wednesday, April 3

—Baseball: Western Carolina. 7 p.m., Tiger Field. (656-2114)

Thursday, April 4

—Scholarships and Awards Day: College of Forest & Recreation Resources, department of parks, recreation and tourism management, 6:30 p.m., Kresge Hall.
—Lecture: "Evolution of the Vertebrate Kidney" by E.E. Ruppert, department of biological sciences. 4 p.m., G33 Jordan Hall. (656-2328)
—Baseball: South Carolina. 7 p.m., Tiger Field. (656-2114)

Thursday, April 4 & Friday, April 5

—Concert: "CU After Six Singers." 8 p.m., Tillman Auditorium, \$2 at the door. (Performing Arts, 656-3043)
—Employee Training: "Training the Trainer." Two-day class, 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)

Friday, April 5

—Groundbreaking Ceremony: Performing Arts Center. 1:30 p.m., site adjacent to the Strom Thurmond Institute. (656-3043)
—Clemson Medallion Dinner. Reception at 6 p.m., dinner at 7 p.m. Littlejohn Coliseum. Ticket (\$30) required. (656-2345)
—Board of Trustees meeting. 2:30 p.m., Holmes Ballroom, Clemson House. (656-3415)
—Baseball: North Carolina. 7 p.m., Tiger Field. (656-2114)

Saturday, April 6

—Cycling: Spring Jubilee Road Race, an official event of the Southeastern Cycling Conference. Sponsored by the Clemson Cycling Club. 10 a.m. Start and finish at Pendleton Jr. High School. (Gayland Witherspoon, faculty advisor, 656-3904)
—Baseball: North Carolina. 3 p.m., Tiger Field. (656-2114)
—Track: Auburn. Noon. Outdoor track. (656-2114)
—Football: Spring Football Game. 1 p.m., Death Valley. (656-2114)
—Concert: ARS, formerly Atlanta Rhythm Section. Sponsored by CDCC 4 p.m. Outdoor Theatre (Edgar's if it rains). FREE. (656-2461)

Sunday, April 7

—Cycling: Criterium race, an official event of the Southeastern Cycling Conference. Sponsored by the Clemson Cycling Club. 8 a.m.-noon. Streets surrounding Littlejohn Coliseum. (Gayland Witherspoon, faculty advisor, 656-3904)
—Baseball: North Carolina. 2 p.m., Tiger Field. (656-2114)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor, *Clemson Weekly* Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or fax us at 656-0713.

DEADLINE is FRIDAY, April 5, for April 17 issue.



Clemson

WEEKLY

Vol. 30, No. 30

Wednesday, April 3, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson University celebrating 'International Awareness Week'

The week of April 1-7 has been officially designated as "International Awareness Week," and Clemson will be celebrating.

Harcombe and Schilletter dining halls will feature meals with an international flavor all week.

Food, fashions, films and lots of fun are planned for the International Festival, Sunday, April 7, 1-6 p.m.

These activities, scattered throughout the University Union complex, will focus on the cultures and people of Asia, Europe, Africa, South and Central America, and North America.

Festival sponsors say there will be something for everyone, including children. Admission to the festival will be free of charge.

A proclamation, signed by University President Max Lennon, draws attention to the need for a sensitivity to and understanding and acceptance of people from nations worldwide. The first week of April in future years will also be used to promote the importance of international understanding and cooperation.

For more information contact the Office of International Programs and Services (656-2457).

Researcher to give Edwards lectures

The president of Research Triangle Institute, F. Thomas Wooten, comes to Clemson on April 8 and 9 to present the R.C. Edwards Lectures in Science and Technology. This series is supported by the Robert Cook Edwards Endowment for Excellence in Science and Technology and coordinated through Calhoun College.



Wooten

"Vision and Reality: Three Events from 1959 in Retrospect" will be Wooten's topic for the main lecture on Monday, April 8, at 8 p.m., in Lyles Auditorium of Lee Hall.

In 1959 three seemingly unrelated events occurred: NASA was formed; the integrated circuit was invented;

and the Research Triangle Park was created. Wooten will examine why each event was important at the time and how they relate to today's events.

Wooten has been with the Research Triangle Institute since 1966 and has been its president since 1989. Previously he was an engineer with Corning Glass Works and a research assistant at Duke University. He received his B.S. and Ph.D. degrees in electrical engineering from Duke.

In addition to the main lecture, Wooten will give these cosponsored auxiliary lectures which are open to the public:

"Leadership and Management of Research." Monday, April 8, 2 p.m. Room 364, Surrin Hall. (College of Commerce & Industry.)

"Calhoun Scholars and Engineering Majors Seminar." Monday, April 8, 4:30 p.m. Earle Hall Auditorium. (College of Engineering.)

For further information about the speaker or this lecture series, call Calhoun College (656-4762).

Scholarships and Awards Day

Agricultural Sciences

Saturday, April 13, 10 a.m.
Poole Agricultural Center Aud.

Architecture

Wednesday, April 10, 2 p.m.
Lee Hall Courtyard

Commerce & Industry

Saturday, April 13, 10:30 a.m.
Surrin Auditorium

Education

Saturday, April 13, 10 a.m.
Tillman Auditorium

Engineering

Saturday, April 13, 2 p.m.
Tillman Auditorium

Forest & Recreation Resources Parks, Recreation & Tourism Management

Thursday, April 4, 6:30 p.m.
Kresge Hall

Forest Resources

Thursday, April 18, 7 p.m.
Foxwood Hills Resort

Liberal Arts

Saturday, April 13, 2:30 p.m.
Daniel Hall Auditorium

Nursing

Saturday, April 13, 10 a.m.
Palmetto Ballroom

Sciences

Saturday, April 13, 2 p.m.
Hunter Chemistry Auditorium

Joint Army-Air Force ROTC Awards

Saturday, April 13, 9-10 a.m.
Tillman Auditorium
Reception in auditorium lobby
immediately following program

The President's Scholarships and Awards Luncheon

(Admission by invitation only)
Saturday, April 13, 11:45 a.m.
Holmes Ballroom
Clemson House

Music, mime and more fill April's calendar

Clemson's cultural calendar is filled with theatre, music, mime and masks this month.

Admission is free of charge except where indicated. Tickets for other events can be purchased at the University Union box office which is open noon-5 p.m. Monday through Friday. To reserve tickets by telephone, call the box office at 656-2461.

"CU After Six" Singers will perform Thursday and Friday, **April 4 and 5**, at 8 p.m. in Tillman Auditorium. The singers will present a lively program of pop, jazz and show tunes. Admission is \$2 at the door.



"CU After Six" Singers

The Camerata Lysy Gstaad, internationally acclaimed as one of the finest chamber ensembles performing today, will appear in concert at 8 p.m., Monday, **April 8**, at Tillman Auditorium. This performance, featuring 18 strings players from the International Menuhin Music Academy in Gstaad, Switzerland, is part of the Concert Series. Tickets are \$7 for adults, \$4 for non-Clemson students and FREE for Clemson Students.

The Clemson University Symphonic Band, under the direction of Richard Goodstein, will perform its spring concert at 8 p.m., Thursday, **April 11**, in Tillman Auditorium. Clemson's symphonic winds will be featured in a program that includes a variety of popular music and Broadway show tunes.

The Clemson Players will present *A Clearing in the Woods*, by playwright Arthur Laurents, **April 12-14 and 16-20** in the Daniel Hall Annex. Wendy Overly, assistant professor of theatre and speech, directs this play that explores a woman's journey of self-discovery. Performances are at 8 p.m., with an additional 3:30 p.m. performance April 18. Admission is \$4 for the public, \$2 for Clemson faculty and staff, and FREE to Clemson students.

The Clemson University Chamber Orchestra will perform in concert at 8 p.m., Monday, **April 15**, in Tillman Auditorium. The program will feature Vivaldi's "Spring Concerto," with Cynthia Scully Pfender as soloist. Pfender, associate professor of music at Clemson, organized the chamber orchestra last year.

The Clemson University Choral Ensembles, under the direction of Dan Rash, will perform at 8 p.m., Thursday, **April 18**, in Tillman Auditorium. The University Chorus and the Chamber Singers will perform a variety of choral selections, including traditional sacred works, spirituals and lighter secular tunes.

IMAGO (formerly Theatre Mask Ensemble), a group that combines traditional mime with dance, movement and mask theatre, will perform at 8 p.m., Saturday, **April 20**, in Tillman



The Camerata Lysy Gstaad

Auditorium. Praised for its originality and inventive approach, the troupe

presents a program that is entertaining to both children and adults. From huge frogs that hop around the stage to other



IMAGO

animal and insect re-creations and human (or human-like) characters, IMAGO's extensive repertoire is unique. Part of the University Union's On Stage series, admission is \$8 for adults and \$6 for students and senior citizens.

The Picnic Concert, one of Clemson's most popular events, will be held at 3 p.m., Sunday, **April 21**, in the Outdoor Theater. The program features the Symphonic Band and the University Chorus performing a variety of popular selections. The public is invited to bring food and blankets for this free, informal event. In case of rain, the concert will be held in Tillman Auditorium.

The Clemson University Jazz

Ensemble closes out the student performance season with ever-popular big band sounds in a concert at 8 p.m., Wednesday, **April 24**, in Tillman Auditorium.

Staff Commission news:**Commission discusses Provost Search Committee**

The Staff Commission spent part of its March 12th meeting discussing recent appointments to the Provost Search Committee. Members expressed disappointment that the committee did not contain a representative from classified personnel.

The 11-member committee consists of one trustee, two deans, one academic department head, four faculty members, one staff member, one graduate student and one undergraduate student. The staff representative named is an unclassified employee.

The Commission directed its chairman, Ruth Taylor, to communicate these concerns to the administrators. (Since this meeting, Ann Duncan, business manager in agricultural personnel, has been added to the committee.)

In other business:

- The Welfare Committee reported that Jerry Reel, vice provost, and David Larson, vice president for Business and Finance, have approved a proposal for study leave for classified staff and will present it to the Budget and Control Board. The Committee's plan is based on years of service.

- The Policy Committee announced a plan to enable Commission members to add Commission duties to their job objectives. Letters will be sent to all Commission representatives' supervisors asking that the employees be allowed to incorporate their Commission duties into their job objectives.

- The Commission heard from Jeff Martin, director of Conference Services, about the range of services offered by his department. During the 1990 summer season, the department

served 125 groups (15,000 individuals) visiting the campus. Conference Services handles all the details that make a meeting run smoothly — food service, registration, housing, parking, medical services and recreation. The department has recently expanded its scope to meetings held in other cities. Martin said the major criteria used for deciding which meetings, on or off campus, his office will accept is "Does the mission of the client match the mission of Clemson University?"

The next Commission meeting will be Tuesday, April 9, at 10 a.m., in 113 Lehotsky Hall. Jim Pope, director of Intramural Sports will be the guest speaker. Margaret Pridgen, director of Constituent Communications, and Beth Jarrard, editor of *Clemson Weekly*, will present plans for revamping the faculty/staff newsletter.

Baron elected vice president of Faculty Senate

Sen. William Baron (Engineering) was elected vice president of the Faculty Senate at the March 12 meeting. The new secretary is Sen. Gerald Middle (Commerce & Industry).

In remarks before the voting, Baron expressed opposition to adding administrators to the faculty governing body. (A proposal to restructure the Faculty Senate was presented Nov. 3 but was returned to committee for further study.) Baron also urged the Senate to prepare a statement of concerns for the new provost.

Sen. Allen Dunn (Forest & Recreation Resources), Senate president, reported that Provost Maxwell has responded negatively to the Senate's resolution calling for increases in summer school salaries. The Welfare Committee will review this decision.

Paul Aaron, NCAA compliance director, and Ken Hatfield, head basketball coach, were guest speakers. Aaron reported that the most recent NCAA convention focused on reduction of costs and evaluation of

the student-life experience.

At a time when many major athletic programs are losing money, the NCAA instituted changes aimed at cutting expenses. Reductions in schol-

Faculty Senate News

arships, coaching staffs, and recruiting visits will bring the most savings.

Restrictions on the amount of time spent in play and practice will allow for a more balanced lifestyle. Aaron said the next NCAA convention will probably address academic reform.

In outlining his philosophy of coaching, Hatfield described the four-point criteria used in evaluating a prospective recruit: 1. Does he have good character? 2. Does he have the academic potential to graduate from Clemson? 3. Does he have the ability

to help Clemson win a national championship? and 4. Does he fulfill a need of the team?

Hatfield has implemented a program of guest speakers and career-planning sessions for the team to help provide for a "life after football" for the players.

In other business, the Senate:

- Passed a resolution that recommends amending the title of the Provost and Vice President for Academic Affairs to include Senior Vice President of the University.

- Passed a resolution designating the president of the Faculty Senate as an ex-officio member in meetings of the vice presidents of the University.

- Passed a resolution in support of a recommendation by the academic deans that President Lennon suspend the purchase of software for the Division of Business and Finance.

The next Senate meeting will be Tuesday, April 9, at 3:30 p.m., in the Senate Chamber of the University Union complex.

Send events to "Master Calendar," Clemson Weekly, Alumni Center

Dates to remember:

Friday, April 5

—Groundbreaking Ceremony: Performing Arts Center. 1:30 p.m., site adjacent to the Strom Thurmond Institute. (656-3043)

—Clemson Medallion Dinner. Reception at 6 p.m., dinner at 7 p.m. Littlejohn Coliseum. Ticket (\$30) required. (656-2345)

—Concert: "CU After Six Singers." 8 p.m., Tillman Auditorium, \$2 at the door. (Performing Arts, 656-3043)

—Board of Trustees meeting. 2:30 p.m., Holmes Ballroom, Clemson House. (656-3415)

—Baseball: North Carolina. 7 p.m., Tiger Field. (656-2114)

—Concert: "Highway 5." 9 p.m., Edgar's. \$2. Sponsored by University Union. (656-2461)

Saturday, April 6

—Cycling: Spring Jubilee Road Race, an official event of the Southeastern Cycling Conference. Sponsored by the Clemson Cycling Club. 10 a.m. Start and finish at Pendleton Jr. High School. (Gayland Witherspoon, faculty adviser, 656-3904)

—Baseball: North Carolina. 3 p.m., Tiger Field. (656-2114)

—Track: Auburn. Noon. Outdoor track. (656-2114)

—Football: Spring Football Game. 1 p.m., Death Valley. (656-2114)

—Concert: ARS, formerly Atlanta Rhythm Section. Sponsored University Union. 4 p.m. Outdoor Theater (Edgar's if it rains). FREE. (656-2461)

Sunday, April 7

—Cycling: Criterium race, an official event of the Southeastern Cycling Conference. Sponsored by the Clemson Cycling Club. 8 am.-noon. Streets surrounding Littlejohn Coliseum. (Gayland Witherspoon, faculty adviser, 656-3904)

—Baseball: North Carolina. 2 p.m., Tiger Field. (656-2114)

—International Festival. 1-6 p.m., University Union. Sponsored by Office of International Programs and Services. (656-2457)

Monday, April 8

—Concert: The Camerata Lysy Gstaad, a chamber ensemble. 8 p.m., Tillman Auditorium. Part of the Concert Series. Students FREE, dates/non-Clemson students \$4, adults \$7. (Performing Arts, 656-3043)

—R.C. Edwards Lectures in Science and Technology: A series of lectures

by F. Thomas Wooten, president of Research Triangle Institute. See page 1. (Calhoun College, 656-4762)

—WHEN (Women in Higher Education Network): "Economic Development in the County" by Mary Poore, City of Clemson, and Bruce Adkins, Pickens County. Noon, Ramada Inn. (Michalann Greenway, 656-5787)

—Baseball: Winthrop. 7 p.m., Tiger Field. (656-2114)

—Seminar: "Molecular Genetics of Symbiosis Between Broad Host Range Rhizobia and Legumes" by Steven G. Pueppke, University of Missouri-Columbia. Sponsored by the S.C. Agricultural Experiment Station. 11 a.m., Lehotsky Auditorium. (Howard Fescemyer, 656-5050)

Tuesday, April 9

—Commission on Classified Staff Affairs meeting. 10 a.m., 113 Lehotsky Hall. (Ruth Taylor, chairperson, 656-5174)

—Faculty Senate meeting. 3:30 p.m., Student Senate Chambers, University Union. (Allen Dunn, president, 656-2456)

—Baseball: Georgia. 7 p.m., Tiger Field. (656-2114)

Wednesday, April 10

—Scholarships and Awards Day: College of Architecture. 2 p.m., Lee Hall Courtyard.

Thursday, April 11

—Concert: Clemson University Symphonic Band. 8 p.m., Tillman Auditorium, FREE. (Performing Arts, 656-3043)

—Lecture: "Sperm-Egg Interaction and Membrane Dynamics at Fertilization." Frank J. Longo, Iowa State University. Biological Sciences Department. 4 p.m., G33 Jordan Hall. (656-2328)

—Seminar: "Molecular and Biochemical Basis of Host-Plant Resistance" by Ralph O. Mumma of Penn State University. Sponsored by the S.C. Agricultural Experiment Station. 11 a.m., Lehotsky Auditorium. (Howard Fescemyer, 656-5050)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor, *Clemson Weekly* Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or fax us at 656-0713.

DEADLINE is FRIDAY, April 5, for April 17 issue.

Clemson

WEEKLY

Vol. 30, No. 31

Wednesday, April 10, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

University president, trustee, leading alumnus receive highest honor, The Clemson Medallion

University President Max Lennon, Trustee Buck Mickel and Class of '41 President Roy Pearce are this year's recipients of The Clemson Medallion, the University's highest public honor.

They were honored April 5 at a dinner in Littlejohn Coliseum.

The Board of Trustees surprised Lennon with a special Medallion to show their respect for him and to recognize his leadership as president since 1986.

Lennon's selection was known in advance only by the trustees and a few staff members. Not since its inauguration in 1981 has the award been presented to three people in the same year.

Board Chairman Louis Batson said Lennon's five years as president have been "among the most challenging, the most exciting and the most productive in its history. In this short period of time, Clemson has been forever changed, and its future has become brighter and more ambitious than anyone in this room could have ever imagined." He called Lennon "a model for all that a university president should be."

Under Lennon's leadership, an aggressive strategic planning program identified areas where Clemson's efforts should be concentrated to position itself as "the nation's leading technologically oriented land-grant university."

In five years, research expenditures, annual private support and the value of Clemson's permanent endowment have all doubled.

Edwards Endowment and the Strom Thurmond Institute.

Roy Pearce, president of his own management consulting firm and

secretary of Budweiser of Columbia, made his mark in the food-distribution industry.

After serving in World War II, he rose through the ranks of the family business, Pearce-Young-Angel, to become its president and chief executive officer in 1960. He guided its merger with

Consolidated Foods Corp. (now Sara Lee Corp.) in 1967.

As chairman and CEO, he led the growth of a new company, PYA/Monarch, from \$35 million a year in sales to more than \$1 billion, making it one of this state's largest companies.

At Clemson, Pearce was an honor military student, varsity football player, member of the 1940 Cotton Bowl team and cadet colonel brigade executive officer.

He's been a director of the Clemson University Foundation and president of the Clemson Alumni Association. He received the Alumni Association's Distinguished Service Award in 1963 and an honorary doctorate from Clemson in 1986.

In 1988, he and his wife established a \$1.5-million endowment for the R. Roy and Margery W. Pearce Center for Professional Communication.



Lennon



Mickel



Pearce

Staff Commission Nominations

Nominees for election to open seats on the Commission on Classified Staff Affairs are:

Academic Affairs

Architecture/Education/
Liberal Arts/Libraries

Patricia Durham
Carol Hood
Stephanie Clark
Natalie Garrison-Elrod
Joyce Farr
Pat Powell
Ida Pinson
Teri Alexander
Lisa Traynum
Jan Gambrell
Judy Parker
Marian Cappiello
Katherine Lee Fracasso
Ron Williford

Administration
(division-wide)

John McKenzie
Ralph J. Roach

Business and Finance
(division-wide)

Pamela Durham
James F. Carter
Hoke E. Cox
Tony H. Craig
Annette H. Bangle
David L. Mulberger
Joseph P. Rogers
Alan M. Godfrey
Harold E. Duncan

Student Affairs
(division-wide)

Mary Jo Williams
Lillian Lappie
Kay Long
Robin Page
Cynthia Cummings

Agriculture & Natural
Resources
(division-wide)

Dick Baker
Dewey Barefield
Dianne Bolton
Janice Bishop
Alfreda Bouyer
Kathy Brock
Jim Dunlap
Norman Ellis
Doris Felts*
Mary Gaines
Patricia M. Greenway
Dexter Hawkins
Jay Henson
Lois Jacobs*
Billie Jones*
Teresa M. Kelley
Lynn Kunkle
Cheryl Long*
Christine Martinelli*
Tammie McCall
Brenda McKee
M. Warren Miller
Judi Mounter
Billy Newall
James Olsbey
Judy Pilgrim
Shelby Price*
Jeanne Prunty
Michael Simmons
Patsy Smith*
Robin Stengel
Michael Stephens
Deborah K. Temples*
Gay Walter*
John Wells

* off-campus employee

Ballots will be mailed to each vice presidential area within a few days.

Ballots are due to the Commission's election subcommittee in 108 Barre Hall by Monday, May 6.

New affirmative action goals set

University President Max Lennon wants Clemson to be number one when it comes to minority hiring.

Clemson is currently ranked number one among higher education institutions and seventh among South Carolina state agencies, as a whole, — a significant increase over last year. But Lennon sees room for improvement. "While we can be pleased with our advancement, our goal is to be first among all state agencies," Lennon said.

The State Human Affairs Commission recently completed its yearly evaluation of state agencies' efforts to bring blacks and white females into the work force. Clemson moved from second to first among higher education institutions and from 17th to seventh among the state agencies.

Lennon suggested hiring departments contact the Office of Human Resources for guidance in enlarging applicant pools for available positions.

Briefly ...

The Clemson chapter of the **American Association of University Professors** is accepting nominations for the **Clemson Chapter Award** for distinctive contributions to the academic profession.

The award will be presented at the general faculty meeting in May.

Send letters of nomination to Larry Bauer, 232 Barre Hall, by April 17. For more information, contact John Idol, chapter president (656-5395).

"What Is the Payoff for Effective Teaching?" is the topic of a panel discussion sponsored by the **Teaching Resources and Effectiveness Committee** on Thursday, April 18, from 3:30 to 5:30 p.m. in Lyles Auditorium in Lee Hall.

The college deans will discuss the role of effective teaching in faculty evaluation. For more information call Sherry Thompson (656-5513).

Seminar teaches the elephant to dance

"Teaching the Elephant to Dance" — It sounds like a continuing education class for animal trainers, but it is a daylong seminar on empowering change in your organization.

The department of employee development recently brought James A. Belasco, professor at San Diego State University, to Clemson for this seminar. Belasco is a business consultant and author of the best selling book *Teaching the Elephant to Dance*. Approximately 100 management professionals from the University and private industry took part.

According to Ray Thompson, director of employee development, "The entire day was a tremendous success. We have had very positive feedback from employees concerning the program, as well as requests for a 'follow-up dance.'"



James Belasco conducts seminar.

This department provides a variety of seminars and workshops, many at no charge to University employees. For information about training opportunities, consult the Clemson Weekly or call 656-2727

Discounted tickets available at University Union information desk

Discounted tickets for movie theaters and theme parks are available at the University Union information desk.

Tickets for United Artists Theatres will be sold for \$4 during the remainder of the school year — that's \$1-1.50 less than the usual theater box office price. These tickets will be valid through July 31. United Artists operates the Village Cinemas IV and Market Place Cinemas in Anderson, the Haywood Road Cinemas and Bijou Cinemas in Greenville, and the Colony I & II in Easley.

Discounted tickets for Six Flags in Atlanta and Carowinds in Charlotte are also available:

| | Here | There |
|-------------------------|---------|---------|
| SIX FLAGS | | |
| Adult (age 10-54) | \$15.50 | \$22.00 |
| Sr. Citizen (55 & over) | \$11.50 | \$15.70 |
| Child (age 3-9) | \$11.50 | \$15.70 |
| Under age 3 | FREE | FREE |
| CAROWINDS | | |
| Adult (age 7-59) | \$16.00 | \$19.95 |
| Sr. Citizen (60 & over) | \$ 9.75 | \$ 9.95 |
| Child (age 4-6) | \$ 9.75 | \$ 9.95 |
| Under age 4 | FREE | FREE |

For further information about discounted tickets, call the information desk at 656-2461.

CNN producer to speak at Strom Thurmond Institute

The war in the Persian Gulf catapulted Cable News Network to a new level of international recognition with its 24-hour coverage not only from Peter Arnett in Baghdad but from every corner of the globe touched by the conflict.

Chet Burgess, a supervising news producer and executive producer at CNN, will be the featured speaker at the Strom Thurmond Institute's "Third Thursday at the Thurmond" program at 8 p.m., April 18. He will discuss CNN's expanding international market and the intricacies and implications of instantaneous worldwide news.

A CNN "original," Burgess has been with the network since it began operations in 1980. As supervising producer he is responsible for all live news programming during weekend mornings and afternoons and supervises producers, anchors and writers in the CNN newsroom. He also is executive producer of *The Big Story*, a weekly hard news documentary program that airs on weekends.

"We are delighted to have Chet with us," said Thurmond Institute Director Bruce Yandle. "When we see Peter Arnett or any of the CNN reporters in the field, often Chet is in the control room in Atlanta putting them on the air. It will be fascinating to have his perspective on the CNN phenomenon."

Prior to joining CNN, Burgess was an anchor, producer and reporter with WTAR-TV and Radio in Norfolk, Va., and a radio news director. He is a Phi Beta Kappa graduate of Washington and Lee University.

The program is open to the public at no charge. For further information, call the Strom Thurmond Institute at 656-4700.

Send events to "Master Calendar," *Clemson Weekly*, Alumni Center

Dates to remember:

Friday, April 12 - Sunday, April 14

—Clemson Players present: *A Clearing in the Woods*. 8 p.m., Daniel Annex. Public \$4, faculty/staff \$2, students FREE. (University Union, 656-2461)

Saturday, April 13

—Scholarships and Awards Day:
•Agricultural Sciences, 10 a.m., Poole Agricultural Center Auditorium
•Commerce & Industry, 10:30 a.m., Sirrine Auditorium.
•Education, 10 a.m., Tillman Auditorium.
•Engineering, 2 p.m., Tillman Auditorium.
•Liberal Arts, 2:30 p.m., Daniel Auditorium.
•Nursing, 10 a.m., Palmetto Ballroom.
•Sciences, 2 p.m., Hunter Auditorium.
•Army-Air Force ROTC 9-10 a.m., Tillman Auditorium.
—Film: "The Cat From Outer Space." 3 p.m., Y-Theater. Admission \$1, children under 5, FREE. (656-2461)

Saturday, April 13 & Sunday, April 14

—Concourse Botanique, annual education and cultural festival sponsored by the Botanical Garden. Saturday 10 a.m.-6 p.m., Sunday noon-6 p.m. (656-0203)

Monday, April 15

—Lecture: "Recent Works" by Thom Mayne, Visiting Master Teacher. 8 p.m., Lyles Auditorium, Lee Hall. (656-3081)
—Concert: Clemson University Chamber Orchestra, featuring "Spring Concerto" by Vivaldi. 8 p.m., Tillman Auditorium. FREE. (Performing Arts, 656-3043)

Tuesday, April 16

—Baseball: Appalachian State. 7 p.m., Tiger Field. (656-2114)

Tuesday, April 16 - Saturday, April 20

—Clemson Players present: *A Clearing in the Woods*. 8 p.m., Daniel Annex. Public \$4, faculty/staff \$2, students FREE. (University Union, 656-2461)

Wednesday, April 17

—Employee Training: "Managing Workgroup Performance." 9 a.m.-4 p.m. Call 656-2727 for reservations.
—Southern Circuit Film Series: "Ethnic Notions" 3:30 p.m. & "Tongues Untied" 8 p.m. Daniel Auditorium Sponsored by the College of Liberal Arts, the English Department, and S.C. Arts Commission. FREE. (656-5415)
—Baseball: Appalachian State. 7 p.m., Tiger Field. (656-2114)

Thursday, April 18

—Scholarships and Awards Day: Forest Resources. 7 p.m. Foxwood Hills Resort.
—Third Thursday at the Thurmond: Chet Burgess, CNN News Producer. 8 p.m. Strom Thurmond Institute Auditorium, FREE. (Donna Zimmerman, 656-4700)
—Lecture: "Radar Studies of Bird Migration: A New Conservation Tool." Dr. Sid Gauthreaux. Department of Biological Sciences. 4 p.m., G33 Jordan Hall. (656-2328)
—Concert: Clemson University Choral Ensembles will perform a variety of selections, including sacred works, spirituals and secular tunes. 8 p.m., Tillman Auditorium, FREE. (Performing Arts, 656-3043)
—Seminar: "What is the Payoff for Effective Teaching?" 3:30-5:30 p.m., Lee Hall Auditorium. (656-5513)

Friday, April 19

—Seminar: "Computer Controls," by David Auslander, Univ. of California, Berkeley. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, James Jara-Almonte, 656-5620)
—IMAGO: Mask theatre combines costume, dance, music and mime. 8 p.m., Tillman Auditorium. Adults \$8, students/senior citizens \$6. Part of On Stage series. (University Union, 656-2461)

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Director Margaret Pridgen
Editor, *Clemson Weekly* Beth Jarrard

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DEADLINE is FRIDAY, April 12, for April 24 issue.

A reminder from the Micro Center

Users of IBM OS/2 Extended Edition version 1.2 can now upgrade to version 1.3 at no charge until April 30. Contact the Micro Center at 656-3714 for details.



Clemson

WEEKLY

News Special

Monday, April 15, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson faces budget squeeze next fiscal year

Clemson University and other state-supported institutions and agencies are experiencing fiscal hard times because of the current economic slowdown.

State tax collections this year are well below projections, and the outlook for next year is "no growth" at best.

The state Budget and Control Board in essence "impounded" — imposed a mid-year cut of — \$3.5 million in Clemson's appropriation for the current fiscal year (FY90-91).

That included more than \$2.5 million in the University's E&G (Education and General) budget and almost \$1 million in the PSA (Public Service Activities) budget.

Next year could be even worse. Final numbers will not be known until the General Assembly passes a budget bill, probably in June.

This special issue of *Clemson Weekly* is being published to inform faculty and staff of the budget outlook at this point in time.

It was compiled from information provided by the Division of Business and Finance. Updates will be published as the budget bill progresses.

Q: Why is Clemson having budget problems in the middle of the current fiscal year?

Because of the drop in projected tax revenues, the state Budget and Control Board voted to "deauthorize" the pay raises approved last year.

That doesn't mean Clemson employees have to give back their pay increases. It means the state is not picking up the tab for the hikes. The University (like other agencies) must cover them from other funds.

The B&C Board approved an additional reduction in February.

The total shortfall is more than \$2.5 million in E&G and almost \$1 million in PSA.

Q: How is Clemson making up for that money?

On the E&G side of the ledger, the deficit will be covered in large part by:

- not spending \$1.2 million budgeted this year for equipment.
- not spending about \$400,000 budgeted for faculty salary adjustments and reclassifications. (Note: Clemson had planned to use about \$200,000 to adjust faculty salaries at year-end, but the Attorney General ruled that could not be done.)
- not spending \$253,000 targeted for facility projects.
- other internal reallocations.

Q: Will there be a hiring freeze before June 30? Layoffs or furloughs? Pay cuts?

No such action is anticipated for E&G funded positions. PSA, however, is facing a more difficult situation.

There is a *de facto* hiring freeze right now in Extension; vacancies are being filled only with the permission of Extension Director Bud Webb. Extension is continuing to examine other budget-cutting steps for making up its shortfall.

Q: Will Clemson have budget problems next year, too?

Yes, serious ones.

Since funds appeared to be so tight, the state Commission on Higher Education (CHE) threw out the funding formula for next year. Had the formula been used, Clemson's E&G appropriation stood to increase by \$2.9 million

because the faculty salary, research and other components of the formula increased.

As it is, the version of the FY91-92 Appropriations Bill passed by the S.C. House of Representatives calls for Clemson to get a small amount more in state E&G funds next year — just over \$400,000 more.

The Senate version under consideration would actually *cut* Clemson's funding — in real dollars — by \$1.2 million. Either version represents just 75 percent of what full funding under the CHE formula for higher education would allocate to Clemson (\$107.8 million).

On the spending side, just paying for salary and fringe benefits authorized *last* year will take an additional \$1.7 million *next* year. (That's what "annualizing pay increases" means.)

Q: Will there be pay raises next year? Reclassifications? New positions?

Not likely.

The state does not anticipate appropriating any funds in FY91-92 for base pay or merit increases.

Any faculty salary increases will be limited to promotions. Exceptions will require the prior approval of the Provost.

Q: Will there be a student fee increase?

Almost certainly, although the figure is uncertain. Any fee increase would have to be approved by the Board of Trustees.

Q: Will the budget crunch affect all areas of the University equally?

No. According to Roger Patterson,

associate vice president for budgets and planning, all areas will be affected but the administrative units will be hardest hit.

President Lennon sent a memo to vice presidents this week outlining the "worst case scenario" — the Senate version of the appropriations bill. He told the Board of Trustees on April 5 that budgeting this year would be a "difficult process."

However, Lennon said, "I can assure you we're not talking gloom and doom. We're trying to find ways of going about our business and funding our priorities."

Under the Senate bill, more than \$2.6 million will be reallocated from both instructional and administrative areas to support more critical research and instructional programs. Under the incentive budget program, distribution of research matching funds, general and administrative recoveries, and indirect cost recoveries will be continued.

Q: How can we have a successful capital campaign and a budget crunch at the same time? Can't some of that \$62 million go to make up the shortfall?

Some of it is. Gifts to unrestricted scholarships, for example, relieve the pressure on University funds for the Clemson Scholars program.

Gifts-in-kind of computers and equipment have helped Clemson through years of inadequate budgets to buy new equipment.

Private funds are important to provide an extra margin of excellence

| Academic Year | Professor | Assoc Prof | Asst Prof |
|---------------|-------------------|-------------------|-------------------|
| 1987-88 | \$46,646 (89%) | \$35,336 (93%) | \$30,790 (95%) |
| 1988-89 | \$50,433 (91%) | \$37,712 (94%) | \$33,245 (98%) |
| 1989-90 | \$54,188 (93%) | \$39,620 (94%) | \$35,097 (98%) |
| 1990-91 | \$58,393 (95%) | \$42,555 (96%) | \$36,376 (97%) |
| 1991-92 | ? | ? | ? |

Source: Personnel Services from Oklahoma State Survey data

Over the last four years, faculty salaries have begun approaching parity with other universities. Figures in parentheses show Clemson salaries as a percentage of the average for peer institutions.

in specific areas, but they can never make up for inadequate state funding.

For one thing, 90 percent of private gifts are restricted by the donor to a specific college or program. Also, success toward the campaign goal is measured in gifts *and* pledges. Our \$62 million goal has been achieved with \$48 million in actual receipts and \$14 million in pledges, some of which will not be fully paid out until 1995.

Another factor — endowment funds are invested and only the income is spent. Even a \$1 million endowment fund yields only about \$55,000 in spendable income each year.

That's great and it helps, but it doesn't make up for a state appropriation that falls anywhere from \$20 to \$30 million below full formula funding

year after year.

Q: How will the funding problems next year impact the University? What will the cut mean to programs?

It means faculty salaries, which had been creeping up toward parity with peer institutions, will likely fall back (see table).

Clemson has allocated \$2.3 million over the last three years to bring faculty salaries up to the national average for peer institutions. We need another \$2.5 million to get there.

It means the University will not be able to make a dent in its equipment needs. Just to update campus equipment to meet current needs requires \$10 million.

That list includes:

- \$2.7 million to upgrade instructional laboratory equipment to meet accreditation standards in the colleges.

- \$1.25 million per year (for five years) to upgrade computing in undergraduate engineering.

- \$800,000 for the electron microscope facility.

- \$700,000 to upgrade the 30-year-old planetarium, which is now too small to handle introductory astronomy classes.

Clemson

WEEKLY

Vol. 30, No. 32

Wednesday, April 17, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson breaks ground and announces major gift for performing arts center

Rain drove the April 5 activities inside but did not dampen the audience's enthusiasm as ground was ceremoniously broken for the Robert Howell Brooks Center for the Performing Arts. The center is named for the alumnus who has pledged \$2.5 million toward the project.

Brooks turned the first shovelful of dirt, followed by Clemson President Max Lennon, Chairman of the Board of Trustees Louis P. Batson Jr., and Robert Merritt of the student body.

The \$11.8-million center will house performance, office and classroom space for the department of performing arts in the College of Liberal Arts. The center will also accommodate off-campus performance groups and community groups.

"This is a cultural center for the total Clemson community,"

said Lennon. "It will provide students with the best of both worlds — an opportunity to participate in and view student performances in a professional setting and an opportunity to experience, right here on campus, world-class entertainment."

A gift comes full circle

Clemson President Max Lennon pronounced the circle closed when major donors of the performing arts center were announced at the groundbreaking.

Robert Brooks' education at Clemson was made possible by the generosity of others, and now he is giving something back to his alma mater.

Brooks came to Clemson from Loris the summer after his high school graduation with no money, no knowledge of registration and admission procedures, and no contacts — just a desire to get a college education. He was assisted through the application process by Walter Cox, former dean and president emeritus.

And a loan scholarship established by alumnus Wofford B. "Bill" Camp made up for Brooks' lack of personal funds.

"That's what Clemson is all about to me," said Brooks. "Taking a personal interest in students and helping them achieve their potential, because education is our future."



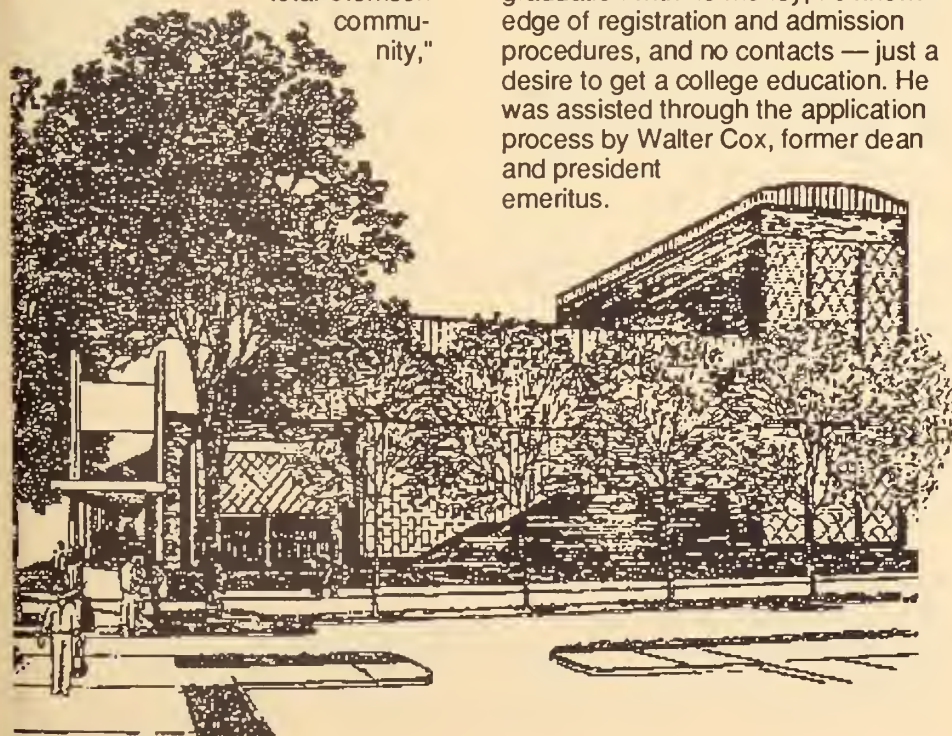
Robert Brooks

Brooks graduated with a Bachelor of Science degree in agriculture and set out on a path that has led him to the presidency of his own company, Eastern Foods Inc. of Atlanta, Ga, a \$50-million business, manufactures dressings and sauces under the Naturally Fresh brand name and owns the Hooters restaurant chain.

In recognition of his \$2.5-million gift, the center will bear his name, and other facilities within the center will be named for his wife, Yvonne, and their two sons, Mark and Coby, both Clemson students.

In addition to the Brooks gift, Lennon announced a gift of \$1 million by the family of Wofford B. and Louise Phifer Camp and a gift of \$125,000 by Kathryn Lemon. The dance studio will be named for Mrs. Lemon.

The student performance complex will be named in honor of Wofford B. and Louise Phifer Camp — yes, the same Mr. Camp who provided the scholarship funds for Robert Brooks years ago.



Earth Day 1991 celebration planned for Clemson campus and community

April 22 is the 21st anniversary of the first Earth Day, in 1970. Students for Environmental Awareness will celebrate with two weeks of activities planned to inform people of environmental issues and foster ecologically sensitive changes.

If you would like help with planning or implementing a project, contact SEA's Susan Branton at 858-8085. For more information about scheduled activities contact the coordinators named below.

Recycling Contest

Groups will compete by collecting aluminum, glass, plastic, bottles, newspapers and white paper. To enter your group contact Matt Compton at 656-2725 or 654-5138.

Eco-Info Fair

Participating organizations will have goods and ecological information on display in the Outdoor Theater all day on Thursday, April 18. Ben & Jerry's Ice Cream, Forest Watch, Toxics Watch, the Carolina Raptor Center, the Humane Society, the Horticulture Club and others will have information available on topics as diverse as rainforest depletion and

national energy strategy. If your group would like to participate, contact Susan Branton at 858-8085.

Shady Grove Band

This entertaining Earth Day activity will be April 18 in Edgar's. The band will begin at 9 p.m.; there will be a \$2 cover charge.

Outdoor Concert

A variety of bands will perform at this concert in the Outdoor Theater on Friday evening, April 19.

Children's Activities

Preschool children will visit the University Friday morning, April 19, for a puppet show and other fun, educational activities. Contact Laura Overcash at 858-6774 for more information.

Community Clean-Up

Volunteers will pick up trash around the University campus and the City of Clemson on Saturday morning, April 20. Campus collectors should meet at 10 a.m. in the Outdoor Theater. A recycling station will be set up at the Botanical Garden and tree saplings will be given to the volunteer

trash collectors. This event is co-sponsored by the Clemson Beautification Committee. Contact Susan Branton at 858-8085 for details.

Sunday Picnic

Bring a picnic lunch to the Botanical Garden on Sunday afternoon, April 21. SEA members will conduct informal "teach-ins" on various environmental topics. If you are a musician, bring your instrument and take advantage of a receptive audience.

Energy Policy Forum

Lawrence Golan, director of the Energy Research & Development Center, and James Hanna, University plant engineer, will speak on the national energy strategy and Clemson's energy policy at 7:30 p.m., April 23, in Lyles Auditorium of Lee Hall. Learn what these policies are and what you can do to affect them.

Environmental Movies

During the week of April 22-26 videos on various ecological issues will play on the large screen TV on the Loggia of the University Union. Flyers will be posted with the times and titles of these videos.



IMAGO to perform Saturday, April 20

The date of this performance was incorrectly reported in the "Dates to remember" section of *Clemson Weekly*, April 10.

IMAGO, a group that combines traditional mime with dance, movement, music and mask theatre, will perform at 8 p.m., Saturday, April 20, in Tillman Auditorium.

Tickets are still available. Part of the University Union's On Stage series, admission is \$8 for adults and \$6 for students and senior citizens. To reserve tickets by telephone, call 656-2461.

News briefs . . .

The office of payroll and employee benefits kicks off its 1991 **U.S. Savings Bond campaign** Monday, April 22.

U.S. Savings Bonds are currently paying 7.19 percent, and the payroll deduction process provides a convenient way to save for the future.

Canvassers in each department will contact employees between April 22 and May 24, when the campaign ends. For further information call 656-2000.

The Clemson University chapter of the **S.C. State Employees Association** is **accepting nominations** for officers and directors.

A president, vice president, secretary-treasurer, legislative chairperson, membership chairperson and six directors will be elected by mail ballots in May.

Anyone interested in serving as an officer or director or nominating someone for a position should contact one of the following members by 4 p.m. on April 22:

- Ron Kopczyk, engineering services (656-3391)
- Tom Kasperek, engineering services (656-5547)
- Mike McLeod, Extension administration (656-4066)
- Walt Wilson, retired (859-2252)

The Clemson chapter of Professional Secretaries International and the University personnel division are co-sponsors of a live videoconference on Wednesday, April 24 — a **secretaries briefing on National Professional Secretaries Day**.

This fourth annual program, produced by the American Management Association, will begin at 11:30 a.m. with a get-acquainted luncheon; the videoconference will follow from 1 to 3 p.m. Participants will phone in questions to the panel via a 1-800 number.

The cost of the conference is \$25 and includes lunch. For reservations, call Gail Brock (656-0470) or Sandra Davis (656-0585).

Present and future concerns about **salaries and insurance** will be the subject of a **public forum** on Thursday, April 25, at 7 p.m.

The Clemson chapters of the S.C. State Employees Association and the American Association of University Professors are co-sponsors. The panel will include Grady Patterson, S.C. state treasurer; David Anderson, assistant director of the state's insurance service; and an official of Blue Cross/Blue Shield of S.C.

The forum will be held in 100 McAdams Hall. For more information contact John Idol (656-5395) or Dixie Schmittou (656-0313).

The Clemson University Extension Service and Duke Power Co. are co-sponsoring a **free one-day home buyers seminar** on Saturday, April 27.

The seminar will be led by Roger Liska, head of the department of construction science and management, and Judy Parlier, consumer education representative with Duke Power.

The program will cover such topics as selecting a location, arranging financing and evaluating construction quality. A home tour is planned so casual dress is recommended.

Registration is at 8:30 a.m. in the Continuing Education Building at Tri County Technical College. The seminar will conclude at 4:30 p.m. Refreshments will be provided, and a break will be given for lunch on your own.

There is no charge for this program, but seats are limited. Call the Pickens County Extension Service at 868-2810 or 859-2422 to reserve.

Tiger Stripe cards are now accepted at the University **post office**.

Faculty and staff can use their declining balance accounts to send FAX messages and purchase stamps, money orders and envelopes.

A growing number of University facilities accept the card — look for the Tiger Stripe decal displayed on a door or window.

University offices move to College Station

The University continues to expand beyond the traditional boundaries of the campus. The following offices recently moved to College Station, 1007 Tiger Boulevard:

| | |
|-------------------------|----------|
| Accounting Services | 656-2495 |
| Charles Tegen, director | 656-5600 |
| Cindy Hadlock | 656-2495 |
| Sue Wardlaw | 656-0914 |

| | |
|--|----------|
| General Accounting and Reporting (formerly Accounting Control) | 656-2495 |
| Steve Crump, manager | 656-0586 |
| Jeannine Varenhorst | 656-5603 |
| Sue Hipps | 656-5587 |
| Jan Payne | 656-2606 |

| | |
|--|----------|
| Accounting for Fixed Assets (including Property Control) | 656-2324 |
| Rick Wilson, manager | 656-5606 |
| Evelyn Earnhart | 656-4794 |
| Jimmy Holliday | 656-0890 |
| Sheila Buchanan | 656-2324 |

| | |
|--------------------------------------|----------|
| Accounting for Related Organizations | 656-4302 |
| Cheryl Dean, director | 656-3630 |
| Jennifer Capps | 656-2382 |
| Cheryl Adams | 656-2714 |
| Linda Landreth | 656-0552 |
| Lou Ferguson | 656-4302 |

The FAX number for the College Station building is 656-0806.

Departmental notes

Faculty and staff accomplishments are printed in *Departmental notes* as space allows.

Departmental notes, complete with department head's and dean's signatures, should be submitted on proper form to the office of the vice provost for undergraduate studies. For copies of the form, contact Teresa Schiazza at 656-3022.

Dates to remember:

Send events to "Master Calendar," Clemson Weekly, Alumni Center

Through April 30

—Exhibit featuring works by candidates for the Master of Fine Arts and Master of Architecture. (For gallery hours, call Deborah Brooks 656-3081)

Through June 6

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Insititue Building. (656-0665)

April 16 through April 20

—Clemson Players present: *A Clearing in the Woods*. 8 p.m., Daniel Annex. Public \$4, faculty/staff \$2, students FREE. (University Union, 656-2461)

Thursday, April 18

—"The Color Purple: Its Cultural and Literary Context." A discussion of Alice Walker's novel by Trudire Harris, UNC, Chapel Hill. 9:30 a.m., Daniel Auditorium. FREE. (656-5390)
—Scholarships and Awards Day: Forest Resources. 7 p.m. Foxwood Hills Resort.
—Third Thursday at the Thurmond: Chet Burgess, CNN news producer. 8 p.m. Strom Thurmond Institute Auditorium, FREE. (656-4700)

—Lecture: "Radar Studies of Bird Migration: A New Conservation Tool." Sid Gauthreaux. Department of Biological Sciences. 4 p.m., G33 Jordan Hall. (656-2328)

—Concert: Clemson University Choral Ensembles. 8 p.m., Tillman Auditorium, FREE. (Performing Arts, 656-3043)

—Seminar: "What is the Payoff for Effective Teaching?" 3:30-5:30 p.m., Lee Hall Auditorium. (656-5513)

Friday, April 19

—Seminar: "Computer Controls," by David Auslander, University of California, Berkeley. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, James Jara-Almonte, 656-5620)
—Beta Gamma Sigma Induction Ceremony and Banquet. Social hour at 6 p.m., dinner at 7 p.m., Palmetto Ballroom. (656-2011)

Saturday, April 20

—IMAGO: Mask theatre. 8 p.m., Tillman Auditorium. Adults \$8, students/senior citizens \$6. Part of On Stage series. (University Union, 656-2461)

Sunday, April 21

—Picnic Concert featuring the Symphonic Band and University

Chorus. 3 p.m., Outdoor Theater (in case of rain, concert will be moved to Tillman Auditorium.) FREE. (Performing Arts, 656-3043)

Monday, April 22

—Employee Training: "Time Management." 9 a.m.-4 p.m. Reservations necessary. (656-2727)

April 22 and April 23

—Defensive Driving Class. 8 a.m.-noon each day, Police Department Court Room. Call Freddie Harbin for reservations. (656-3365)

Wednesday, April 24

—Baseball: Georgia. 7 p.m., Tiger Field. (656-2114)
—Concert: Clemson University Jazz Ensemble featuring big band sounds. 8 p.m., Tillman Auditorium, FREE. (Performing Arts, 656-3043)

Thursday, April 25

—Lecture: "A Random Walk Through Ecology: Biostatistics, Epidemiology, and Conservation" by David Tonkyn, Department of Biological Sciences. 4 p.m., G33, Jordan Hall. (656-2328)
—Baseball: South Carolina. 7 p.m., Tiger Field. (656-2114)

Friday, April 26

—Seminar: "Redundant Robots" by Rajiv Dubey, University of Tennessee. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, James Jara-Almonte, 656-5620)
—Baseball: Georgia Tech. 7 p.m., Tiger Field. (656-2114)

Sunday, April 28

—Baseball: Georgia Tech. 2 p.m., Tiger Field. (656-2114)

Monday, April 29

—Employee Training: "AIDS Update in the Workplace." 10 a.m.-noon or 2-4 p.m. Call 656-2727 for reservations.

April 29 through May 4

—Exams

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860, write us at the Alumni Center or FAX us at 656-0713.

DEADLINE is FRIDAY, April 19, for May 1 issue.



Clemson

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Wednesday, April 24, 1991

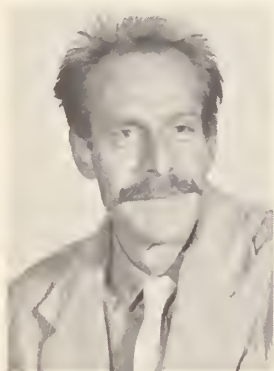
INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson-Greenville Hospital program calls for research proposals, names interim director

The Cooperative Research and Education Program recently formed between the Greenville Hospital System and Clemson is now accepting research proposals. Plans call for funding five or more with seed money of up to \$10,000 each. Projects must involve collaboration between hospital staff and university faculty and will undergo external scientific review.

The university and hospital joined forces in December to collaborate on basic biomedical research and education, which officials say will enhance medical care in the Upstate and academic programs at Clemson and expand the research scope of both institutions. The collaboration will create new opportunities to tap into biomedical research grant funding from public and private sources, said Jay Gogue, Clemson's vice president for research.

An estimated \$10-million budget over five years, an investment to be shared equally by both institutions, will be used as seed money for faculty, facilities and research. According to a



Jack Lilien

biomedical consultant who performed a yearlong feasibility study of the proposal, this is the first formal link

between a community-based health care facility and a non-medical university for the purpose of biomedical education and research.

Jack Lilien, head of the biological sciences department, has been named interim director. Lilien, who joined Clemson's College of Sciences in fall 1989, was formerly chairman of the zoology department of the University of Wisconsin in Madison. His research, supported by the National Science Foundation and the National Institutes of Health, focuses on the nervous system. He earned his bachelor's degree from the University of Southern California and his doctorate from the University of Chicago.

An international search has been launched for a permanent director and is expected to take about nine months, said Lewis Duncan, chairman of the search committee.

Fitness Classic puts 1,164 kids to the test

The "Ready, Set, Go Fitness Classic" at Clemson tested the physical fitness of all 1,164 fourth graders in the Pickens County school system.

The April 11 event began with a welcome by football Coach Ken Hatfield and a mass aerobics warm-up on the intramural field. Fitness tests, games and relays followed.

About 100 Clemson education majors, nursing students and others measured cardiovascular fitness, body fat composition, flexibility and muscular endurance.

The event was sponsored by the Pickens County School District and the Pickens Approach to Health, or PATH.

PATH is a coalition of the Greenville County Health Department, Clemson University, Baptist Medical Center of Easley, Clemson YMCA, the local chapter of the American Cancer Society and the American Lung Association.



Student goes through "flexibility" checkpoint.

Two new residential directors join housing department

Two new directors have joined the housing department: David Lee Faircloth as director of residential facilities, and Tony Cawthon as director of residential life.

Faircloth is in charge of 17 residence halls, three campus apartment areas and 100 family housing units. His responsibility includes maintenance and custodial services, preventive maintenance and long-range facilities planning programs.

Faircloth received his undergraduate degree in engineering technology from Georgia Southern and has attended Middle Georgia College and the University of Tennessee. Before joining Clemson, he was assistant director of housing for facilities at Georgia Southern.

Cawthon will select and supervise student staff members, develop and administer hall policies, work to provide adequate security, monitor student conduct and develop pro-



Faircloth



Cawthon

grams for more than 7,000 on-campus students.

Cawthon received a bachelor's degree in sociology/psychology and a master's degree in sociology from the University of Tennessee. He is a Ph.D. candidate in counselor education at Mississippi State University. Cawthon has served as the associate director of housing, assistant director of housing, and residence life coordinator at Mississippi State. He was also assistant head resident at Tennessee.

College of Nursing earns renewed accreditation

The College of Nursing has earned continued accreditation for its bachelor's and master's degree programs from the Council on Baccalaureate and Higher Degree Programs of the National League for Nursing.

"It is a mark of distinction to be a league-accredited school," College of Nursing Dean Opal Hipps said. "This peer evaluation shows that College of Nursing programs, including structure and governance, material resources, faculty, students, curricula and evaluation, meet national standards for a high quality university program."

The nursing college earned reaccreditation for eight years, the maximum period possible, Hipps said. The reaccreditation process involved

two years of self-study by Clemson faculty, students and administrators and a rigorous, four-day evaluation by visiting faculty peers. Clemson's College of Nursing has been accredited since 1972, when it graduated its first class. It is now the second-largest baccalaureate nursing program in South Carolina, with 313 undergraduate students and 77 master's degree students.

The National League of Nursing is recognized by the Council on Postsecondary Accreditation, a non-governmental organization that works to encourage and assist member accrediting bodies in promoting the quality and diversity of American higher education.

F. Y. I.

EDDIE — the E-mail Document Delivery & Information Exchange — is available to all faculty and staff.

A story in the March 27 *Clemson Weekly* prompted some staff members to try the service, but they were met with a screen that indicated "faculty only" for some features. The system was intended for use by all faculty and staff, and the on-screen instructions have been corrected.

Staff Commission ballots

should be sent to the election subcommittee in 161 P&AS Building by Monday, May 6. The address previously reported in *Clemson Weekly* was incorrect.

By now all employees have received a copy of the new **Employee Drug and Alcohol Policy** and have signed the Receipt of Acknowledgement and returned it to employee development — right?

If you did not receive a copy, contact Ray Thompson or Rhonda Roper at 656-2727. If you have not signed and returned the receipt, please take time to do it now.

Board approves name change for department

The Board of Trustees has approved a plan to rename the department of agricultural economics and rural sociology.

The new name — agricultural and applied economics — more accurately reflects the unit's academic, research and Extension programs, said department head Garnett Bradford. The department is primarily concerned with applied agricultural, agribusiness, community development and public policy areas, he said.

Departmental notes

Agricultural Education

At the American Vocational Association and the American Association of Teacher Educators of Agriculture meetings in Cincinnati, Ohio, in December:

- G. Shinn (Prof) was elected president-elect of the American Association for Agricultural Education and will serve as president in 1992.
- J. Harper (Assoc Prof) chaired the AVA Agricultural Education Division Research Committee.
- L. Blanton (Prof) and Shinn were discussants for the National Agricultural Education Research meeting.
- Blanton, A. Hash (Prof), R. Poling (Asst Prof), Shinn, and C. White (Asst Prof) presented an Exchange of Ideas Poster Session on "Enhancing Ag. Literacy, Preservice Education and Inservice Education."
- J. Harper published:
 - "Changing Values in Agricultural Mechanics" in *The Agricultural Education Magazine*.
 - "A Conceptual Model for Developing Power and Machinery Instruction for Secondary Schools" in *Journal of Agricultural Mechanization*.

Bioengineering

J. Black (Hunter Prof) was recently acknowledged for 25 years of effective participation in ASTM by the chairman of the board of that organization.

- S.W. Shalaby (Prof) lectured on:
 - "Bioabsorbable Polymers" and "Biodegradable Systems" at the Medical Textiles Conference sponsored by Clemson in February.
 - "Absorbable Implants" at the conference on Opportunities in Orthopaedic, Nuero and Spinal Surgery sponsored by Biomedical Business International in Anaheim, Calif., in March.

Environmental Toxicology

- R.J. Kendall (Dir):
 - Gave a presentation on "Wildlife Toxicology" to the U.S. Golf Association at the 1990 Turfgrass and Environmental Committee meeting in Tampa, Fla., in December.
 - Presented "Wildlife Toxicology: Environmental Toxicology Applied to Terrestrial Ecosystems" at the 13th Scientific Congress of Rhone-Poulenc International in Strasbourg, France, in November.

•Received a \$39,500.00 grant from the W.K. Kellogg Foundation to improve management of the fragile environment in the humid tropics. *Toxic Substances in the Environment* by Kendall and translated into Spanish by S.Harris (Vstg Instr, Lang Dept) will be used in the educational process.

At the 11th annual meeting of the Society of Environmental Toxicology and Chemistry in Arlington, Va., in November:

- M. Wolfe (Wildlife Biol I), Kendall, and M.J. Hooper (Asst Prof) presented a poster, "Age-Dependent Toxicity of OP's to Red-Winged Blackbirds and Starlings."
- L.L. Carlock (Res Spec II), N.W. Gard (Res Spec I), J.L. Hofius (Grad Stu) and Hooper presented a poster, "Characterization of Wildlife Cholinesterases (ChEs) for Use in Monitoring Organophosphate (OP) and Carbamate Exposures."
- Hooper, L.W. Brewer (Lect), S.L. Tank (Wildlife Biol II), Carlock, Kendall presented a poster, "Nestling Starlings as Sensitive Indicators of Pesticide Exposure."
- R.L. Lestina (Analytical Chemist), Tank, and G.P. Cobb (Asst Prof) presented a poster, "The Persistence and Movement of Terbufos in Vegetation and Select Macroorganisms of an Iowa Agroecosystem."
- K.A. Hunt (Res Spec II), L. Burke, Tank and Hooper presented "Toxic Response of Wild Blue Jays Dosed with Counter."
- E.H. Hol (Res Spec II), R.S. Mellot (Wildlife Biol II) and Cobb presented "Modelling of Time Related Exposure of Birds to Diazinon Under Field Conditions."
- J.A. Buck, L.W. Brewer, Hooper, Cobb, R.A. Craft (Wildlife Biol I) and Kendall presented "Monitoring Organophosphate Insecticide Exposure to Great Horned Owls in Iowa."
- Cobb, R.B. Lestina (Res Spec II), E.H. Hol (Res Spec II), Tank and Mellott presented "Determination of Chemical Movement in Agroecosystems."
- Hooper, Carlock, Tank and L.W. Brewer presented "Multi-Species Plasma Cholinesterase Evaluations as a Screening Method in Terrestrial Field Pesticide Studies."
- R.A. Brewer, Kendall, Hooper, L.W. Brewer and Cobb presented "Survivability, Movement Patterns, and Blood Cholinesterase Levels of Wild Northern Bobwhites Dosed with Counter."

•L.W. Brewer, Tank (Wildlife Biol II), Hooper and Cobb presented "Reproductive Success of European Starlings (*Sturnus Vulgaris*) Exposed to Counter 15-G in Iowa Corn Fields."

Industrial Engineering

- M.S. Leonard (Dept Hd, Prof):
 - Was elected incoming president of the Society for Health Systems; he will serve as 1991-92 president-elect and 1992-93 president.
 - Serves as a member of the board of directors of the Healthcare Information and Management Systems Society and is editor of the *Journal of Health Systems*.

Languages

- H.M. Riley (Prof) reviewed "Geschichtlichkeit und Aktualitat. Studien zur duetschen Literatur seit der Romantik" in *Colloquia Germanica*.
- M. Cranston (Prof) published the following solicited reviews:
 - "Vies" by Gerard Bayo in *World Literature Today*.
 - "Maurice Roche" by Jean Paris in *World Literature Today*.
 - "Exiles and Ironists. Essays on the Kinship of Heine and Laforgue" by Ursula Franklin in *The Comparatist*.

Physics and Astronomy

- At the Winter Meeting of the American Association of Physics Teachers in San Antonio, Texas, in January:
 - T.F. Collins (Assoc Prof) and J.A. Gilreath (Assoc Prof) presented "Physics Day: An Annual Event for High School Physics Students."
 - Gilreath was named chairman of the Apparatus Committee, a member of the Programs Committee and the Teaching Assistant Education Committee.

Political Science

- M.A. Morris (Prof) reviewed:
 - "Natural Resources and Economic Development in Central America" by H. Jeffrey Leonard in *Perspectives on Political Science*.
 - "Fidel Castro and the Cuban Revolution: Age, Position, Character, Destiny, Personality, and Ambition" by Carlos Alberto Montaner in *Perspectives on Political Science*.

Send events to "Master Calendar," *Clemson Weekly*, Alumni Center

Dates to remember:

Through April 30

—Exhibit featuring works by candidates for the Master of Fine Arts and Master of Architecture and other selected student projects. (For gallery hours, call Deborah Brooks 656-3081)

Through May

—Exhibit: "Walter Benson Collection of Geometric Art." Front lobby, Cooper Library. (656-0665)

Through June 6

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Institute Building. (656-0665)

Friday, April 26

—Seminar: "Redundant Robots" by Rajiv Dubey, University of Tennessee. 2:30 p.m., 100 Lowry Hall. (Mechanical Engineering, James Jara-Almonte, 656-5620)

—Baseball: Georgia Tech. 7 p.m., Tiger Field. (656-2114)

Sunday, April 28

—Baseball: Georgia Tech. 2 p.m., Tiger Field. (656-2114)

April 29 through May 4

—Exams

Thursday, May 2

—Employee Training: "Managing Multiple Priorities." 9 a.m.-4 p.m. Reservations necessary. (656-2727)

Sunday, May 5

—Baseball: Duke. 7 p.m., Tiger Field. (656-2114)

Monday, May 6

—Baseball: Duke. 7 p.m., Tiger Field. (656-2114)

Tuesday, May 7

—First Tuesday Briefing: Ron Kendall, director of TIWET. Noon, Alumni Center. Bring your own lunch. (656-2345)

—Employee Training: "Crime Prevention and Survival." 10-11 a.m., Virginia Poole Room. Reservations necessary. (656-2727)

—Baseball: Duke. 3 p.m., Tiger Field. (656-2114)

Thursday, May 9

—General Faculty Meeting. 10 a.m., Tillman Auditorium.

—Black Faculty and Staff Meeting. 4:45 p.m., F-149 P&AS Building. (Cheryl Adams, 656-2714)

Friday, May 10

—Commencement. 11 a.m., Littlejohn Coliseum.

—New Employee Orientation. 8:30 a.m.-noon, Student Senate Chambers. Reservations necessary. (656-2727)

1990-91 fiscal year closing schedule

The year-end closing presents a big challenge to the division of business and finance — the objective is to record all receipts/revenues and disbursements affecting the 1990-91 fiscal year.

Here's a summary of key dates to help you stay on schedule:

April 30

Last day to submit purchase requisitions for information technology equipment and for amounts of \$100,000 or greater.

April 30

Last day to submit manual budget amendments. On-line budget amendments should also be completed.

May 10

Last day to submit purchase requisitions for amounts of \$2,500 or greater but less than \$100,000.

May 15

Last day to submit purchase requisitions for amounts less than \$2,500.

June 28

Last day to deposit receipts/revenues received during 1990-91 fiscal year.

June 28

Last day to receive goods or services for payment to be made against 1990-91 budget.

June 28

Last day to process corrections for transactions dated May 31 or earlier.

July 5

Last day to submit approved interdepartmental charges to billing department.

July 9

Last day to submit disbursement items for 1990-91 fiscal year.

July 22

Last day to process corrections for transactions dated June 1 through June 30.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor, *Clemson Weekly* Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or FAX us at 656-0713.

DEADLINE is FRIDAY, April 26, for May 1 issue.



Clemson

WEEKLY

Vol. 30, No. 34

Wednesday, May 1, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

World-class waste expert joins Clemson's environmental systems engineering program

One of the world's leading authorities on radioactive and hazardous waste will join the University faculty May 15 as South Carolina's first Westinghouse Savannah River Distinguished Scientist.

Frank L. Parker, who will join the environmental systems engineering department of the College of Engineering, will be the first member of the National Academy of Engineering to teach and conduct research in South Carolina.

Parker's research applies to questions of risk measurement and waste management. He said his work at Clemson will focus largely on mixed waste, which contains both radioactive and hazardous substances.

Parker was among the first to study radioactive fallout. He co-authored the first comprehensive analysis of a 1957 nuclear accident in the Soviet Union, long before the Soviet government ever acknowl-

edged it. Years later he visited the site of the 1986 accident at Chernobyl.

Immediately after beginning work at Clemson, he will travel to Moscow for the First International Andrei Sakharov Congress, where he will speak at the invitation of Sakharov's widow, Elena Bonner, on "The Consequences of Chernobyl for the U.S.S.R. and the World."

Parker chairs the Board of Radioactive Waste Management for the National Research Council and headed the 1990 report "Rethinking High-level Radioactive Waste Disposal." That report said the United States' approach to deep geologic waste disposal is unlikely to succeed because of rigid rules based on incomplete information.

Parker received his bachelor's degree from the Massachusetts Institute of Technology and master's and doctoral degrees from Harvard University. He is now a Distinguished

Professor of Environmental and Water Resources Engineering at Vanderbilt

University, where he plans to retain part-time faculty status.

Parker's appointment at Clemson will be the first of eight slots in South Carolina under the



Parker

Distinguished Scientist Program of the South Carolina Universities Research and Education Foundation.

The program allies Westinghouse Savannah River Site with South Carolina universities in attracting distinguished scientists in environmental restoration and waste management.

Staff Commission news:

Director says Fike faculty/staff fees stay the same

User fees at Fike will stay the same for the upcoming year, says Jim Pope, director of intramurals. Pope briefed the Staff Commission April 9 on Fike's services and fees.

Faculty and staff may continue to use the Fike facilities for a \$50 annual fee. The uniform service fee will also go unchanged.

There is, however, one change in the fee policy. Effective July 1, the occasional user and guests of faculty and staff will be charged \$4/day. Previously, there was no charge. Pope said this change will eliminate the embarrassing calls to "occasional" users who become "regulars." There will be no need for cash — faculty and

staff members will be billed at their campus addresses, and the guest fee will be billed to the host.

Clemson's intramurals program is the second largest in the United States, next to Ohio State. This program along with recreational programs and club sports makes this a very busy department — and Fike a very busy place. "We have 5,000 people per day using Fike, and 1,800 per week in aerobics alone," said Pope.

In other business:

- The Policy Committee reported that they are reviewing the makeup of all University committees. They are looking for areas in which classified staff representation is needed but not

currently in place.

- The Policy Committee has also sent to the Faculty Senate a proposal recommending expanded shuttle bus service to the interior portion of the campus.

- The Welfare Committee is planning a survey of campus and the community to determine the level of interest in night classes.

- The Commission heard from Margaret Pridgen, director of constituent communications, about plans for revamping the faculty/staff newsletter.

The next Commission meeting will be Tuesday, May 14, at 10 a.m. This meeting will be in 135 Lehotsky rather than the usual room assignment.

New Faculty Senate leaders take office

The installation of new officers and a visit from University President Max Lennon highlighted the April 9 meeting of the Faculty Senate.

John Luedeman, professor of mathematical sciences and new Faculty Senate president, accepted the gavel from outgoing president Allen Dunn. William Baron, associate professor of civil engineering, is the new vice president and Gerald Waddle, professor of marketing, will serve as Senate secretary.

The introduction of new senators was delayed until the May meeting since some colleges had not held elections.

Lennon came to thank the senators for the time they give to the University. He also encouraged them to continue to work toward improved communication between the faculty and the administration.

In other business, the Senate:

- Passed a resolution requesting that the chair of the Computer Advisory Committee and one representative appointed by the president of the Faculty Senate be added to the Administrative Systems Software Selection Committee.

- Voted to accept the final report of the Task Force on Public Service as a report of the Senate and to forward the report to the provost. This report defines "public service" and addresses the issues of funding for public service projects and counting public service credit toward tenure and promotion.

- Approved two revisions to the Faculty Manual. The first expands the formal review process for department heads from once "before the end of the department head's fifth year in office" to the second and fifth year and every fifth year thereafter. The other change involves the approval of departmental office hours. Office hours policies no longer require the approval of the provost in addition to that of the college dean.



Luedeman, left, accepts gavel from Dunn

- Heard a presentation by Margaret Pridgen, director of constituent communications, on plans for revamping the faculty/staff newsletter. Senators were asked to forward comments to the newsletter staff by early May.

The next Senate meeting will be Tuesday, May 7, at 3:30 p.m., in the Senate Chamber of the University Union complex. This meeting date is a change from the usual schedule of "second Tuesday."

Steam plants shuts down for repairs

The University steam plant will be shut down Saturday, May 11, for repairs. All boilers will be closed down at 6 a.m. and will be back in operation by 11:59 p.m.

The primary inconvenience will be no hot water in campus buildings. Actually, the situation will not be immediately obvious — the water supply will be hot in the early morning but will gradually cool as the day goes by.

Steam is another matter. Once the boilers and the campus distribution system are shut down, there will be no steam. Steam-powered equipment will be inoperable during this 18-hour period. Research projects or other work on campus using steam-pow-

ered equipment should be reviewed and alternate arrangements made.

If the day is an unusually cool one, the temperature in campus buildings will also be a bit cool. The University heats its buildings with steam so there will be no heat. There will be no interruption of electricity, however, so the air conditioning will not be affected.

The Clemson House will be the only campus dining facility open that day. Although the staff may have to make some adjustments in their work routines, the customer won't notice anything different.

Contact Harry Kirby, 656-4942, if you have questions concerning this shut-down.

Clemson will be celebrating National Historic Preservation Week May 6-12 by extending hours at Hanover House and extending a special invitation to graduating seniors to visit the Calhoun House before leaving campus.

"It's something of a tradition with Clemson students that they not enter the Calhoun House while enrolled," said Susan Cline-Cordonier, director of historic houses.

Hanover House will be open weekdays, May 5-10, 10 a.m.-5 p.m. in addition to the usual weekend hours, Saturdays, 10 a.m.-5 p.m., and Sundays, 2-5 p.m.

The John C. Calhoun House, the centerpiece of the Clemson campus, will maintain its regular schedule, Monday-Saturday, 10 a.m.-5 p.m., and Sunday, 2-5 p.m.

1991 Provost Research Awards announced

Xiao-Bang Xu

Electrical and Computer Engineering
A New Computational Method on Determining Electromagnet Scattering from an Inhomogeneous Object Near the Air-Earth Interface

William G. Ferrell Jr.

Industrial Engineering
A Solid Waste Management Planning Decision Support Tool

Mark J. Charney

English
D. W. Griffith, Last of the Great Southern Romantics

Glenn R. Bathke

Agronomy and Soils
Groundwater Pollution Potential Ratings for S.C. Soils

B. Merle Shepard

Entomology
Sampling Techniques for the Diamondback Moth

Arnold G. Eversole

Aquaculture
Age and Growth of Hard Clams in S.C. Tidal Creeks

James R. Frederick

Agronomy and Soils
Identifying Physiological Factors Which Limit Corn Productivity on the Sandy Coastal Plain

Norman F. Knight Jr.

Mechanical Engineering
Impact of Local Design Modifications on the Structural Integrity of a Gas Turbine Subcomponent

John W. Huffman

Chemistry
Marijuana Analogs as Potential Medicinal Agents

Myron F. Floyd

Parks, Recreation and Tourism Management
Life Satisfaction & Leisure Involvement: Racial Differences Among Single-Parents

John W. Silvestro

Electrical and Computer Engineering
A Study of the Interactions of High Frequency Antennas with Their Environment

Richard V. Gregory

Textiles
Production and Characterization of Pure Electrically Conductive Polymer Fibers

Howard W. Fescemyer

Entomology
Synthesis of an Insect Neurohormone Using Genetic Engineering

Lawrence LaForge

Management
Simulation of an Order-Driven Manufacturing Environment

Nancy M. Longcler

Nursing
The Use of a Computer System to Reduce S.C.'s Cardiovascular Risk Factors: A Pilot Test

Syble Oldaker

Nursing
Health Risk of Dominican Adolescents: An Ethnography

Martine LaBerge

Bioengineering
Antibiotic Delivery System for the Reconstruction of Infected Bone Defects

Leonard J. Greenspoon

Philosophy and Religion
An Oral History of Bible Translating and Translators

S. Rose Matic

Textiles
Determination of Fineness and Maturity Using Image Analysis System for Optically Treated Cottons

Edward E. Ruppert

Biological Sciences
Evolution and Functional Significance of Cerebrospinal Circulation in Primitive Vertebrates

Vasanti M. Gharpuray

Bioengineering
A Self-Reinforced Cement for Implant Fixation

Paul F. Joseph

Mechanical Engineering
Surface Cracks in Residually Stressed Plates — A Problem of Crack Contact

Benjamin R. Stephens

Psychology
Models of Adult Pattern Vision in Military Applications

Thomas E. Lacher Jr.

Archibold Tropical Research Center
Ecology and Conservation of the Vertebrates of the Savannas of Central Brazil

William B. Miller

Horticulture
Mannitol Metabolism in Higher Plants

Attention faculty

The faculty procession will take an alternate route to graduation this year. Instead of marching through the tunnel into Littlejohn Coliseum as in years past, the faculty will make its entrance from the concourse.

Faculty should arrive at Littlejohn by 10:15 a.m. and enter through gates 1 and 2. The line will form on the concourse. At the appointed time, faculty members will proceed through portal X into the arena and walk down to the usual sections reserved for faculty.

At the same time, the seniors will come through the tunnel and take their seats on the arena floor.

The graduating class is so large this semester that much of the floor space was needed for extra seating — aisle space is at a premium.

Graduation rehearsal will be Wednesday, May 8, at 1:30 p.m. College marshals as well as banner bearers are encouraged to attend to become familiar with the new route.

Dates to remember:

Send events to "Master Calendar," Clemson Weekly, Alumni Center

Through June 6

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Institute Building. (656-0665)

Through June 21

—Exhibit: "Symmetry of the Classical Solids" featuring the Walter Benson Collection of Geometric Art. Front lobby, Cooper Library. (656-0665)

Sunday, May 5

—Baseball: Duke. 7 p.m., Tiger Field. (656-2114)

Monday, May 6

—Baseball: Duke. 7 p.m., Tiger Field. (656-2114)
—Seminar: "Fungal Polyketide Toxins: Biosynthesis and Role in Plant Disease" by Olen Yoder, plant pathology department, Cornell University. 11 a.m., F-149 Poole Agricultural Building. (Howard Fescemyer 656-3111)

Tuesday, May 7

—Faculty Senate Meeting. 3:30 p.m., Student Senate Chambers, University Union. (John Luedeman, president, 656-2456) *This is a change from the usual schedule of second Tuesday.

—First Tuesday Briefing: Ron Kendall, director of TIWET. Noon, Alumni Center. Bring your own lunch. (Alumni Center, 656-2345)
—Baseball: Duke. 3 p.m., Tiger Field. (656-2114)
—Employee Training: "Crime Prevention and Survival." 10 a.m.-11 a.m., Poole Room, Clemson House. Reservation required. (656-2727)

Thursday, May 9

—General Faculty Meeting. 10 a.m., Tillman Auditorium.
—Black Faculty and Staff Meeting. 4:45 p.m., F-149 P&AS Building. (Cheryl Adams, 656-2714)

Friday, May 10

—Commencement. 11 a.m., Littlejohn Coliseum.
—New Employee Orientation. 8:30 a.m.-Noon, Student Senate Chambers. Reservation required. (656-2727)

Tuesday, May 14

—Commission on Classified Staff Affairs meeting. 10 a.m., 135 Lehotsky Hall. (Ruth Taylor, chairperson, 656-5174)

Wednesday, May 15

—Employee Training: "Personal Financial Management." 9 a.m.-4 p.m. Reservation required. (656-2727)

Friday, May 17

—Baseball: Southern Conference Champion. 7 p.m., Tiger Field. (656-2114)

Saturday, May 18

—Track: Clemson Track Classic. Noon. Track is located next to football practice fields. (656-2114)

Sunday, May 19

—Baseball: Southern Conference Champion. 2 p.m., Tiger Field. (656-2114)

Monday, May 20

—Summer School Registration.
—Employee Training: "Working with Difficult People." 9 a.m.-4 p.m., Lehotsky Auditorium. Reservation required. (656-2727)

Tuesday, May 21

—Summer Session classes begin.

Send 1991-92 Calendar Items NOW

We are compiling the University "Master Calendar" for 1991-92 right now. This listing will be printed as an annual calendar this summer and will be used as the basis for all calendars in University periodicals throughout the year.

Send your items in writing to:

"Master Calendar"
Beth Jarrard, Editor
Clemson Weekly
Alumni Center

Be sure to include the type event (concert, seminar, lecture, etc.), the title (if any), the date, time and place, price of admission, ticket or reservation information, and the name and phone number of a contact person.

Remember to let us know if your plans change so that we can change the "Master Calendar."

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or FAX us at 656-0713.

DEADLINE is FRIDAY, May 3, for May 15 issue.

Clemson

WEEKLY

Vol. 30, No. 35

Wednesday, May 8, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Rostenkowski, McCall to get honorary degrees

Congressman to address graduates May 10

Clemson will honor a U.S. congressman and a Charlotte businessman during commencement May 10.

U.S. Rep. Dan Rostenkowski, chairman of the House Ways and Means Committee, and Bill McCall, executive director of The Duke Endowment, will receive honorary degrees during the 11 a.m. ceremony in Littlejohn Coliseum.

Rostenkowski, who will receive an honorary Doctor of Laws degree, will also deliver the commencement address. The Illinois Democrat has chaired the House Ways and Means Committee since 1981. He was elected in 1958 as the youngest member of the 86th Congress and re-elected to each succeeding Congress.

Before his election to national office, Rostenkowski was a representative and senator in the Illinois General Assembly. He attended St. John's Military Academy and Loyola University in Chicago.

McCall, a 1950 Clemson honor graduate, will receive an honorary Doctor of Humanities degree. The Ellerbe, N.C., native became director of the billion-dollar Duke Endowment, benefactor to North and South Carolina institutions and agencies, in 1990. He has worked with the organization since 1954.

McCall has received many honors, including Distinguished

Service Awards from Duke University and the S.C. Hospital Association and a Meritorious Service Award from the N.C. Hospital Association.

The President's Award, honoring significant personal commitment to and support of the University, will be presented to alumni Robert Brooks of

Fayetteville, Ga., and William Sturgis and Wilson Wearn of Greenville.

Brooks is president and founder of Eastern Foods Inc./Naturally Fresh. Sturgis is vice president of W.R. Grace & Company and president of its Cryovac Division. Wearn is chairman emeritus of Multimedia Inc.

Facilities committee approves site for military heritage park

The University Facilities Planning Committee voted April 17 to approve, in concept, the idea of having a campus monument to Clemson's military heritage. The committee also approved, on first reading, a site immediately in front of Tillman Auditorium.

Under the committee's procedures, the site proposal still must pass a second reading and be circulated around campus for comment. Final approval of the site could not come before the committee's June meeting.

The Army ROTC department has been working for 10 months on ideas for a veterans/cadets memorial. The Class of 1951 is interested in supporting the open-air monument as a class fund-raising project. (Clemson operated under a military system of discipline from 1893 to 1955.)

Army Col. Greg Clodfelter spoke in support of a proposed site between Cooper Library and the Strom Thurmond Institute. A third site — the area between the University Union, Tillman Hall and Brackett, including the "phantom" parking lot — was also considered.

Campus planner Mark Wright said a "Military Heritage Plaza" at the Tillman site would help create a badly needed entrance area to Tillman

Auditorium (formerly Memorial Chapel). The site is also in the historic heart of campus overlooking the traditional cadet parade ground, Bowman Field.

"It would be nice if we could dedicate it in 1993, the 100th anniversary of the first cadets' arrival," said Air Force Col. Ben Hunnicutt.

In other action the committee:

- approved relocating the automatic teller machines near Johnstone and the Calhoun home to a site in front of the Dillard building (laundry). Normal procedures and comment time were waived so that the ATMs could be moved quickly with a minimum of down time. Demolition of two sections of Johnstone begins next week.

- approved on first reading a site off the main campus near the Ravenel Research Center to relocate all Facilities Maintenance and Operations shops and facilities, transportation services (the motor pool) and University warehouse activities. A site off U.S. 76 near the entrance to campus was formerly considered, but the Ravenel site is less visible and is not adjacent to residential areas.

- passed on second reading the proposed relocation of a housing warehouse.



Rostenkowski



McCall

Livestock arena to be dedicated on animal science field day

The University's new livestock arena will get a good workout May 17. Activities ranging from medieval lancing to sheep-dog herding will highlight Clemson's animal, dairy and veterinary science field day.

The eighth annual field day will begin at 8:30 a.m. at the T. Ed Garrison Livestock Arena off U.S. Highway 76 between Clemson and Pendleton. A dedication ceremony of the new facility will be part of the day's activities, says organizer Dee Cross.

The field day is free and open to the public. Early registrants will receive door prizes, ranging from caps and buckles to pens, Cross says.

Educational tours from 8:30-10:45 a.m. will focus on animal agriculture, myths and facts; biostimulation in beef cattle; the shark as a unique model for research in animal agriculture; and cattle in vitro fertilization.

Vans will leave the arena at 10 a.m. to offer participants a tour of one of three facilities: the new Equine Research Center, the new swine

research facilities, and the Antique Agriculture Museum in Pendleton.

The dedication ceremony for the newly constructed T. Ed Garrison Livestock Arena is set for 10:45 a.m. Speakers include President Max Lennon, and former state senator T. Ed Garrison of Anderson, for whom the arena is named.

A free beef and pork lunch will be served from 11:30 a.m. to 12:30 p.m.

After-lunch shows include a team roping demonstration by Poag Reid and Alice Farms; a sheep-dog herding show by Langston's Sheep Dogs; and a lancing show by the Cedar Swamp Lancers dressed in the regalia of medieval knights.

Webb's Belgian horses of Salley, will be available for rides, Cross says.

The Gold Kist Young Folks Animal Day will be held in conjunction with the field day. Children through grade six can enjoy learning about today's farm animals during the field day, he says.

For more information, contact Dee Cross at 656-5155.



Peggy Black started work at Clemson on October 23, 1950, as a typist in the University library — her first job was typing cards for the card catalog. She has remained with the catalog department all these years, assisting its transformation from a labor-intensive, manual operation to a sophisticated automated system.

Black is pictured with Joe Boykin (left), director of University libraries, and President Max Lennon, who presented her with a 40-year service pin and certificate at a recent reception in her honor.

Attention football fans

Friday, May 17, is the deadline for faculty and staff to order discounted season tickets for the 1991 football season.

The athletic department recently mailed ticket information to faculty and staff. If you did not receive an order form or if you need additional information, call the athletic ticket office (656-2118).



Vice president for administration Hugh Clausen recently presented service certificates to police department staff members at a recognition breakfast. The five employees have given a total of 70 years of service to the University. Pictured from left to right: Sgt. Mary Jane McMahan (20 years), Clausen, administrative assistant Shirley Hester (20 years), Capt. Mac McCrary (10 years) and Lt. Thea McCrary (10 years). Lt. Randy Holladay (10 years) was not present when photograph was made.

Departmental notes

Agricultural and Biological Engineering

The following papers were presented at the 1990 International ASAE winter meeting in Chicago, Ill., in December:

- "Soil Compaction and Crop Response to Wheat/Soybean Interseeding" by A. Khalilian (Assoc Prof, Edisto REC), C.E. Hood (Prof), J.H. Palmer (Prof, Agronomy), T.H. Garner (Prof) and T. Whitwell (Prof, Horticulture).

- "Evaluation of an Expert System to Diagnose Sprayer" by Y.J. Han (Asst Prof), G. Christenbury (Prof) and F. Wolak (Prof).

- "Runoff and Erosion Control Using Furrow Diking in Humid Regions" by J.C. Hayes (Assoc Prof) and H. Jimenez (Grad Stu).

- "Density Effects on Airflow Rates on Tobacco Barns" by E. McDowell (Fmr Grad Stu), J.M. Bunn (Prof) and J.G. Alphin (Prof, Pee Dee REC).

- "Double-Cropping Interseeding System for Wheat, Soybeans, and Cotton" by Hood, Khalilian, Palmer, Garner, T.R. Garret (Inst) and Hayes.

- "A Technique for Predicting Advective Transport in Aquacultural Ponds" by K.W. Martin (Grad Stu), J.L. Dunlap (Inst Suprv) and D.E. Brune (Prof).

- "Plastic Films as Plant Tissue Culture Vessels" by S.A. Hale (Vstg Inst) and R.E. Young (Prof).

- "LAN-Based Automated Data Management" by J.L. Dunlap (Inst Suprv), S.A. Hale (Vstg Inst), R.G. Hammond (Prog Analyst) and Young.

- "Effects of Hurricane Hugo on Agricultural Structures" by J.D. Harmon (Asst Prof), G.F. Grandle (Assoc Prof, Univ of Tenn) and C.L. Barth (Ret Prof).

- "Modification of Properties of Edible Wheat Gluten Films" by A. Grennadios (Grad Stu), C.L. Weller (Asst Prof) and R.F. Testin (Assoc Prof).

- "Design Concepts for Lactose Hydolosis" by H.J. Wang (Grad Stu) and Weller (Asst Prof).

The following papers were presented at the 1990 International ASAE summer meeting in Columbus, Ohio, in June:

- "Reducing the Environmental Impact of Shrimp Pond Discharge" by D.E. Brune (Prof).

- "Liquid Spectral Filtering for Greenhouses: Regulation of Photomorphogenesis in Plants" by R.K. Pollock (Grad Stu), Young, Bunn, M.J. McMahon (Grad

Stu, Horticulture), and J.W. Kelly (Assoc Prof, Horticulture).

- "Performance of a Caged Brooding Facility" by W.H. Allen (Prof) and B.L. Hughes (Prof, Poultry Science).

The following papers were presented at the 1990 World Aquaculture Society meeting in Halifax, Nova Scotia, in June:

- "Enhancing the BOD Sedimentation Rates of Shrimp Pond Discharge Water with Cationic Polymers and Metal Salts" by Brune and J.S. Hopkins (Waddell Research Center, Bluffton, S.C.)

- "Hydraulic Modeling of Induced Mixing Dynamics in Aquaculture Ponds" by K.W. Martin (Grad Stu) and Brune.

- "Wastes from Aquaculture," Technology Transfer session, by Brune.

Agricultural and Applied Economics

J.E. Reynolds (Prof, Univ of Fl) and B.L. Dillman (Prof) published "Urban Land Conversion in Florida's Metropolitan Areas" Staff Paper 401, Food and Resource Economics Dept., Univ of Fla.

E.A. McClain (Asst Prof) presented "Opportunities for International Trade and Exporting" at a conference on "Atmosphere for Aquaculture in the 1990s" in Hilton Head in January.

Agricultural Chemical Services

R.M. Lippert (Lab Dir) chaired the Mid-Atlantic Soil Test and Plant Analysis Workgroup and presented "A Comparison of the Mehlich vs. Adams-Evans Method for Determining Lime Requirement" in Richmond, Va., in February.

Architectural Studies

D.L. Collins (Prof) and H.C. Harritos (Assoc Prof) received Honorable Mentions from the American Institute of Architects at the 1991 Education Honors Awards held in Washington, D.C., in February, for their joint submittal, MASKS, an aspect of a course offered at Clemson.

Ceramic Engineering

B.I. Lee (Asst Prof) presented "Ceramic Composites from Organometallic Precursors" at the 5th International Conference on Ultrastructure Processing of Ceramics, Glasses, and Composites in Orlando, Fla., in February.

Civil Engineering

L.C. Bell (Liles Dis Prof) was the keynote speaker at the National Institute of Standards and Technology (NIST) Building Technology Symposium, "Expert Systems as a Design Tool," in March.

Electrical and Computer Engineering

M.H. Yaktieen (Asst Prof), P.J. McNulty (Dept Hd, Prof, Physics & Astronomy), W.G. Abdel Kader (Res Assoc, Physics & Astronomy), and S.S. El-Teaty (Jackson State Univ) published "Charge Collection in Partially Depleted Gas Structures Induced by Alphas, Heavy Ions, and Protons" in *Applied Physics*.

Environmental Systems Engineering

T.J. Overcamp (Prof) published "Diffusion Models for Transient Releases" in the *Journal of Applied Meteorology*.

Finance

M.W. Marr Jr. (First Union Prof, Banking) published:

- "The Institutional Investor Response to Corporate Restructuring and the Overturning of SEC Rule 19c-4," co-authored by H.D. Sherman, in *Insights*.
- "Management Accountability" in *Issue Alert*.

Performing Arts

D. Geddes (Asst Prof) presented "Enhancing the Self Esteem of At-Risk Children" at the Speech Communication Association of Puerto Rico in San Juan in December.

P. Kellett (Asst Prof) published "The Process of Organizational Sense Making: A Semiotic Phenomenological Model," in *Organization — Communication: Emerging Perspectives*.

L. Harder (Assoc Prof):

- Adjudicated the Greenville Symphony Piano Festival at Bob Jones University in January.

- Was elected vice president (program) of the South Carolina Music Teachers Association at the annual convention at Converse College in November.

University recognizes safe drivers

The department of risk management and safety recently recognized 108 staff members with Safe Driver Awards. Clemson Mayor Larry Abernathy presented the certificates and lapel pins at a ceremony on April 10 honoring the following employees:

Thirty-Year Award • Manzo Crooks Jr., Frank Crane and Thomas Roach. • **Twenty-Year Award** • Claude Patterson, Walter Walker, Ronnie Hood, Gerald Kirby, Billy Joe Gossett, Doyce Graham Jr., Joe Terry and Leonard Parks. • **Fifteen-Year Award** • Edward George, Roy James, Thomas Gibson, Bill Nix, Garry Weeden, Hank Goodman, Charles Long, Ernest McAbee and James Rampey. • **Ten-Year Award** • Furman Shedd, Tyrus Land, Wayne Wilson, Allan Garrett, Ottie Dickerson, David Harshman, Irving Harrington, Mike Rowland, Jimmy Timms, Dewey Barefield Jr., Richard Gambrell, Charles Martin, Benjamin Morton Jr., Edward Murdock, James Reid, James Rice, Paul Williams Jr. and Milton Lore. • **Five-Year Award** • Russell Poole, Kenneth Norton, Duff Burgess, Morrison Hunnicutt, Willie McCall, Dennis Nash, Ronald Dickson, Leland Herring, William Orr, Monty Marcengill, Hershel Pearson, Hoke Cox, Tobie Dillard, Hugh Williamson,

Kevin Woody, Wofford Powell, Roy Tench, Stanley Crawford, John Telley, Ronald Lyda, Harold Smith, Johnny Vissage, William Driver, Otis Durham, James Parker, William Rackley, John Shirley Jr., John Wiley, Jack Abraham, Darryl Burgess, Morris Long, Jake Harbin, Stanley Justice, Nick Wiggins, Ron Gibson, James Gowan, Robert McGuffin, Betty Parker, Johnnie James, Emerson Shipe, William Stringer, Stephen Wagner, Larry Spearman, Leonard Holder and David Stokes. • **One-Year Award** • James Atkinson, Earl James, Christopher Evatt, Jerry Whitmire, George Sloan, Scott Martin, Charles Poole, Robert Bogan, Samuel Bond, Steven Wilson, Roy Addis, Ervin Johnson, Bobby Watkins, Richard Ogburn, Jack Davis, Donald Sanders, Charles Dial, William Hood, Ronald Oates, Frederick Singleton, Tracy Page, Scooter Bridges, Susan Wardlaw, Jessie Martin and Margie

Remember to send your 1991-92 calendar items now to: "Master Calendar" c/o E. J. Jarrard, *Clemson Weekly*, Alumni Center.

Dates to remember:

Through June 21

—Exhibit: "Symmetry of the Classical Solids" featuring the Walter Benson Collection of Geometric Art. Front lobby, Cooper Library. (656-0665)

Friday, May 10

—Commencement. 11 a.m., Littlejohn Coliseum.

—New Employee Orientation. 8:30 a.m.-Noon, Student Senate Chambers. Reservations necessary. (656-2727)

Tuesday, May 14

—Commission on Classified Staff Affairs meeting. 10 a.m., 135 Lehotsky Hall. (Ruth Taylor, chairperson, 656-5174)

Wednesday, May 15

—Employee Training: "Personal Financial Management." 9 a.m.-4 p.m. Reservations necessary. (656-2727)

Friday, May 17

—Baseball: Southern Conference Champion. 7 p.m., Tiger Field. (656-2114)

—Animal Science Field Day. See page 2 for information.

Saturday, May 18

—Track: Clemson Track Classic. Noon. Track is located next to football practice fields. (656-2114)

Sunday, May 19

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Monday, May 20

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—Employee Training: "Working with Difficult People." 9 a.m.-4 p.m., Lehotsky Auditorium. Reservations necessary. (656-2727)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or FAX us at 656-0713.

DEADLINE is FRIDAY, May 10, for May 22 issue.



Clemson

WEEKLY

Vol. 30, No. 36

Wednesday, May 15, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson families still awaiting the return of troops in the Gulf

Cities across the country have staged parades and rallies to welcome home Desert Storm troops. The television networks have aired star-studded specials to celebrate the end of the war, and Gen. Schwarzkopf himself has returned to the states.

But the yellow ribbons are still flying for several Clemson employees and relatives of staff members.

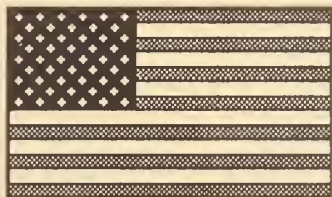
Helena Douglas and Marcella and Jerry Jordan have June 15 circled on their calendars. That's the rumored arrival date for their Marine Reservist sons.

Douglas' son, Lance Cpl. Robert Douglas, was activated in December. The Jordans' son, Cpl. Derrick Jordan, withdrew from the University during fall semester. Both reported for active duty in the Gulf.

Helena Douglas is assistant director of the office of professional development. Marcella Jordan works with business and financial affairs, and Jerry Jordan is data processing manager of records and registration in student affairs.

Cindy Wade, administrative specialist in parking services, is still awaiting the return of her brother, Steve Bell, an Air Force computer technician. Wade says her brother, a bachelor, is anxious to leave Saudi Arabia for many reasons — including the opportunity for a more normal social life. After a lengthy stay in Alaska, he had been reassigned to Nebraska. Only two weeks after arriving in the heartland he was sent to the Persian Gulf.

Angela Jones, a facilities maintenance and operations employee, went to Saudi Arabia as Supply Sgt. Jones.



Her Army Reserve transportation unit is still in Saudi Arabia.

Jay Fields, an assistant area Extension agent in Hampton County, was deployed with his Army Reserve unit and is still serving in Saudi Arabia.

The news is better for other Clemson staff and faculty who sent loved ones to the Gulf:

Dick Simmons' (personnel administration) son, Trevor, enjoyed an April reunion in Clemson with an expanded Simmons family — Trevor's wife gave birth to a baby girl while he was away.

Larry Reamer's (professor emeritus, forest resources) son, Karl Derrick, returned home safely with his unit, the 82nd Airborne.

Sherita Acker (Dropout Prevention Center) welcomed her brother, Samuel Wakefield Jr., home in March.

Nancy Carls' (College of Nursing, instruction department) son, Michael, is home and counting the days til his June 14 discharge from the Marines.

Annette Carver's (TIWET) Army Reservist brother, Timothy, was processed through Fort Jackson on April 27 and has returned to civilian life.

Linda Gilbert (accounting services) has not seen her brother, Willie Gary Jr., but she knows he is safe at his base in Germany.

Ed Hamilton's (Strom Thurmond Institute) son, Robert, returned to Fort Stewart on March 22. He was at the Institute recently to discuss his experiences with the 24th Mechanized Infantry Division.

Jo Ann Greenwood (4-H and youth development) reports that her brother, James Burch, came home in April.



Major Gen. Winston Porter Jr. of Fort Rucker, Ala., came to Clemson to present head football coach Ken Hatfield with a certificate of appreciation for contributing to a "Cassette from Home" for men and women of the 121st Army Reserve Command. Hatfield was one of several college football coaches approached by Porter to tape a morale-boosting message for the troops deployed in Saudi Arabia.

Bernideane Williams' (custodial services) son, Keels Edward, has returned to Germany with his unit.

Carolyn Williams' (computer science) son, Scott, is enjoying a 30-day leave at home in Clemson.

DeKores Chisolm (Edisto Research and Education Center) was activated with her Air Force Reserve unit and provided stateside support at Eglin Air Force Base, Fla.

Departmental notes

Animal, Dairy & Veterinary Science

At the annual meeting of the Southern American Dairy Science Association in Fort Worth, Texas, in February:

- **F.E. Pardue** (Prof) was elected president of the Southern ADSA for 1991-92.

- **Pardue** chaired the session "Production - Stress Conditions of Lactating Dairy Cows."

- **Pardue** presented "Relationship Between Environmental Temperature and Production and Intake in Cows Treated with Bovine Somatotropin" and "Estimation of Quality of Different Corn Varieties Harvested as Silage."

- **J.A. Bertrand** (Asst Prof) chaired the Extension Session and presented "Characterization of High-Producing Jersey Herds" and "The Cost of Producing Milk on South Carolina Dairy Farms."

- **B.F. Jenny** (Prof) was elected faculty advisor for the Southern Student Affiliate Division - ADSA for 1991-92.

Archbold Tropical Research Center

T.E. Lacher, Jr. (Dir) presented "Conserving Biological Diversity through Cooperative Training Program" and "Conservation and Environmental Problems in the Brazilian Pantanal" at the Second International Symposium of the Latin American Mammalogy in Buenos Aires, Argentina, in July.

Lacher published:

- "Mammalian Conservation in the Pantanal of Brazil," co-authored with C.J.R. Alho (World Wildlife Fund - Brazil), in *Latin American Mammalogy: Topics in History, Biodiversity, and Conservation*.

- "National and International Cooperation in Wildlife Management and Conservation at a Brazilian University," co-authored with G. Fonseca, C. Valle and A. Fonseca (Federal Univ of Minas Gerais), in *Latin American Mammalogy: Topics in History, Biodiversity, and Conservation*.

- "Food Selection of a Tropical Folivore in Relation to Leaf Nutrient Content," co-authored by M. Willig (Texas Tech Univ), in the *Journal of Mammalogy*.

- "Ecological Modeling, Population Ecology, and Wildlife Toxicology," co-authored with R.J. Kendall (Dir, TIWET), in *Environmental Toxicology and Chemistry*.

Bioengineering

At the annual meeting of the American Academy of Orthopaedic Surgeons in Anaheim, Calif., in March, **R.L. Dooley** (Prof) presented:

- "Automated Scanning and Digitizing Radiographics for Documentation and Research," co-authored with C.E. Engel and M.E. Muller of the M.E. Muller Foundation, Berne, Switzerland, to the Hip Society.

- "Data and Image Documentation Center," co-authored with Engel and Muller, to the Orthopaedic Trauma Association.

Dooley presented "Custom Implant Design" at the "State-of-the Art in Total Joint and Replacement" symposium sponsored by the Harrington Arthritic Research Center in Phoenix, Ariz., in November.

S.W. Shalaby (Prof) was the invited lecturer at the biomedical engineering and applied sciences departments at the University of North Carolina, where he discussed "Educational and Research Opportunities in Biomaterials."

Chemical Engineering

C.H. Gooding (Assoc Prof) presented "Mass Transfer Characteristics of a New Pervaporation Module for Water Purification," co-authored with P.J. Hickey (Grad Stu) and M.L. Crowder (Grad Stu), at the Fifth International Conference on Pervaporation Processes in the Chemical Industry in Heidelberg, Germany, in March.

Hickey received a student paper award and travel grant from the conference organizers and presented "The Separation of Butanol-Water Solutions by Pervaporation: A Comparison of Silicone Based Membranes," co-authored by C.S. Slater (Assoc Prof, Manhattan College).

Chemistry

K. Dill (Assoc Prof), **D.W. Bearden** (Instr/Dir NMR Lab), **L. Huang** (Grad Stu), **E.L. McGown** (Chief, Chemistry Branch, Letterman Army Inst of Res), and **R.J. O'Connor** (Res Scientist, LAIR) published "Activation Energies and Formation Rate Constants for Organic Arsenical-Antidote Adducts as Determined by Dynamic NMR Spectroscopy" in *Chemical Research in Toxicology*.

R.K. Dieter (Assoc Prof) received a three-year grant of \$171,800 from the National Science Foundation to support studies on "Chiral Organocuprates for Asymmetric Conjugate Addition Reactions." A paper, "Asymmetric Conjugate Addition Reactions with Chiral Amidocuprates: The Effect of Cu(I) Salts and Coordinating Heteroatoms" by **Dieter**, **Bharat Lagu** (Grad Stu), **Niranjan Deo** (Grad Stu) and **J.W. Dieter** (Post Doc) appeared in *Tetrahedron Lett*.

Computer Science

E.O. Hare (Asst Prof) presented "R Packing of Pm X Pn" at the Twenty-Second Southeastern International Conference on Combinatorics, Graph Theory and Computing, at Louisiana State University in Baton Rouge, La., in February.

H.C. Grossman (Assoc Prof) presented:

- "The TECNET MSTIRC Retrieval System" at the MSTIRC CRB meeting at the Atlantic Underwater Test & Evaluation Center, West Palm Beach, Fla., in February.

- "IRDOC Status/Enhancement Report," along with **E. Clegg** (Grad Asst), to the Documentation Group of the Range Commanders Council at Onizuka Air Force Base, Calif., in March.

- "The TECNET Interrange Document Retrieval System" to the Documentation Group Meeting at the Consolidated Space Test Center at Onizuka Air Force Base, Calif., in March.

J.D. McGregor (Assoc Prof) led a panel on "Administrative Issues in Undergraduate Programs in Computer Science" at the SIGCSE symposium in San Antonio, Texas, in March.

S.T. Hedetniemi (Prof) presented "Minus Domination in Graphs" at the Sixth International Las Cruces Symposium on Graph Theory in Computer Science and Chemistry in Las Cruces, N. M., in March.

Earth Sciences

G.M. Haselton (Prof) and **B.K. Fowler** published "Stratigraphy in the Lower Peabody Valley Gorham, New Hampshire, U.S.A." in *Northeastern Geology*.

English

C. Ward (Assoc Prof) reviewed the film "Harriette Arrow Simpson" in *Southern Quarterly*.

H.B. Bryant (Prof):

- Served as an adjudicator for the Charleston auditions of the South Carolina Governor's School for the Arts in January.
- Chaired a panel on Modern British Literature at the 15th annual meeting of the Philological Association of the Carolinas at UNC-Charlotte in February.

B. Daniell (Asst Prof) participated in the roundtable discussion "Composition, Critical Theory, and the Institutional Text" in Boston, Mass., in March.

R. Moran (Prof, Asst Dean) published: "Conversation and Companionship" in *Phoebe, The George Mason Review*.

- Gave a poetry reading in "The Back Room" series sponsored by the Friends of the Florence County Library in February.

R.J. Calhoun (Alum Prof):

- Was elected to the editorial board of the *South Atlantic Review*, the official publication of the South Atlantic Modern Language Association.

- Was reappointed editor for contemporary poetry for American Literary Scholarship, the annual bibliography published by Duke University Press for the American Literature Group of the Modern Language Association.

D. Tillinghast (Assoc Prof) gave poetry readings for:

- The Poetry Society of South Carolina, Charleston.
- South Carolina Public Radio, WSCI, Charleston.
- Foothills Writers Guild, Anderson.
- Lander College, Greenwood.
- Poetry Society of Georgia, Savannah.
- NBC TV: WSAV, Savannah, Ga.

Tillinghast published:

- "It Occurs to Us" in *The State Street Reader, An Anthology*, Brockport, New York.

- "Without a Fall" in *Georgia Journal*.

Fertilizer & Pest Control

V. McCaskill (Dept Hd) presented "Media Coverage of Environmental Issues" at the Southern Region Meeting of Agricultural Communicators in Education in Lexington, Ky., in April.

Forest Resources

The following papers were presented at the 6th Biennial Southern Silvicultural Research Conference in Memphis, Tenn., in October:

- "Response of Shortleaf Pine (*Pinus echinata* Mill.) to Acid Rain and Ozone" by V.B. Shelburne (Asst Prof), J. C. Reardon (Res Assoc, Assoc Prof) and V.A. Paynter (Vstg Assoc Prof).

- "Implications for Forest Management" by C.W. Hedman (Grad Asst) and D.H. Van Lear (Prof).

These presentations were made at the Georgia-South Carolina Forest Landowner Seminar in Savannah, Ga., in February:

- "Working with Nature: Managing Pine-Hardwood Mixtures" by J.L. Haymond (Asst Prof).

- "Forestry and the Federal Income Tax" by G.D. Kessler (Prof).

- "Using Herbicides in the Forest Environment: An Overview" by L.R. Nelson (Asst Prof).

A.P.C. Marsinko (Assoc Prof), J.H. Syme (Lect) and R.A. Harris (Res Assoc/ Assoc Prof) published "Cypress: A Species in Transition" in the *Forest Products Journal*.

Libraries

P. Pivorum (Slide Curator, Gunning Architectural Library) presented "Summary of Pilot Slide Automation Project Using NOTISS On-Line Library System" at the Southeastern College Art Conference in Atlanta, Ga., in October.

Livestock Poultry Health Service

E. Goodman (Veterinarian) conducted the seminar "Developing an Effective Disease Reporting and Control for Farm Animals" at the Western Region Foreign Animal Disease Diagnosticians Training Course in Salt Lake City, Utah, and at the Central Region course in Tulsa, Okla.

**PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS**

Clemson University invites nominations and applications for the position of Provost and Vice President for Academic Affairs. Clemson is a comprehensive, land-grant institution committed to excellence in teaching, research and public service. Clemson is located in the upstate of South Carolina and enrolls approximately 12,500 undergraduate and 3,600 graduate students.

As the chief academic officer reporting to the President of the University, the Provost/Vice President's administrative leadership responsibilities include planning and developing academic programs, fostering the academic growth and development of faculty and students, formulating and executing academic policies, and budgeting for and administering academic programs and related research and institutional activities.

Minimum qualifications include:

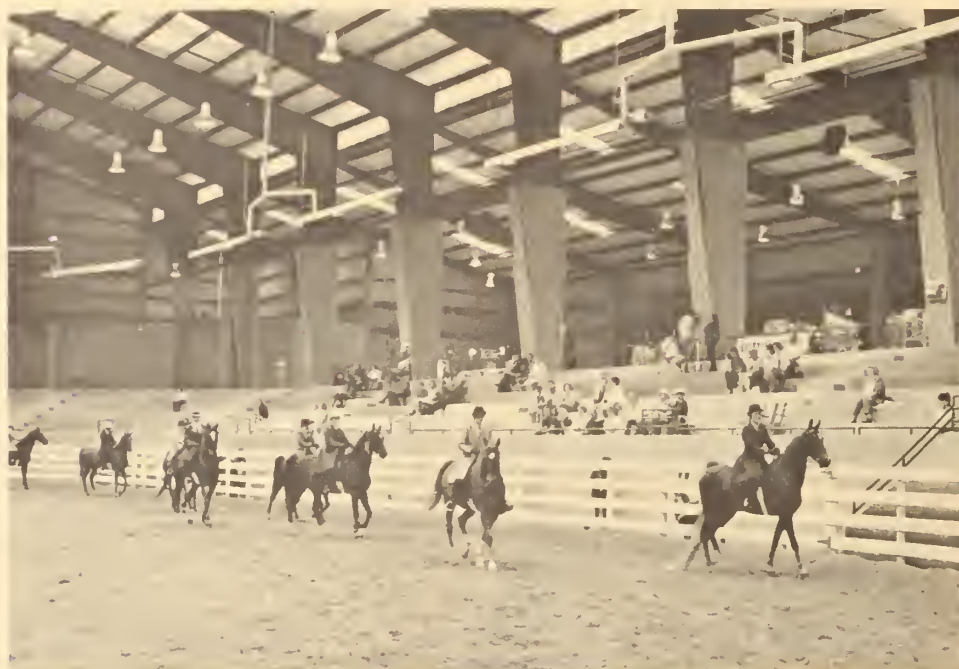
- a terminal degree with a strong academic background and a distinguished record of professional accomplishments in scholarship and academic pursuits;
- academic credentials and previous faculty teaching experience that merit a tenured appointment at the rank of professor;
- significant academic administrative experience with demonstrated excellence and achievement;
- ability to work effectively with faculty and administration in academic matters;
- high ethical standards and personal integrity; and
- an understanding of the role and mission of a land-grant institution.

The salary will be commensurate with experience and qualifications. The screening of candidates by the Search Committee will begin on June 15, 1991, and will continue until the position is filled. Applications and nominations should be submitted to:

Dr. Ryan C. Amacher, Chair
Provost/VP Search
Office of the President
Clemson University
Post Office Box 992
Clemson, SC 29634-0992

CLEMSON UNIVERSITY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

This advertisement will run during May in *Black Issues in Higher Education* and *The Chronicle of Higher Education*. Screening of nominees by the Provost Search Committee begins June 15; the group's next meeting is July 9. Garth Spencer, Alumni Professor of Chemistry, has been added to the committee.



The T. Ed Garrison Livestock Arena will be dedicated May 17 during Clemson's eighth annual animal, dairy and veterinary science field day. Activities begin at 8:30 a.m. at the arena off U.S. Highway 76 between Clemson and Pendleton. The field day is free and open to the public. Call 656-5155 for details.

Workshop: "Choosing a College Major"

College-bound sons and daughters of the faculty and staff are invited to attend a workshop, "Choosing a College Major," on Saturday, May 25.

The program is sponsored by the career planning department of The Career Center and will include career interest testing and interpretation, and familiarization with career planning resources located on campus. The three-hour workshop will begin at 9 a.m. The cost is \$50 per person. Call Lynne Marcus at 656-0335 for reservations or more information.

Dates to remember:

Friday, May 17

—Baseball: Southern Conference Champion. 7 p.m., Tiger Field. (656-2114)

—Animal, Dairy and Veterinary Science Field Day. Begins at 8:30 a.m., T. Ed Garrison Livestock Arena. (656-5155)

Saturday, May 18

—Track: Clemson Track Classic. Noon. Track is located next to football practice fields. (656-2114)

Sunday, May 19

—Baseball: Southern Conference Champion. 2 p.m., Tiger Field. (656-2114)

Monday, May 20

—Summer School Registration.
—Employee Training: "Working with Difficult People." 9 a.m.-4 p.m., Lehotsky Auditorium. Reservations necessary. (656-2727)

Tuesday, May 21

—Summer Session classes begin.

Wednesday, May 22

—Last day to register or add a class.

Tuesday, May 28

—Last day to withdraw from class or the University without record.

—Employee Training: "Telephone Usage." 10-11 a.m., Seminar Room C, Clemson House. Bring your ESSX Feature Instruction Guide. Call "O" for reservations.

Friday, May 31

—Employee Training: "Employee Performance Management System/Progressive Discipline." 9-11 a.m. Reservations necessary. (656-2727)

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or FAX us at 656-0713.

DEADLINE is FRIDAY, May 17, for May 29 issue.



Clemson

WEEKLY

Vol. 30, No. 37

Wednesday, May 22, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Clemson youngsters try out new video games headed for Universal Studios, California

Youngsters visiting the campus this month have first crack at new video games destined for the AT&T Technology Center coming to Universal Studios in California. The attraction will open June 1, but in the meantime Clemson youngsters are testing the appeal of the hi-tech fun and games.

A computer kiosk in the lobby of the Agricultural Products Sales Center in Newman Hall uses touch-screen video technology to allow visitors to try the games. There is no charge to play, and they are accessible during the center's working hours, 9 a.m. to 9 p.m. Monday through Saturday, and 2-5:30 p.m. Sunday.

Andy McGuire, manager of Clemson's Educational Interactive Technology Laboratory, was contacted by AT&T in early April to develop and test eight interactive video games. The design team included computer programmers Dick Haight, Dave Phender and Phil Quist

and electronic imaging artist Mike Massengale.

The games are programmed to gather statistical information, such as how often a game is played and how long each player participates in a game. Also, the creators are observing the children's reaction to the equipment — do they seem to understand the instructions and do they stick to them?

A few of the games being tested include Electronic Finger Paint, where a child uses a finger to draw a free-style, colored image on the screen; Movie Quiz, in which scenes from movies flash on the screen as clues to the answers; and Show Biz Faces, which gives the player only certain components of a movie star's face and asks the player to guess the identity.

The AT&T exhibit will include a total of nine touch-screen monitors that will house the games designed at Clemson.

News briefs . . .

Friday, June 28, is the deadline for proposals for the **Campbell Research Award**. This \$50,000 grant for biological research at Clemson was made possible by a gift from Mr. and Mrs. Robert Campbell of Gaffney.

The evaluation committee will be looking for a project that uses cutting-edge biological techniques and approaches to solve fundamental problems.

For a complete outline of proposal requirements call the S.C. Agricultural Experiment Station office, 656-3140.

Alumni attending Reunion 1991 will be "Cruisin' Clemson Aboard the S.S. Calhoun," and faculty and staff are invited to join them.

The Distinguished Service Awards Banquet will be Saturday, June 8, in Harcombe Dining Hall. Five alumni will receive the Alumni Association's highest award, and the Class of '41 will be given special recognition on its golden anniversary.

Tickets are \$15 each and are available at the Alumni Center through Monday, June 3. Call 656-2345 for further information.

Friday, May 31, is the last day the search committee will accept **applications for director of the Strom Thurmond Institute**.

Individuals interested in this position should send a letter of application, a resume and three letters of reference to Kenneth R. Murr, search committee chair, R. M. Cooper Library. For more information call Murr at 656-5168.

Inside CLEMSON

Coming soon to a mailbox near you

34 grants awarded in 1990-91

Deadline nears for Innovation Fund applications

May 31 is the deadline for the next evaluation of Innovation Fund applications.

Awards are made twice each year. To be eligible for a July 1 award this year, your application must be submitted by the last working day of May — Friday, May 31.

The next deadline for applications is Dec. 31 for awards available for the remainder of the fiscal year.

Innovation Fund Application forms are available from the office of the associate vice president for institutional effectiveness and sponsored programs (656-0164).

The fund was established in 1990 to provide financial support to faculty and staff who initiate innovative programs of mutual benefit to the applicant and to the University. In the first year of operation, \$610,201 was allocated to support 30 faculty and staff projects.

During the current fiscal year, \$918,184 has been awarded to the following 34 innovation fund initiatives:

Daniel W. Bearden, Chemistry
Nuclear Magnetic Resonance Student Research Facility \$8,015

Lloyd H. Blanton, Agricultural Sciences
TIPS Center for Teaching Excellence \$20,000

N. Dwight Camper, Plant Pathology & Physiology
Lawrence A. Dyck, Biological Sciences
John W. Kelly, Horticulture
Franklin H. Talnter, Forestry
Susan U. Wallace, Agronomy & Soils
The Plant Sciences at Clemson University in the 1990s: An Interdisciplinary Proposal Leading to an Environment of Excellence \$12,800

Melanle Cooper, Chemistry
College of Sciences TA Training Seminars \$4,000

Michael D. Falres, Facilities Maintenance & Operations
Establishment of an Environmental Department \$20,607

Irls B. Fetta, Mathematical Sciences
Technology Enhancement of College Algebra \$3,000

Wade Green, Office of Public Affairs
Development Assistance to Rural S.C. Communities \$20,000

Thomas M. Kelnath, Environmental Systems Engineering
Release Time and Compensation for A.W. Elzerman \$10,000

Yuji Kishimoto, Architectural Studies
International Institute at Clemson: A Feasibility Study \$20,000

Jack Lillen, Biological Science
John Wourms, Zoology
Bruce Gilck, Poultry Science
Jonathan Black, Bioengineering
Andreas von Recum, Bioengineering
Image Reconstruction From Confocal Microscopy \$57,700

James B. London, Strom Thurmond Institute
Establish Interdisciplinary Environmental Policy on Campus \$40,000

Provost's Office
Master Teacher in Residence \$100,000
Coastal Hazards Match \$30,000
Provost's Research Awards \$49,995
Defense Logistic Agency \$125,000
Community Development \$15,000
Provost's Teaching Awards \$50,000

Thea C. McCrary, Police Department
Social Violence Task Force \$7,460

Jon Meyer, Architecture
Four National Exhibitions \$10,000

Peter R. Nelson, Math. Sciences
K. T. Wallenlus, Math. Sciences

Statistical Education for Engineers \$12,367

Edith J. Parsons, Chemistry
Summer Undergraduate Research Program in Chemistry \$17,500

John J. Porter, Textiles
Development of a University Recycling Program \$11,105

Henry Rack, Mechanical Engineering
Advanced Materials & Manufacturing Processing Laboratory \$45,000

Undergraduate Studies
Improvement of Orientation and Retention \$36,000
FOCUS South Carolina \$11,500
Governor's School \$10,000

Melissa B. Riley, Plant Pathology & Physiology
Mass Spectral Library Additions \$2,835

Ben L. Sill, Civil Engineering
Peter R. Sparks, Civil Engineering
A Program to Mitigate Hazards to Low Rise Buildings and Other Structures \$35,000

Calhoun College
Calhoun College Video Tape \$2,000
Senior Honors Research & Theses \$12,000
Initiative to Enhance Program to Increase Clemson University Winners of Major Graduate Fellowships \$11,000

Graduate School
Distance Education Fund \$35,000

T. Ross Wilkinson, Resident Instruction, Agricultural Sciences
PSA Satellite \$62,000

Daniel E. Wueste, Philosophy & Religion
Professional Ethics and Social Responsibility in Science, Technology and Engineering \$11,300

Departmental notes

Agricultural and Applied Economics

B.L. Dillman (Prof) and J.E. Reynolds (Univ of Fla) published "Land Use Change in Florida's Urbanizing Areas" in *Rural Planning and Development: Visions of the 21st Century*, proceedings of a conference in Orlando, Fla.

D.B. Smith (Prof):

- Chaired two sessions on "Low Input Costs-Grain" at the 8th International Farm Management Congress in New Zealand in February.

- Was re-elected to a 3-year term as the U.S.A. representative on the Executive Council of the International Farm Management Association.

During the annual meetings of the Southern Agricultural Economics Association in Fort Worth, Texas, in February:

- J.W. Jordan (Prof) chaired a meeting of the Executive Planning Committee of the Southern Extension Committees: SEFMC, SEMC and SEPAC.

- Jordan chaired a meeting of the Sustainable Agriculture Task Force of the Southern Extension Committees.

- Jordan, C.P. Rosson and D. White (Texas A&M Univ) organized a symposium on "Critical Issues for Extension Programming: Views from SEMC, SEPAC."

- E.A. McLain (Asst Prof) et al. presented "Agricultural Expansion in Brazil's Amazon: An Economic Analysis."

Jordan presented "Financial Standards in Agriculture" at the S.C. Society of Farm Managers and Rural Appraisers in Columbia in March.

Finance

M.W. Marr, Jr. (First Union Prof of Banking) was named associate editor of the *Journal of Financial Research* in April.

Marr published:

- "Shelf Registration and the Reduced Due Diligence Argument: Implications of the Underwriter Certification and the Implicit Insurance Hypotheses," co-authored with D.W. Blackwell and M.F. Spivey, in *Journal of Financial and Quantitative Analysis*.

- "State Regulation of the Market for Corporate Control: MITE, CTS, and Their Progeny," co-authored with R. Mouton, in *Memphis State University Law Review*, summarized in *Forbes* and *Issue Alert*.

- "Anti-takeover Bill Threatens Shareholders" in *Pensions and Investments*.

- "Note on ESOPs" in *FM Letters Financial Management*.

- "Selectivity, Information and the Return to Futures Trading," co-authored with J.L. Trimble, in *Journal of Applied Business Research*.

Forest Resources

S.M. Jones (Asst Prof):

- Presented "Landscape Ecosystem Classification for South Carolina" at the Symposium on Ecological Land Classification: Application to Identify the Productive Potential of Southern Forests in Charlotte, N.C.

- Published "Application of Landscape Ecosystem Classification Within the Southeastern United States" in *Forestry on the Frontier*, the proceedings of the 1989 Society of American Foresters National Convention in Spokane, Washington.

T.J. Straka (Assoc Prof):

- Presented "Innovations in Forest Management Techniques" at the PruTimber Timberland Investment Seminar in Myrtle Beach.

- Published "Forestry and Mississippi's Forest Resources - Their Economic Importance," co-authored with M.R. Dubois (Miss State Univ) and M.L. Doolittle (Miss Soc Sci Research Center), in *Miss. Agric. and For. Exp. Stn. Bull.*

- Published "Effect of Establishment Density and Timber Product Mix on the Land Expectation Value of Unthinned Loblolly Pine Plantations," co-authored with L.W. Conrad (Chesapeake Corp), in *Resource Management and Optimization*.

- Published "Costs and Cost Trends for Forestry Practices in the South," co-authored with Dubois, W.F. Watson (Miss State Univ) and K.L. Belli (Miss State Univ), in the *Forest Farmer Manual*.

- Presented "Economic Evaluation of Establishment Density for a Thirty-Year-Old Unthinned Loblolly Pine Plantation," co-authored with Conrad and Watson, in the proceedings of the 1990 Society of American Foresters National Convention, Washington, D.C.

- Published "An After-Tax Analysis of Energywood Harvesting Costs" co-authored with Watson, R.O. Richardson Jr. (Mead Corp) and W.C. Siegel (USDA Forest Service) in the *Forest Products Journal*.

R.F. Harlow (Grad Asst) and D.C. Guynn Jr. (Prof) published "Southeastern Deer Study Group Annotated Bibliogra-

phy 1977 to 1990" in The Samuel Roberts Noble Foundation Publication.

D.L. Ham (Prof) and J.R. Clarke (Univ of Wash) published "Trees and Turf Should Complement - Not Compete" in the *Journal of Environmental Turfgrass*.

At the Southern Appalachian Man and the Biosphere conference in Gatlinburg, Tenn.:

- Jones, J.E. Fahey III (Prof, Bio Sci), and L.G. Webb (Rtd Prof, Aquaculture, Fisheries and Wildlife) presented "Ecosystem Response to Long-Term, Chemical Waste Water Spray Irrigation."

- R.M. Chubb (Ag Sci, Assoc II), Jones and F.T. Lloyd (US Forest Service) presented "Using a GIS-Implemented Ecological Land Classification Model to Determine Where Pine-Hardwood Regeneration Practices Work on the Savannah River Site"

- S.D. McElreath (Ag Sci Assoc II) presented "The Effect of Temperature on *In vitro* Survival of *Discula Conidia*" at the Dogwood Anthracnose Workshop in Athens, Ga., in January.

J.C. Jang (Fmr Grad Asst) and F.H. Tainter (Prof) published:

- "Optimum Tissue Culture Conditions for Selection of Resistance to *Phytophthora cinnamomi* in Pine Callus Tissue" in *Plant Cell Reports*

- "Cellular Responses of Pine Callus to Infection by *Phytophthora cinnamomi*" in *Phytopathology*.

J.W. Edwards (Grad Asst), Guynn (Prof) and M.R. Lennartz (USFS) published "Habitat Use by Southern Fox Squirrel in Coastal South Carolina" in the proceedings of the 1989 Annual Conference of Southeastern Association Fish and Wildlife Agencies.

T.M. Williams (Prof) and J.C. McCarthy (Oak Ridge Nat'l Lab, Tenn) presented "Field-Scale Tests of Colloid: Facilitated Transport" in the proceedings of the National Research & Development Conference on the Control of Hazardous Materials in Anaheim, Calif.

L.R. Nelson (Asst Prof) and J.H. Miller (USFS) published "Forestry Herbicide Technology" in the *Forest Farmer Manual*.

Departmental notes will appear in upcoming issues, as space is available, until all submitted during spring semester are printed.

Dates to remember:

Send events to "Master Calendar," *Clemson Weekly*, Alumni Center

Through June 6

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Insititute Building. (656-0665)

Through June 21

—Exhibit: "Symmetry of the Classical Solids," featuring the Walter Benson Collection of Geometric Art. Front lobby, Cooper Library. (656-0665)

Tuesday, May 28

—Last day to withdraw from class or the University without record.
—Employee Training: "Telephone Usage." 10-11 a.m., Seminar Room C, Clemson House. Bring your ESSX Feature Instruction Guide. Call "O" for reservations.

Thursday, May 30

—Employee Training: "Defensive Driving." 8 a.m.-noon, Police Department Court Room. Reservations necessary. (656-3365)

Friday, May 30

—Employee Training: "Employee Performance Management System/Progressive Discipline." 9-11 a.m. Reservations necessary. (656-2727)

—Employee Training: "Defensive Driving." 8 a.m.-noon, Police Department Court Room. Reservations necessary. (656-3365)

Monday, June 3

—Employee Training: "Introduction to Supervision." Four-day seminar, June 3, 4, 11 & 12. 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)

Tuesday, June 4

—"First Tuesday Briefing," speaker TBA. Noon, Alumni Center. Bring your own lunch. (Call 656-2345 for information)

Join the Rowing Club

The Clemson Rowing Club is looking for faculty and staff interested in summer rowing on Lake Hartwell. Mem Wiggins, faculty adviser, insists that experience is not a prerequisite — novices are welcome. Call Wiggins (656-4031) for more information.

—Employee Training: "Introduction to Supervision." Four-day seminar, June 3, 4, 11 & 12. 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)

Friday, June 7

—New Employee Orientation. 1:30-4:30 p.m., Student Senate Chambers. Reservations necessary. (656-2727)

Tuesday, June 11

—Employee Training: "Introduction to Supervision." Four-day seminar, June 3, 4, 11 & 12. 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)
—Faculty Senate Meeting. 3:30 p.m., Student Senate Chambers. (656-2456)
—Commission on Classified Staff Affairs Meeting. 10 a.m., President's Box. (Ruth Taylor, chairperson, 656-5174)

Meat sales moved to Ag Sales Center

In case anyone asks, "Where's the beef?" tell them there's beef — and pork and lamb — for sale at the Agricultural Products Sales Center.

The sale of top-quality meats from the University's animal science labs is now handled through the sales center in Newman Hall, the same place you buy those delicious shakes and ice cream cones.

The center is open 9 a.m.-9 p.m. Monday-Saturday and 2-5:30 p.m. Sunday; however, meat products will be sold only during daytime, weekday hours — 9 a.m.-5:30 p.m. Monday-Friday.

A variety of products, such as ground beef, steaks, pork sausage, and beef, pork and lamb roasts, are offered, but all products may not be available every day.

Tom Reynolds, the center's director, says the prices are comparable to area supermarkets but the product is the best you can buy anywhere.

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Director Margaret Pridgen
Editor Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or FAX us at 656-0713.

DEADLINE is FRIDAY, May 24, for June 5 issue.



Clemson

WEEKLY

News Special

Tuesday, May 28, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Budget board directive freezes non-essential state purchases and personnel actions

The State Budget and Control Board has revised its tough budget freeze order of May 14 to provide for some exceptions to the prohibitions.

The original directive froze, until further notice, all purchases and personnel actions by state agencies and institutions, regardless of fund source.

Under amended guidelines issued May 21, the Board exempted from the freeze most spending of federal and other funds. The restrictions still apply, however, if federal or other funds are commingled with state monies.

"The primary focus of the budget prohibitions is state funds or Fund Group 1 [General Funds]," said David Larson, vice president for business and finance.

Even where General Funds are concerned, specified spending is allowed. For example, exempt from the personnel freeze are temporary three-month seasonal workers and faculty instruction contracts, subject to General Assembly provisos.

The reasons behind the freeze

The B&C Board's actions are in response to a serious state revenue shortfall.

According to the state Board of Economic Advisors, state general fund revenues have failed to meet projections this year by at least \$132.6 million, maybe more.

"There's no question that the state has very severe financial problems," President Max Lennon said. "At Clemson, we're committed to doing our part to help solve these problems."

"However, we're also determined to deal with this very difficult situation in a way that will allow us to continue

to serve our students and to make progress toward our objectives.

"The work we do is too important to South Carolina's long-term economic health to lose sight of our goals."

Implementation at Clemson

In the week between the state's first pronouncement and its second, Clemson worked closely with the B&C Board on guidelines for implementing the freeze.

"David Larson and his staff have worked tirelessly to clarify the intent and the impact of the freeze," Lennon added. "They are on call to help each campus budget center with questions and problems as they arise."

In a May 23 memo to vice presidents and deans outlining Clemson's guidelines, Larson said the budget restrictions will be "far more than inconvenient."

"Where expenditures are clearly

exempted by the guidelines, regular operating procedures apply," Larson said. However, where expenditures are not clearly exempted, permission by the B&C Board must be granted before the money can be spent.

To "minimize the bureaucracy," Business and Finance has set up a special office headed by Steve Copeland, director of management services, to handle requests for special exemptions.

"We didn't want to create special steps or be passing memos around asking hundreds of individuals to write justifications," Larson explained.

"This approach will allow departments to know exactly where their request is in the process."

Larson said departments should follow existing procedures and process their needs through normal channels to the purchasing and personnel departments.

Any exempt transactions will be processed immediately by purchasing and personnel. Others will be sent to Copeland's office for review. He will write the justifications and coordinate the seeking of all approvals from Columbia.

Procurement policies

Most procurements are exempt if they are charged to Fund Groups 2 through 8. That includes auxiliary enterprises, grants and contracts, scholarship funds, restricted funds (primarily designated gifts), loan funds, endowed funds and plant funds.

Operations that are totally self-supporting from non-state revenues (examples include the Professional Development office) are also exempt from most of the restrictions.

Specific exemptions applying to

For more information

David Larson urged anyone with questions about the freeze to contact him or:

- **Wanda Hill** (656-4354), senior associate VP for business and finance
- **John Newton** (656-2443), associate VP for fiscal affairs
- **Steve Copeland** (656-0983), director of management services.

General Funds include:

- supplies essential to maintain current levels of operation, not to exceed a 30-day supply.
- contractual agreements essential to maintain effort, provided a 30-day cancellation clause is included.
- capital improvements that have already been approved or are currently eligible for B&C Board staff approval.
- real property leases if the space is used for existing needs.

All General Fund equipment purchases, however, must be approved by the Budget and Control Board. This includes computer software.

Larson said departments have the authority to certify on the purchase requisition that a procurement meets one of the above criteria for exemption. If that is done, purchasing will process the requisition.

The University's final guidelines list three sample certification statements departments can use to justify the procurement of supplies, printing and contractual commitments.

Personnel actions

Again, personnel appointments, are exempt from the freeze if they are charged to Fund Groups 2 through 8, or to totally self-supporting programs.

However, reclassifications and any pay raises (other than merit

increases currently authorized by the Budget and Control Board) must be approved by the Board regardless of fund source.

In addition, specific state exemptions for General Funds include:

- temporary seasonal appointments (for example, summer farm workers for the Experiment Station).
- temporary replacements for disability or maternity leaves.
- security and fire department personnel.
- instructional faculty appointments.

All other actions need Budget and Control Board approval.

The bottom line

In summary, Larson said state-funded personnel actions and equipment purchases are the two major areas of concern for the Budget and Control Board.

"The board stressed that personnel actions would be stringently controlled," he said. "We think approvals will be very difficult to obtain."

Also, equipment purchases made with General Funds are permitted only through direct relief by the state budget board.

Larson said his division is on call to help departments with interpreting the guidelines and to answer other questions.

Q & A

How long will the freeze be in effect?

Nobody really knows. It is in effect "until further notice." Clemson officials expect it to last into the next fiscal year, until state budget planners have some indications of how state revenue collections are going for FY91-92.

How will the freeze affect Innovation Fund grants and requests?

Because the Innovation Fund is a mechanism for the University to direct resources to its highest priorities, as identified in the Strategic Plan, every effort will be made to award Innovation Fund grants next year. The total may not be as high as this year, however.

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INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Recreation Advisory Committee reviews policies for 1991-92, changes department name

The University Recreation Advisory Committee met recently and made some important decisions about fees, membership renewals, summer operating schedules and a departmental name change.

The Committee gave its approval for physical training and intramural sports to become the department of campus recreation. This change, which more accurately describes the department's programs and facilities, takes place in July.

The recreation program's individual membership fee will not increase for 1991-92 despite anticipated University budget cuts. Faculty and staff may continue to use campus recreational facilities for a \$50 annual fee. However, a nominal family membership fee will go into effect July 1.

For \$25, faculty and staff may purchase a membership that allows the employee's spouse and children living in the home to use the facilities during posted family hours.

"We feel that \$25 a year is a reasonable amount for a family to use the facilities we have," said Jim Pope, director of campus recreation.

"You never like to add fees, but we had to find more funding to offset our rising costs for everything from student wages to routine maintenance and repairs — staffing and upkeep are big safety concerns.

"The Committee looked at several alternatives including cutting hours and services, increasing the basic individual fee, or charging users who have not been paying for services. We decided this one was the best."

The Committee approved several other changes aimed at sharing costs

among all users.

Graduate assistants will now be required to purchase memberships to use campus recreational facilities. This change becomes effective at the start of fall semester.

Beginning July 1, members may bring personal guests for a charge of \$4 per guest, per day. The guest fee will be billed to the member host. Faculty and staff who are not members may also use the facilities for a \$4-per-day charge; it will be billed to the employee's campus address.

Official University guests should register through the department of conference and guest services to use recreational facilities.

Renewal applications will be mailed to current members in early June. Take the completed form to the Bursar's Office, G-08 Sikes Hall, to pay the fee and then take your receipt to I.D. Services, Harcombe Dining Hall, to have your card validated.

Current members will also receive a locker renewal form. It may be turned in at the Fike front desk or sent through campus mail. The deadline for renewing lockers is Sept. 13.

Additional membership and locker forms can be picked up at the Bursar's Office or the Fike front desk.

Several recreational areas will be closed for renovations during second summer session. Fike Gymnasium, the swimming pool, the indoor and outdoor tennis courts, and the indoor track at Littlejohn Coliseum will all be affected. Specific closing dates for each facility will be announced during June.

The East Beach swim area will be open while the pool is closed.

Coming Attractions

- **FACES**
Profiles of people at work
- **NOTEWORTHY**
Faculty and staff accomplishments
- **BRIGHT IDEAS**
Time- and money-saving tips

Look for it

Inside CLEMSON

Garden to honor founder, T.L. Senn

The original 44-acre tract of the University's Botanical Garden will be dedicated to garden founder, T.L. Senn, on Saturday, June 8.

The ceremony, held in conjunction with the reunion of the Class of 1939, takes place at 2 p.m. at the garden's main entrance.

Senn retired as head of the horticulture department in 1981 after 40 years as an educator, researcher and administrator. As lifetime president of the Class of 1939, he led the group to establish a \$500,000 endowment which lends support to the garden.

Former Clemson president and classmate Walter Cox will participate in the dedication. In the event of rain, activities will be moved to the auditorium of the Poole Agricultural Center.

Departmental notes

Biology

J.A. Waldvogel (Asst Prof):

- Presented "The Bird's Eye View" at the American Association for the Advancement of Science meeting in Washington, D.C., in February.

- Published "Olfactory Cues Perceived at the Home Loft Are Not Essential for the Formation of a Navigational Map in Homing Pigeons" in the *Journal of Experimental Biology*.

R.J. Kosinski (Assoc Prof) presented "The BioBytes Simulations: A Laboratory Teaching Tool" at the American Zoologist's Society meeting in San Antonio, Texas, in December.

C.K. Revis-Wagner (Assoc Prof) received Clemson University's "Master Teacher" award for the academic year 1990-91.

W.M. Surver (Assoc Prof) and **A.D. Smith** (Asst Prof) published "The Instructor's Manual for Videodiscs."

Surver and **C. Lytle** (NC State):

- Published the "Bioencyclopedia Laserdisc."

- Presented "Incorporating Laser Videodiscs Into the Biology Curriculum" at the National Science Teacher's Association meeting in Washington, D.C., in December.

Conference and Guest Services

At the Association of Conference and Event Directors-International annual conference in Palm Springs, Calif., in March:

- **J. Martin** (Dir) presented "Organizational Development: The Dynamics of Success" and "Designing Mission Statements."

- **T. McGuirt** (Clemson House Mgr) presented "Modern Day Minute Men and Women."

- **P. Hall** (Assoc Dir) led a roundtable discussion, "Marketing Strategies, Getting the Word Out."

E. Maxwell (Custodial Spvr, Clemson House) was elected secretary of the Greenville chapter of the National Executive Housekeepers Association for 1991-92.

History

D. Nicholas (Dept Hd, Prof):

- Published "Childhood in Medieval Europe" in *Children in Historical and Comparative Perspective: An International Handbook and Research Guide*.

- Published "Of Poverty and Primacy:

Demand, Liquidity, and the Flemish Economic Miracle, 1050-1200," in *American Historical Review*.

- Reviewed *Opera Muliebria: Women and Work in Medieval Europe* in *Economic History Review*.

R.M. Golden (Prof) reviewed *Communities of Belief: Cultural and Social Tensions in Early Modern France; Correspondance de Fenelon*; and *Women's Diaries, Journals, and Letters: An Annotated Bibliography*, in *Religious Studies Review*.

J.V. Reel, Jr. (Dean, Undergrad Studies & Prof) reviewed *Joan of Arc and Richard III: Sex, Saints, and Government in the Middle Ages* in *The Historian*.

J.L. Arbena (Prof) presented:

- "Sports Language, Cultural Imperialism, and the Anti-Imperialist Critique in Latin America" at the annual meeting of the Southeastern Council on Latin American Studies in Jacksonville, Fla., in March.

- "International Migration in Latin American Sports" at a colloquium on International Migration of Sports Talent held at the University of Keele, England, in April.

E. Carney (Assoc Prof):

- Organized a panel on "The Royal Burials at Vergina" for the American Institute of Archaeology in San Francisco, Calif, in December and presented "The Female Burial in Tomb II at Vergina."

- Published a review of *Conquest and Empire* in the *American Journal of Philology* III.

T. Kuehn (Assoc Prof) reviewed *La Societa dei Notai di Bologna* in *Speculum*.

Information Systems Development (DCIT)

At the Information User Association conference in Salt Lake City, Utah, in April:

- **J.C. Trice** (Systems Mgr) and **M.S. Percy** (Sr Systems Analyst) presented "Systems Prototyping on a PC."

- **Percy** presented "An ISPF/PDF Editor Interface to the IDD."

- **K. Culberson** (Database Admin III) and **S.R. Elks** (Sr Systems Analyst) presented "Making OLQ Friendly and Efficient."

Languages

R.R. McGregor (Prof) presented "Camus' 'Le Renegat': An Allegory of the Existentialist Pilgrimage" at the Philological Association of the Carolinas meeting in Charlotte, N.C., in March.

H.E. Stewart (Prof) presided over a section of the University of South Carolina's Nineteenth Annual French Literature Conference in March.

J.I. Suarez (Assoc Prof, Dir L&IT Prog) presented:

- "La Mercadotecnia Y La Comunicacion" at the IV Simposium Internacional de Mercadotecnia in Chihuahua, Mexico.

- "Is Research in 'Languages for Business' Scholarly?" at the Conference on Languages and Communication for World Business and the Professions in Ypsilanti, Mich.

- "Caracterizacao Dentro do Romantismo Machadiano" at the Kentucky Foreign Language Conference in Lexington, Ky., in April.

S. Harris (Vstg Inst) completed the Spanish translation of the third edition of *Toxic Substances in the Environment* by **R.J. Kendall** (Dir, TIWET) to be used in a continuing education program in Costa Rica.

Nursing

P. Kline (Assoc Dean, Assoc Prof):

- Was selected to participate in the 1990-91 class of Leadership Clemson.

- Presented "Nursing Management of Alzheimer's Patients" and conducted a workshop on nursing management at the Clair Martig Alzheimer's Disease Symposium for Continuing Medical Education at the Medical College of Ohio in Toledo in January.

- Conducted an all-day workshop, "Alzheimer's 101: The Basics for Caregiving," at Tri-County Technical College in Pendleton in March.

- Presented "Sociological Trends and Issues: Family, Women, and Caregiving" at the South Carolina Commission on Aging Network Training Conference on *The Family: Bridge to the Future*, in Myrtle Beach in March.

M. Reimer (Dir of Media Resources) was named Vice Chair/Chair-Elect of the South Carolina Health Information Network Users Group.

Department of Instruction

At the First National Pediatric Conference: The Child, The Family, The Nurse, in Toledo, Ohio, in February, **R.B. Hughes** (Dept Hd, Assoc Prof):

- Presented "Parent Support Groups in the Acute Care Setting."

- Participated in a panel discussion, "Dealing with Families of Children with Chronic Illness."

B. Campbell (Asst Prof) presented "Self-Efficiency, Self-Determination, and Successful Self-Regulation of Weight" at the Fifth Annual Conference of the Southern Nursing Research Society in Richmond, Va., in March.

At the Sigma Theta Tau Statewide Research Day in Columbia in March:

• **A. Privette** (Asst Prof) presented the study "Validating the SCRI-R With Individuals Having Chronic Health Problems."

• **R. Pruitt** (Asst Prof) presented the study "Stress and Cholesterol."

• **S. Cummings** (Vstg Asst Prof) presented her research on "Socialization to Nursing: The Effect of a Summer Externship Program on Role Conception of Baccalaureate Nursing Students."

Performing Arts

F.E. Marrus (Asst Prof) presented:

• "Alcoholics Anonymous Metaphors: Language Used to Create, Transmit, and Maintain Cultural Values in a Self-Help Organization," at the annual conference of the Carolinas Speech Communication Association in October.

• "Alcoholics Anonymous Texts: Language Based Messages Used in the Enculturation Performance of a Self-Help Organization," at the American Culture Association annual meeting in San Antonio, Texas, in March.

L.F. Armstrong (Instr) presented:

• "Impromptu Speaking and Communication" to the Greenwood Women's Forum in March.

• "Image Power" to the Clemson Leadership Awareness Seminars for Students in February.

Philosophy and Religion

S. Silvers (Dept Hd, Prof) presented "Epistemology, Relativism, and the Irrelevance of Truth" as an invited speaker in the University of North Carolina (Chapel Hill) colloquium series in February.

Political Science

M.A. Morris (Prof) presented "The Cold War Recedes in the Caribbean: The Maritime Dimension," at a conference on the Third World in the Context of the Changing International Order at The Citadel in Charleston in March.

M.W. Slann (Prof) published *Violence and Terrorism 91/92* with B. Schecterman. The Dushkin Publishing Group, 1991.

Psychology

D.A. King (Asst Prof) presented "Encoding Variations in Analogical Problem Solving" and "Analogical Transfer in Afro-American Students" at the meeting of the Eastern Research Association Conference in February.

J.G. Williams (Asst Prof), **J.E. Hall**, and **M.B. O'Hara** published "Treatment Effects of Separate Commitment Laws for Mental Illness and Chemical Dependency" in *Hospital and Community Psychiatry*.

At the Southeastern Psychological Association meeting in Atlanta, Ga.:

• **P.A. Connor-Greene** (Assoc Prof) gave an invited address on "Gender, Race, and the Pursuit of Thinness."

• **Connor-Greene** presented "Structuring a Course on Gender."

• **Connor-Greene, D.D. Moore** (Assoc Prof), and **S. Hemphill** presented "Self-esteem, Weight Satisfaction, and Bulimic Behaviors: A Comparison of Adolescent Female Athletes and Cheerleaders."

• **E. Knabenhans** (Undergrad Stu), **Connor-Greene**, and **R. Shea** (Undergrad Stu) presented "The 'Male as Normative' Perspective in Psychological Theory: The View From the Introductory Psychology Textbook."

At the American Psychological Association meeting in Boston, Mass.:

• **Connor-Greene, Moore, P.S. Motes** and **Hemphill** presented "Race, Self-Esteem, and Bulimic Behaviors."

• **Connor-Greene, Moore**, and **Hemphill** presented "Self-Esteem, Perceived Physical Characteristics, and Cognitive Distortions in Adolescent Female Athletes."

Connor-Greene:

• Presented "Gender, Race, and the Pursuit of Thinness: An Update," at the South Carolina Psychological Association meeting in March.

• Published "Social Milieu Characteristics and Distorted Eating in High School Graduates" in the *International Journal of Eating Disorders*.

• Reviewed *Making Peace With Food; Never Too Thin; Bodylove; Weight, Sex, and Marriage*; and *The Psychology of Dieting in Women and Health*.

T.R. Alley (Asst Prof) and **K. Scully-Hester** presented "The Impact of Changes in Body Weight on Perceived Physical Attractiveness" at the 83rd annual meeting of the Southern Society for Philosophy and Psychology in Atlanta, Ga., in March.

Alley, J.E. Albino (Univ of Colorado), **L.A. Tedesco** (SUNY-Buffalo), et al. published "Esthetic Issues in Behavioral Dentistry" in *The Annals of Behavioral Medicine*.

B.P. Goettl (Asst Prof) published "Tracking Strategies and Cognitive Demands" in *Human Factors*.

Goettl and **J. Joseph** presented "Central Processing Load, Response Demands, and Tracking Strategies" at the 34th annual meeting of the Human Factors Society in Orlando, Fla., in October.

Goettl and **L. Hultquist** presented a poster, "Using an Emergent Feature in an Object Display," at the 37th annual meeting of the Southeastern Psychological Association in New Orleans, La., in March.

At the annual meeting of the Society of Behavioral Medicine in Washington, D.C., in March **S. Kirkendol** (Asst Prof) presented:

• "Compliance-Enhancement in Group-Based Smoking Cessation Program," co-authored with **C.L. Gruder** and **R.J. Mermelstein** (Univ of Illinois at Chicago).

• "A Self-help Smoking Cessation Program Supplemented with Telephone Counseling," co-authored with **C.L. Gruder**, **R.J. Mermelstein**, **R. Burzette**, **A. Zelli**, & **R.B. Warnecke**.

Student Affairs

J. Buckley (Asst Prog Dir, Univ Union) published "When the Roof Falls In ... What Do You Do When You No Longer Have A Concert Venue?" in *Campus Activities Programming* magazine.

During the regional housing conference of the Southeastern Association of Housing Officers in Richmond, Va., in February, the following presentations were made:

• "Being Scatter-Brained is a State of Mind" by **T. Flippo** (Area Coordinator).

• "The Young and the Restless" by **S. Nelson** (Area Coordinator).

• "At the Movies: Video Training for Facilities Topics" by **K. Boyd** (Area Coordinator), **P. Howard** (Asst Dir of Residential Life) and **K. Kaufman** (Asst Dir of Residential Facilities).

• "The Women's Advantage to Leadership" by **Boyd**.

• "What Can You Do: Local Programming for Global Issues" by **Boyd** and **L. Epps** (Asst Dir of Family Housing).

Textiles

B.C. Goswami (Prof):

• Was appointed to the National Advisory Committee on Cotton Marketing.

• Received patents on "Nonlinear Aromatic Polyamide Fiber or Assembly" and "Lock Set Structure."

Dates to remember:

Through June 6

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Insitute Building. (656-0665)

Through June 21

—Exhibit: "Symmetry of the Classical Solids," featuring the Walter Benson Collection of Geometric Art. Front lobby, Cooper Library. (656-0665)

Friday, May 31

—Employee Training: "Employee Performance Management System/ Progressive Discipline." 9-11 a.m. Reservations necessary. (656-2727)
—Employee Training: "Defensive Driving." 8 a.m.-noon, Police Department Court Room. Reservations necessary. (656-3365)

Monday, June 3

—Employee Training: "Introduction to Supervision." Four-day seminar, June 3, 4, 11 & 12. 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)

Tuesday, June 4

—Employee Training: "Introduction to Supervision." Four-day seminar, June 3, 4, 11 & 12. 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)

June 6 through 10

**—Reunion 1991.
Come by the Alumni
Center or call 656-2345
for information about
events open to faculty
and staff.**

Friday, June 7

—New Employee Orientation. 1:30-4:30 p.m., Student Senate Chambers. Reservations necessary. (656-2727)

Saturday, June 8

—Botanical Garden Dedication. 2 p.m., main entrance. See story on page 1. (656-0203)

Monday, June 10

—Last day to order diploma for August graduation.

Tuesday, June 11

—Employee Training: "Introduction to Supervision." Four-day seminar, June 3, 4, 11 & 12. 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)
—Faculty Senate Meeting. 3:30 p.m., Student Senate Chambers. (656-2456)
—Commission on Classified Staff Affairs Meeting. 10 a.m., President's Box. (Ruth Taylor, 656-5174)

Representatives of Classified Staff elected

Newly elected representatives to the Commission on Classified Staff Affairs are:

Academic Affairs

Teri Alexander
Pam Atkinson
Patricia Durham
Marian Cappiello (alt.)
Robbie Nicholson (alt.)
Stephanie Clark (alt.)

Administration

John McKenzie
Ralph J. Roach (alt.)

Agriculture/Natural Resources

Judy Pilgrim
Teresa Kelley
Michael Simmons

On-Campus alternates

Judy Mounter
Mary Gaines
Kathy Brock
Dewey Barefield
Tammie McCall

Off-Campus alternate
Patsy Smith

Business & Finance

Pamela Durham
Annette Bangle
Tony Craig (alt.)
David Mulberger (alt.)
Joseph P. Rogers (alt.)
Alan Godfrey (alt.)
Harold Duncan (alt.)

Student Affairs

Lillian Lappie
Mary Jo Williams (alt.)
Kay Long (alt.)

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INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Kellogg-sponsored program makes big impression Spring faculty meeting focused on South Carolina tour

Bill Ferrell's visit to McClellanville as a part of last year's FOCUS: SOUTH CAROLINA tour made a big impression. "There was virtually nothing left but a few boats after Hugo hit. It has affected the way I do my job; it has affected the way I make decisions."

During the general faculty meeting in May Ferrell, assistant professor of industrial education, told of his experiences on the Kellogg Foundation-sponsored FOCUS tour and his resulting service projects.

He continues to do consulting work with a textile firm in Bennettsville

"It has affected the way I do my job; it has affected the way I make decisions."

and is helping Berkeley, Calhoun, Orangeburg and Lee counties with a plan for solid waste management.

Debra King-Johnson was a self-described "baby Ph.D." when she took the FOCUS: SOUTH CAROLINA tour last year. The assistant professor of psychology was new to South Carolina when she joined her colleagues for the five-day trip around the state. "It gave me a greater appreciation of South Carolina, insight into my role at Clemson and a desire to travel and see more of this state."

The FOCUS: SOUTH CAROLINA slide show — a look into the past, present and future of the state — has been updated to include the destruc-

tion and recovery following hurricane Hugo. The revised version was shown at this meeting and will be used to orient future FOCUS tour groups and new faculty and staff at fall orientations.

Also during the faculty meeting, 1990-91 Faculty Senate president Allen Dunn recapped the work of the senate and shared some ongoing concerns of the faculty, retiring faculty were recognized, and the faculty elected David Walter Garrison Jr., a 4.0 accounting major from Orangeburg, to receive the 1991 Norris Medal.

The following awards were presented at the meeting:

- **Elham B. Makram**, associate professor of electrical and computer engineering, received the **Alumni Award for Outstanding Research** for her work with power systems. This award carries a \$1,500 stipend from the Alumni Association and is made possible by unrestricted gifts to the annual Loyalty Fund.

- **Lewis T. Fitch**, Alumni Professor of Electrical and Computer Engineering, and **Thomas McInnis**, associate professor of botany, were recognized by the Clemson chapter of the **American Association of University Professors** for distinctive contributions to the academic profession.

- **Ed Olive**, professor of education, received the **Frank A. Burtner Award for Excellence in Advising Students**.

- **Hassan Behery**, professor of textiles, was named a **Fellow of the American Society of Mechanical Engineers**. Mansour Mohamed,



FOCUS: SOUTH CAROLINA tour provided a fast-paced introduction to the state for Debra King-Johnson, assistant professor of psychology.

chairman of the awards committee of ASME's textile engineering division, made the presentation.

In his address to the group, University President Max Lennon talked of the year's highlights, many of them renovation and new construction projects. He described the Johnstone renovation as "an inconvenience worth having" and the T. Ed Garrison Livestock Arena as "a first class facility that will be good for business and the community."

He called attention to the need for systems to reward teaching excellence and public service and urged faculty to pass along ideas to the Strategic Planning Committee.

Lennon also praised new programs and new areas of funding. "We, Clemson, must develop a 'can do' attitude," he said, to achieve the far reaching goals we've set.

Departmental notes

Computer Science

J.M. Westall (Assoc Prof) presented "Cache and Block Size Considerations in Personal Computer Disc Caches" at the 29th Annual Southeastern ACM Conference in Auburn, Ala., in April.

Construction Science and Management

F.M. Eubanks (Assoc Prof) and G.R. Corley (Asst Prof) presented workshops on "Competent Person OSHA Subpart P Standard" for Carolinas AGC during December, January and February.

R.W. Liska (Dept Hd, Prof):

- Presented "Total Quality Management for the Construction Industry" at the annual convention of Associated Builders and Contractors in Maui, Hawaii, in January.

- Gave the keynote address, "Partners in Education," at the National Association of Women in Construction's Regional Meeting in Greenville in April.

- Published "Necessity Sparks Industry Advancements" in *Builder and Contractor*, a publication of Associated Builders and Contractors.

- Presented "Training Needs Assessment" to the Annual Education Directors Conference of the Associated Builders and Contractors in Phoenix, Ariz., in April.

S.D. Schuette (Prof) chaired the American Council for Construction Education Visiting Team that evaluated the University of Florida's building construction program in February.

Environmental Toxicology

R.J. Kendall (Head):

- Presented "Ecological Risk Assessment for Terrestrial Wildlife Exposed to Agrochemicals: A State-Of-The-Art Review and Recommendations for the Future" at the Workshop on Ecological Risk Assessment sponsored by the National Academy of Sciences in Warrenton, Va., in February.

- Presented "Issues of the '90s: Perspectives on Environmental Education" to the science education department of the Columbia public school system in Columbia, Miss., in March.

- Headed a delegation to E.A.R.T.H. in Costa Rica in April to establish a research collaboration and integrate a textbook written by Kendall into E.A.R.T.H.'s Continuing Education program.

- Presented "The Environmental and Toxic Materials: Wildlife Toxicology, Environmental Management and the Implication for Human Health" to the South Carolina Executive Institute of the State Budget and Control Board in April.

Libraries

D.S. Taylor (Asst Lib, Special Collections) presented "The Role of the University Archives in the National Archival Agenda" at the annual meeting of the Society for History in the Federal Government held at the Library of Congress, Washington, D.C., in April.

Marketing

P. Knowles (Vstg Asst Prof) and S. Grove (Assoc Prof) presented "An Examination of Garage Sale Patronage," co-authored with G. Pickett (NAU), at the Southeastern Psychological Association Meeting in New Orleans, La.

Grove and Pickett presented "The Impact of Promotional Tool Use on Patient Contact Activity of Dentists," at the American Marketing Association Educator's Conference.

Grove, D. Finn (TCU) and Pickett presented "Ethics of Marketing Dental Health Care," at the American Association for Advances in Health Care Research Conference.

At the American Marketing Association Winter Educator's Conference:

- Grove and J. Muncy (Asst Prof) presented "Does Services Marketing Represent a Paradigm Shift for the Marketing Discipline?" co-authored by R. Fisk (UCF).

- N. Kangun (Prof) and Grove presented "The Green Alternative: A Prognosis for Further Development and Its Marketplace Impact," co-authored by W. Kilbourne (SHSU).

- Knowles and Grove presented "Sales Performance and Signal Detection Theory."

Mathematical Sciences

R.E. Jamison (Prof):

- Presented "The Line Graph of K12 Has a Complete 32 Coloring" at the 22nd Southeastern International Conference on Combinatorics, Graph Theory and Computing, held at LSU-Baton Rouge in February.

- Coordinated the workshop "Staying Alive in the Classroom" with R. Phillips (Lander), W. Ramsey (Francis Marion) and C. Wood (Western Carolina) at the Lander PRAXIS Conference on the Humanities in February.

M.M. Kostreva (Prof):

- Published "Approximate Mean Value Analysis Algorithms for Queueing Networks: New Formulations and Convergence Results," co-authored with K.R. Pattipati (Univ of Conn) and J.L. Teele (Kurzweil Music Corp), in the *Journal of the Association for Computing Machinery*,

- Published "Strategic Analysis for a Technological Service Industry: A Differential Game Model," in the *Journal of the Operational Research Society*.

- Presented "Linear Complementarity Problems and Multiple Objective Programming," co-authored with M. Wiecek (Asst Prof), and "More with Murty's Bard-Type Algorithm," co-authored with K. Dunlap (Grad Stu), at Optimization Days 1990 in Montreal, Quebec, in May.

- Served on the evaluation committee for the 1990 Gordon Research Conference on Tribology in Holderness, N. H., in June.

- Presented "Path-Following Techniques for Non-Linear Multiple Criteria Decision Problems" at the 9th International Conference on Multiple Criteria Decision Making in Fairfax, Va., in August.

D.R. LaTorre (Asst Prof) presented "The Impact of Supercalculators on the Teaching of Undergraduate Mathematics Using Supercalculators to Enhance Teaching and Learning of Linear Algebra" at the Southeastern MAA annual meeting in Mobile, Ala., in April.

R. Laskar (Prof):

- Lectured at the Indian Statistical Institute in Calcutta, India, October through February.

- Gave seminars at different universities in India, including I.I.T. at Kharagpur, Jadavpur University, University of Mysore and University of Maduras.

- Edited "Topics on Domination" in *Discrete Mathematics* with S.T. Hedetniemi (Prof) and also published a "Bibliography" on domination in this volume.

- Published "A Study of G2-graphs" in *Congr. Numerantium* with M. McKay (Fmr Grad Stu).

- I.B. Fetta (Asst Prof) presented "Pixels or Points?" and "Calculator Enhanced Probability and Statistics" at the Southeastern MAA annual meeting in Mobile, Ala., in April.

T.G. Proctor (Assoc Dept Head, Prof) presented "Calculator Enhancement of the Differential Equations Course at Clemson" at the Southeastern MAA meeting in Mobile, Ala., in April.

Physics and Astronomy

J.R. Ray (Prof):

- Presented the paper "Molecular Dynamics Study of Silver Iodide" with **C.A. Rains** (Fmr Grad Stu) and **P. Voshishta** (LSU) at the meeting of the American Physical Society in Cincinnati.
- Co-authored "Including Spin in the Raychandhuri Equation" with **A. Fennelly** (Teledyne-Brown), **J. Krisch** (Univ of Mich) and **L. Smalley** (Univ of Ala-Huntsville) in *Journal of Mathematical Physics*.

- Chaired a session and presented "Phase Diagram of Silver Iodide Using Molecular Dynamics at the Recent Developments in Computer Simulation Studies in Condensed Matter Physics" meeting at the University of Georgia in February.

J.A. Gilreath (Assoc Prof) presented "An Interdisciplinary Training Session for Graduate Teaching Assistants" at the April meeting of the American Physical Society in Washington, D.C.

H.W. Graben (Prof) and **Ray** published "Unified Treatment of Adiabatic Ensembles" in *Physical Review*.

Plant Pathology and Physiology

S.W. Scott (Prof) and **O.W. Barnett** (Prof) co-authored "An Isolate of Tomato Ringspot Virus from *Trifolium Ambiguum*."

Sociology

M.F. White (Assoc Prof) published "Theoretical Considerations of Officer Profanity and Obscenity in Formal Contacts with Citizens," co-authored by **T.C. Cox** (Eastern Kentucky Univ) and **J. Basehart** (Univ of Kentucky), in *Police Deviance*.

K. Sturkie (Assoc Prof), **L. Peppers** (Assoc Prof) and **J. Ryan** (Assoc Prof) have received a \$130,500 Training Grant from the S.C. Department of Social Services.

PSI names Secretary of the Year

Gail Brock was named 1991 Secretary of the Year by the Clemson chapter of Professional Secretaries International.

Brock joined the University in 1984 in the dairy Extension department and is currently administrative assistant to the associate vice president for Student Affairs. She earned her professional secretary certification in 1988.

Professional Secretaries International promotes continuing education and skills improvement through training seminars and chapter, state, district and international meetings. The American Management Association's annual videoconference on National Secretaries Day is hosted by PSI.

For more information about the local chapter's monthly meetings call **Sandra Davis**, president, at 656-0585.



Gail Brock

Black Faculty and Staff Association recognizes outstanding achievement

The Clemson University Black Faculty and Staff Association presented awards for outstanding achievement at its first recognition dinner this spring.

The recipients, by category: **Professor** - **Clarence Addison**, building construction and management; **Associate professor** - **Bevelee Watford**, industrial engineering; **Assistant professor** - **Mable Wynn**, parks, recreation and tourism management; **Administrative staff** - **Linda Gilbert**, accounting; **Clerical staff** - **Sharon Lynch**, National Dropout Prevention Center; **Support staff** - **Virginia Oglesby**, housing. Certificates of honorable mention were presented to **Margie Jones**, **Jessie Martin** and **Mary Latimer**, custodial services, and **T. C. Mattress**, facilities maintenance and operations.

Merl F. Code, attorney and Municipal Court judge for Greenville County, was guest speaker. **Vannessia Walton**, soloist and a chemical engineering major, provided special music for the evening.

The association was organized in 1987 to encourage and facilitate the involvement of black faculty and staff in University affairs. Meetings are planned for the second Thursday of every month at 4:45 p.m. in F-149 P&AS Building. For more information contact **Cheryl Adams** at 656-2714.

Departmental notes will appear in upcoming issues, as space is available, until all submitted during spring semester are printed.

Look for a new format for announcing faculty and staff accomplishments and revised instructions for submitting them.

Coming soon . . . **Inside** CLEMSON

Dates to remember:

Through June 6

—Exhibit: "Dominica: The Natural Beauty of a Living Laboratory," featuring watercolors by Elizabeth Belser Fuller. Special Collections exhibit area, Strom Thurmond Insititute Building. (656-0665)

Through June 21

—Exhibit: "Symmetry of the Classical Solids," featuring the Walter Benson Collection of Geometric Art. Front lobby, Cooper Library. (656-0665)

Friday, June 7

—New Employee Orientation. 1:30-4:30 p.m., Student Senate Chambers. Reservations necessary. (656-2727)

Monday, June 10

—Last day to order diploma for August graduation.

Tuesday, June 11

—Employee Training: "Introduction to Supervision." Four-day seminar, June 3, 4, 11 & 12. 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)
—Faculty Senate Meeting. 3:30 p.m., Student Senate Chambers. (656-2456)
—Commission on Classified Staff Affairs Meeting. 10 a.m., President's Box. (Ruth Taylor, chairperson, 656-5174)

Wednesday, June 12

—Employee Training: "Introduction to Supervision." Four-day seminar, June 3, 4, 11 & 12. 9 a.m.-4 p.m. each day. Reservations necessary. (656-2727)

Thursday, June 13

—Last day to withdraw from class or the University without final grades.

Tuesday, June 18

—Employee Training: "Interview and Selection." 9 a.m.-4 p.m. Reservations necessary. (656-2727)

Thursday, June 20 - Saturday, June 22

—"New Plays Premiere": A workshop of readings and discussions of three new full-length student plays. A different work will be presented each evening followed by a public discussion and a critique by a guest critic. 8 p.m., Daniel Annex. FREE.

Tuesday, June 25

—Summer School Exams.

Remember to send your 1991-92 calendar items now to: "Master Calendar" c/o Beth Jarrard, *Clemson Weekly*, Alumni Center.

Staff Commission news:

Staff Commission provides funding for C.U. Roster

The C.U. Roster is ready for distribution thanks to a joint effort from the Commission on Classified Staff Affairs and the Faculty Senate.

This directory is a reference to Clemson's academic and support units and its committees. The Faculty Senate compiled the information and the Staff Commission funded the printing. The book is being distributed to all University departments.

At the Commission's May meeting, Fran Massey, director of wage and salary administration, was named an ex-officio member of the organization. Her appointment completes the representation of department heads in personnel management and development. Massey joins Dick Simmons, director of recruitment and employee services; Ray Thompson, director of employee development; and Ron Herrin, director of payroll and employee benefits, as an ex-officio member.

The Commission will say goodbye to outgoing members and officially welcome new members at its next meeting — Tuesday, June 11, at 10 a.m. This year-end gathering will be in the President's Box rather than in the usual room in Lehotsky.

Look for a new and improved listing of what's going on "This Month at Clemson."

Coming soon . . .

Inside CLEMSON

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or FAX us at 656-0713.

DEADLINE is FRIDAY, June 7, for June 19 issue.

Clemson WEEKLY

Vol. 30, No. 40

Wednesday, June 12, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

NCAA begins preliminary inquiry into basketball program

The University was notified June 5 that the National Collegiate Athletic Association is conducting a preliminary inquiry into the basketball program; however, no specific allegations were mentioned.

President Max Lennon received a letter from S. David Berst, assistant executive director for enforcement for the NCAA, stating, "Information has been received indicating that possible violations of NCAA regulations have occurred on the part of the institution and its representatives. As of this date [June 5] the information has not been sufficiently investigated to determine whether an official investigation is warranted."

University officials understand the inquiry concerns the 1988 recruitment and certification of Wayne Buckingham. It is expected that an official investigation will follow and that the NCAA will send more detailed information soon in the form of a letter of official inquiry.

"This preliminary letter officially informs us of an investigation that we have been working with the NCAA staff to resolve for some months. Our interest in this situation is the same as that of the NCAA, to find out if any mistakes or rules violations occurred and, if they did, take whatever action is necessary to assure that they do not happen again. We will continue our full cooperation with the NCAA as the

inquiry proceeds," Lennon said. "We will also keep the campus community fully informed of the progress of this investigation."

"The next step will be a letter of official inquiry, which will list the specific allegations," said Paul Aaron, director of institutional compliance.

"We have been communicating with the NCAA since 1989 about issues concerning Wayne's eligibility. The NCAA reviewed his case last year and ruled that he would have to sit out a year, which he did. The official letter of inquiry will spell out any other issues that are still of concern to the NCAA. It will help us a great deal to know the specific allegations, so we can work with the NCAA to determine the facts and address any problems that might surface."

Aaron also said that any infractions during 1988 would not trigger the so-called death penalty, which can result in the suspension of a sport in cases where major violations of NCAA rules occur within a five-year period. "I discussed today's letter with David Berst, and he made it clear that the death penalty was not a factor in this case," said Aaron.

Buckingham, a sophomore, remains enrolled and is meeting academic requirements.

Future developments will be reported in upcoming issues of the faculty/staff newsletter.



The quick reactions of two University employees helped bring a recent fire at Lee Hall under control. Milton Lore, lab equipment specialist in civil engineering, and Juanita Neill, custodial supervisor in Lowry Hall, rushed to the loading dock blaze with an extinguisher and went to work while waiting for University firefighters to arrive. "It was graduation day (May 10) and not many people were around," said Lore. Fire marshal Donnie Brewer presented the two with certificates for outstanding community service. The fire apparently started with an architectural project left on the loading dock. The cause is still under investigation. "Luckily the fire rated doors were in place. This prevented serious damage to the building," said Brewer.

Inside CLEMSON

coming
July 19

Sixty-seven faculty and staff to retire by end of 1990-91 fiscal year

Clemson University says goodbye and a special thank you to 67 employees who have retired or have filed applications to retire by June 30.

Collectively, these employees have given 1,581 years of service to the University — an average of 23 years per person.

The longest record of service belongs to Selena Peppers, a custodial services superintendent I, who retired in September after 44 years.

Each retiree's name is followed by position, department and effective date of retirement. The number in parentheses denotes years of service to Clemson.

Lester M. Adams (10), trades worker, utilities, Jan. 10.

Robert M. Allen (25), professor, forest resources, June 28.

Rachel E. Anderson (25), county Extension director, Florence County, June 28.

Myra A. Armlstead (25), reference librarian, libraries, June 30.

Ebbie J. Atkinson (7), fertilizer insect inspector, fertilizer and pesticide control, April 4.

Emma Lee Barber (35), custodial worker I, livestock & poultry health, Sept. 30.

Emily J. Bell (3), custodial worker II, custodial services, April 30.

Murlel B. Bishop (32), professor, chemistry, June 26.

Ruth B. Brock (9), administrative specialist B, undergraduate studies, Jan. 3.

Bernice H. Brown (35), county Extension director, Dorchester County, Nov. 30.

Edith O. Burt (6), custodial worker III, dormitories, Dec. 28.

Wilbert P. Byrd (36), department head and professor, experimental statistics, June 28.

Robert E. Christenberry (11), alumni development manager III, development office, June 28.

Ann O. Cooler (27), administrative specialist A, Richland County Extension, June 28.

Catherine M. Crittendon (11), custodial worker III, custodial services, Jan. 3.

Manzo N. Crooks Jr. (31), trades worker, transportation services, June 28.

Robert E. Currin III (32), professor, agronomy & soils, Pee Dee Research and Education Center, June 28.

Robert F. Donahue (21), assistant area supervisor, livestock & poultry health, March 28.

Louise C. Elliott (17), accounting technician II, agronomy & soils, March 28.

J. Edwin Faris (18), professor and former department head, agricultural economics and rural sociology, and former director, International Program of Agricultural and Natural Resources, Dec. 31.

Albert D. Fore (30), agricultural science associate I, Pee Dee Research and Educational Center, March 28.

William E. Gettys (28), professor, physics, May 16.

Eleanor K. Gibson (21), accountant, financial management, Jan. 3.

John V. Hamby (18), professor, assistant director, National Dropout Prevention Center, June 30.

Dale L. Handlin (37), professor, animal science, Jan. 3.

Robert F. Hipp (11), meat inspector, livestock & poultry health, March 15.

Nelda Kay Howell (20), district Extension director, Savannah Valley District, June 28.

Roy Thomas James (20), trades craftsman, work for departments, June 20.

William C. Jones Jr. (31), county Extension agent, Lexington County, June 28.

Eleanor L. Keasler (4), custodial worker III, custodial services, Dec. 27.

John B. KISSAM (30), professor, entomology, June 30.

Mary C. Knox (16), assistant head nurse, Student Health Center, May 9.

Martin R. Koldyke Jr. (19), business manager II, office of the dean, College of Education, Dec. 31.

Trabert L. Landreth (12), custodial worker III, custodial services, Feb. 22.

Grace B. Lillenthal (14), 4-H volunteer coordinator, Charleston County, June 30.

Latrelle G. Lisenby (10), accounting technician I, Student Health Center, June 28.

Leota S. Littlejohn (33), county Extension director, Cherokee County, June 28.

Stanley M. Lukaweckl (27), professor, mathematical sciences, June 26.

Elizabeth S. Lyles (30), data processing coordinator, administrative data processing, March 31.

Jessie O. Martin (25), superintendent custodial services I, custodial services, June 20.

Rhodan P. McCollom (24), county Extension agent, Richland County, June 28.

Alden Lee McCracken (25), associate vice president, sponsored programs, June 28.

Kate R. McKenzie (30), administrative specialist B, Dillon County Extension, June 30.

John J. McLaughlin (23), professor, English, June 26.

Donald P. Miller (28), professor, physics, May 16.

Harvey E. Morgan Jr. (34), professor, industrial education, Dec. 20.

Edward F. Olive (20), professor, elementary and secondary education, May 16.

Bobbie O. Palmer (40), administrative specialist C, University Union, June 30.

Shirley M. Patterson (32), area county Extension agent, Clarendon County, Nov. 30.

Faculty Senate begins new year with committee elections

Selena Peppers (44), superintendent custodial services I, custodial services, Sept. 27.

Shelby B. Quattlebaum (31), administrative specialist C, agricultural chemical services, June 28.

Helen K. Rollins (14), administrative specialist A, Charleston County Extension, June 30.

James A. Sadler Sr. (18), laundry supervisor II, laundry, June 20.

Cleveland N. Sanders (26), county Extension agent, Beaufort County, March 28.

Arthur T. Shearin (32), lecturer, forest resources, Jan. 3.

John L. Stevenson (23), assistant dean, director of honors program and professor, parks, recreation & tourism management, June 28.

John B. Thomas (38), associate director, livestock & poultry health, June 28.

Delphine O. Thornton (22), county Extension agent, Spartanburg County, Nov. 30.

Gloria C. Voyles (11), administrative specialist A, dairy science, July 9.

Verner Ray Vickery (19), trades craftsman, work for departments, Sept. 20.

Evelyn S. Williams (32), county Extension director, Barnwell County, June 28.

Charlie H. Williamson (26), trades supervisor II, utilities, June 20.

William D. Witherspoon (34), county Extension director, Horry County, Sept. 28.

Robert E. Wright (17), professor, animal pathology, dairy science, June 20.

James E. Yonce (30), county Extension director, Berkeley County, June 28.

Joann R. Ziegler (32), county Extension agent, Calhoun County, April 1.

Paul B. Ziellinski (24), director WRRRI, professor, civil engineering, June 30.

John Luedeman, new Faculty Senate president, opened his first meeting with the election of Senate/faculty representatives to University committees. A complete list of senators and their committee assignments for 1991-92 will be printed in an upcoming issue of the faculty/staff newsletter.

In other business:

•Senators passed a resolution calling for three additional members — representing the colleges of Liberal Arts, Education and Architecture — to be added to the Provost Search Committee. In presenting the resolution, Senator Eleanor Hare (computer science) said the current committee has no faculty members from these three colleges, which account for 27 percent of the faculty.

•Senators passed a resolution from the ad hoc Committee to Review the Purchase of Business Software restating an earlier resolution, passed on April 9. That resolution requested that the chair of the Computer Advi-

sory Committee and one representative appointed by the Faculty Senate president be added to the Administrative Systems Software Selection Committee. The Senate has not received a response from the Provost and voted 11 to 10 to again ask for this change.

•Senators nominated seven faculty members to serve as grievance counselors. Elections will be held at the next meeting of the Advisory Committee.

•Gary Ransdell, vice president for institutional advancement, has asked the Senate to create a Foundation Relations Committee. Assets in the Clemson University Foundation play a significant role in resource management and allocation for faculty programs. In his written request to the group Ransdell said, "Familiarity and confidence among the faculty in foundation operations would be increased with the formation of this committee." Luedeman will appoint this ad hoc committee.

Faculty Senate News

Clemson sponsors 15th annual career workshop for minority students

Clemson University's annual career workshop for minority high school students marks its 15th anniversary this summer.

Nearly 400 students from South Carolina, North Carolina and Georgia will attend the four sessions, which cover all aspects of college life. All of the participants are ranked in the top 10 percent of their classes and performed well on national achievement tests.

The workshops, taught by Clemson faculty, include such subjects as English, mathematics, speech, computer science, African-American

history, chemistry, environmental science and college survival skills.

A special feature of the workshop is the Information Fair and Professional Expo, where the students will meet academic and professional leaders and learn about career opportunities. In addition, distinguished professionals will speak about their experiences in the working world during each session.

The Clemson Career Workshop is sponsored by the University's office of academic special projects. For more information contact coordinator Starlett Craig at 656-4720.

Dates to remember:

Through June 21

—Exhibit: "Symmetry of the Classical Solids," featuring the Walter Benson Collection of Geometric Art. Front lobby, Cooper Library. (656-0665)

Tuesday, July 18

—Employee Training: "Interview and Selection." 9 a.m.-4 p.m. Reservations necessary. (656-2727)

Thursday, June 20 - Saturday, June 22

—"New Plays Premiere": A workshop of readings and discussions of three new full-length student plays. A different work will be presented each evening followed by a public discussion and a critique by a guest critic. 8 p.m., Daniel Annex. FREE.

Tuesday, June 25

—Summer School Exams.

July 1 through September 30

—Exhibit: "The Hanover House Celebrates 50 Years at Clemson University." Open during regular library hours, Robert Muldrow Cooper Library. (656-3027)

July 1 through November 30

—Exhibit: "Political Cartoons in the Tillman, Byrnes and Thurmond Collections." Monday and Wednesday-Friday, 8 a.m.-4:30 p.m.;

Tuesday, 8 a.m.-9 p.m.; Sunday 1-5 p.m. Special Collections exhibit area, Strom Thurmond Institute building. (656-0665)

Tuesday, July 2

—Registration for Second Summer Session.

Wednesday, July 3

—Second Summer Session begins.

Thursday, July 4

—University holiday: Independence Day.

Friday, July 5

—Last day to register or add a class.

Tuesday, July 9

—Commission of Classified Staff Affairs meeting. 10 a.m., 113 Lehotsky Hall. (Patsy Sowell, chairperson, 788-2260)

—Faculty Senate Meeting. 3:30 p.m., Student Senate Chambers. (656-2456)

Wednesday, July 10

—Last day to withdraw from class or the University without record.

Friday, July 12

—Board of Trustees Meeting. 2 p.m., Holmes Ballroom, Clemson House. (656-3415)

English department receives \$700,000 Bingham grant

The English department has received a \$700,000 grant from Mr. Bingham's Trust for Charity to fund a major writing project that links Clemson with selected South Carolina schools and several urban schools nationwide. The grant brings the trust's investment in writing programs at Clemson to more than \$1.1 million.

Directed by professor Dixie Goswami, Clemson Writing in the Schools will sponsor two initiatives — Writing for the Public and Writing and Performing Across Cultures — and will provide on-site assistance, workshops, materials and school grants of up to \$4,000.

Writing for the Public will be headed by Leslie Owens, a former public school teacher and editor of Bread Loaf News, a national publication that focuses on literature, writing and theater.

Owens will work with students and teachers to establish centers where students will collect, analyze and rewrite poorly written public documents ranging from simple instructions to complex policy statements.

Writing and Performing Across Cultures will be led by Carol Collins, currently project coordinator of "Arts in Basic Curriculum" at Winthrop College. She holds a master's degree from the Yale School of Drama and is former director of the Creative Arts in Education program at the Eugene O'Neill Theater in Waterford, Conn. She will join Clemson's performing arts department as a visiting assistant professor and research associate.

English department head James Andreas noted that the Bingham Trust has previously provided a \$400,000 grant for a South Carolina tutoring project involving Clemson, South Carolina State College and a number of public schools. Bingham also funded, through Bard College, the Thinking and Writing Institute, a two-week summer residency program for high school students to be held at Clemson this summer.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

Director Margaret Pridgen
Editor Beth Jarrard

We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or FAX us at 656-0713.



Clemson

WEEKLY

Vol. 30, No. 41

Wednesday, June 19, 1991

INFORMATION FOR THE FACULTY AND STAFF OF CLEMSON UNIVERSITY

Dr. Lennon addresses budget crunch

Dear Colleagues:

It is hardly a secret that South Carolina is facing a severe budget crunch. Clemson University's budget, along with the budgets of other State agencies, was cut in the middle of this fiscal year because of a drop in State revenues. We had hoped that the economy would improve and that the State budget for next year would be better. Unfortunately, that is not the case.

The final State budget for the fiscal year that will begin on July 1 provides the lowest percentage of formula funding for higher education since the State began using the formula approach to determine higher education's needs. The final blow to the budget occurred when the conference committee on the State appropriations bill had to cut 3.3% across-the-board from the level of funding that had been previously agreed to by the committee. The cut was in response to new figures from the State Board of Economic Advisors that showed State revenues were \$100 million less than had been expected.

Clemson University's budget for the '91-92 fiscal year will be \$79.4 million for E&G and \$43.8 million for PSA. These figures compare to \$82.1 million and \$45.3 million for the current fiscal year. In addition to addressing a \$4.2-million-dollar reduction, our '91-92 budget must also accommodate the annualized cost of pay raises that occurred in '90-91.

Managing these budget reductions in the most efficient and effective way will be an enormous challenge to the University. It would be naive to think that a cut of this size can be absorbed without some hardship. The budget does not provide for base pay or merit increases for classified staff. Any faculty increases will be limited to promotions, unless an exception is granted by the Provost. This budget places a great burden on personnel and programs at Clemson. I am confident, however, that with hard work and creativity we can continue to provide excellent service to our students and the State.

Our guiding philosophy in making budget decisions will be quite simple — to protect and enhance our fundamental mission of educating students. This means that administrative functions will bear the greatest burden of budget reductions. In addition, auxiliary enterprises will be asked to help support academic programs.

I encourage you to share your best ideas for addressing this challenge. And I want you to know of the administration's commitment to work as hard as we possibly can, along with our colleagues at other institutions, to improve the level of State support for higher education.

Sincerely,

Max Lennon



Carillonneur David W. Breneman warms up the keyboard of the 47-bell carillon in the clock tower of Tillman Hall in preparation for a performance. Breneman, carillonneur of the Luray Singing Tower in Luray, Va., was guest artist for a free public concert June 8.

Inside CLEMSON

This is the final issue of *Clemson Weekly*.

After a four-week hiatus, *Inside Clemson* will debut Friday, July 19. This new faculty/staff newsletter will be published every other week on payday.

College of Sciences offers teaching skills workshops

The College of Sciences is sponsoring a series of teaching enhancement workshops led by Charles E. Wales, professor of engineering and director of the University of West Virginia's Center for Guided Design.

The four workshops, part of the teaching assistant training program, are open to all faculty and graduate students.

Wales conducts research on thinking skills and methodologies for

teaching such skills. His work has earned him two National American Society for Engineering Education awards, the Westinghouse Award and the Carlson Award.

He will present the following:

- "Introduction to Guided Design" Tuesday, June 25, 9-11 a.m.
- "How to Help Your Students Understand Word Problems" Tuesday, June

25, 1:30-3:30 p.m.

- "How to Construct Guided Design Projects" Wednesday, June 26, 9-11 a.m.

- "Putting It All Together" Wednesday, June 26, 1:30-3:30 p.m.

All sessions will be in the Jordan Room (on the breezeway.) For more information contact Melanie Cooper, chemistry department (656-2573).

Accounting Year-End Deadlines

June 28 - Last day to deposit receipts/revenues received during FY 1990-91 (3:30 p.m. deadline).

- Last day to receive goods or services for payment to be made against the FY 1990-91 budget.

- Last day to process corrections for transactions dated May 31 or earlier.

July 5 - Last day to submit interdepartmental charges to billing department.

July 9 - Last day to submit disbursement documents for FY 1990-91 (direct vouchers, travel vouchers, purchase orders, IDOs, and receiving reports).

July 15 - Preliminary accounting reports will be sent to departments. (Will not include the June 28 accrual for paybase-T employees and indirect costs for June.)

July 22 - Last day to process corrections for transactions dated June 1 through June 30.

July 24 - Indirect costs posted for June.

August 1 - Final June accounting reports will be sent to departments.

Conference services hosts a variety

Industrial Engineering, 32 Adults, Thornhill Village, June 2-29

Upward Bound, 50, Youths, Johnstone, June 9-July 19

Clemson Career Workshop, 60 Youths, Lever 2-6, June 9-28

Principles of Technology I, 20 Adults, Thornhill Village, June 10-27

Principles of Technology II, 20 Adults, Thornhill Village, June 10-27

Industrial Technology Education, 25 Adults, Thornhill Village, June 10-27

Mathematics for Technologies, 20 Adults, Thornhill Village, June 10-27

Science and Engineering Honors Program B, 100 Youths, Lever, June 16-29

Clemson Career Workshop, 90 Youths, Lever, June 16-28

Orientation II, 474 Adults, Byrnes and Manning, June 19-21

SA Financial Aid, 140 Adults, Clemson House, June 21-28

SREG-Gerontology Nursing II, 20 Adults, Clemson House 7, June 23-29

Football Week Camp, Youths, Smith and Barnett, June 23-28

Track Camp I, 54 Youths, Johnstone, June 23-28

Swim Camp III, 51 Youths, Johnstone, June 23-28

Soccer Camp II, 267 Youths, Johnstone, June 23-28

Baseball Camp III, 165 Youths, Johnstone, June 23-28

Tennis Camp III, 125 Youths, Johnstone, June 23-28

Carolina Society for Training I, 25 Adults, Calhoun Courts, June 23-29

Basketball II, 284 Youths, Johnstone, June 23-27

Football Camp I, 280 Youths, Smith and Barnett, June 23-26

Presbyterian Youth IV, 31 Youths, Thornhill Village, June 24-30

Social Services V, 35 Adults, Calhoun Courts, June 24-28

S.C. Farm Bureau, 67 Adults, Clemson House, June 24-26

Football Half Week, Youths, Smith and Barnett, June 26-29

Master Gardeners, 125 Adult, Calhoun Courts, June 26-28

Orientation III, 474 Adults, Byrnes and Manning, June 26-28

Clemson Career Workshop, 90 Youths, Lever, June 30-July 19

Tennis Camp IV, 124 Youths, Johnstone, June 30-July 5

Science and Engineering Honors Program C, 100 Youths, Lever, June 30-July 6

Orientation IV, 649 Adults, Byrnes and Manning, June 31-July 2

Presbyterian Youth V, 26 Youths, Thornhill Village, July 1-7

Teaching Industrial Subjects, 20 Adults, Thornhill Village, July 1-18

Writing Institute, 30 Adults, Clemson House 6, July 7-19

A.P. State Seminar, 100 Adults, Clemson House, July 7-19

Elderhostel I, 45 Adults, Clemson House, July 7-13

Wrestling Camp, 50 Youths, Johnstone, July 7-12

News briefs . . .

Normally the **University shuttle service** does not operate during the summer; however, this year four busses are running the usual routes during the day.

Additional transportation around campus can be arranged through the motor pool. Departments needing to transport students in summer classes, conference attendees or other visitors

can schedule shuttles. Eight airport-type shuttle busses are available.

These vehicles have easy entry and exit and provide comfortable seating for up to 16 passengers — more by using the overhead handrails.

Contact the motor pool dispatcher at 656-2435 or Bill Nix, the fleet manager, at 656-2436 to schedule these vehicles during the summer.

of visitors on campus this summer

Tennis Camp V, 124 Youths, Johnstone, July 7-12
Basketball Camp III, 287 Youths, Johnstone, July 7-11
Orientation V, 613 Adult, Byrnes and Manning, July 7-9
Science and Engineering Honors Program E, 100 Youths, Lever, July 7-20
Science and Engineering Honors Program D, 100 Youths, Lever, July 7-27
Clemson Career Workshop, 60 Youths, Lever, July 7-19
Presbyterian Youth VI, 11 Youths, Thornhill Village, July 8-14
Social Services VI, 50 Adults, Calhoun Courts, July 8-12
Strom Thurmond Seminar, 18 Adults, Calhoun Courts, July 8-12
Orientation VI, 495 Adults, Byrnes and Manning, July 10-12
Beekeepers, 112 Adults, Smith, July 11-13
Elderhostel II, 45 Adults, Clemson House, July 14-20
Women's Basketball II, 225 Youths, Johnstone, July 14-19
Soccer III, 267 Youths, Johnstone, July 14-19
Dropout Prevention, 25 Adults, Clemson House, July 14-19
Orientation VII, 400 Adults, Byrnes and Manning, July 14-16
Presbyterian Youth VII, 11 Youths, Thornhill Village, July 15-21
Social Services VII, 19 Adults, Calhoun Courts, July 15-19
Orientation VIII, 400 Adults, Byrnes and Manning, July 17-19
Barbershop Quartet, 350 Adults, Manning, July 19-22
Elderhostel III, 45 Adults, Clemson House, July 21-27
Science and Engineering Honors Program F, 75 Youths, Lever, July 21-27
SREB-Gerontology Nursing III, 20 Adults, Clemson House, July 21-27
S.C. Alcohol and Drug Commission, 400 Adults, Calhoun Courts, July 21-26
Computer Systems Conference, 30 Adults, Clemson House, July 21-26
Volleyball Camp I, 100 Youths, Johnstone, July 21-26
Track Camp II, 54 Youths, Johnstone, July 21-26
Soccer Camp IV, 267 Youths, Johnstone, July 21-26
Managing Occupational Education Lab, 10 Adults, Thornhill Village, July 22-August 7
Presbyterian Youth VIII, 30 Youths, Thornhill Village, July 22-August 3
4-H, 250 Youths, Byrnes, July 23-26
Cheerleading Camp (UCA), 325 Youths, Byrnes, July 30-August 2
4-H Electric Congress, 100 Youths, Smith, August 1-2
L'Abri, 400 Adults, Clemson House and Calhoun Courts, August 1-4
Orange Carpet Day, 200 Youths, Calhoun Courts, August 2-3

The Clemson chapter of the **S.C. State Employees Association** recently elected the following officers:
 President - James Boleman
 Vice President - Robbie Nicholson
 Secretary/Treasurer - Joan Davis
 Legislative Chairman - Clarence Hood
 Membership Chairman - Evelyn Earnhart

Sandra Davis, Tom Harbin, John Hicks, Dick Simmons, Dwight Vines and Hugh Williamson were elected to the board of directors.

A national satellite videoconference on food safety will be available to Clemson faculty and staff on Tuesday, July 16.

Originating from the University of Wisconsin-Madison, the videoconference, "Agriculture, Health and Risk: Balancing the Issues," will be offered at 18 sites across the state from 10:45 a.m. to 1:30 p.m. The local site will be the College of Nursing building.

While government and industry officials say America has the world's healthiest food, consumer groups voice mistrust of the food industry and express concerns about food safety. These differing views will be discussed in this program designed for public school teachers, health educators, home economists and anyone involved in agribusiness.

There is a \$15 registration fee but Clemson faculty and staff will be admitted free of charge. For information contact Randall Griffin (656-5045), an Extension entomologist who is coordinating the conference in South Carolina.

Remember to send your 1991-92 calendar items now to: "Master Calendar" c/o Beth Jarrard, Inside Clemson, Alumni Center.

Dates to remember:

Thursday, June 20 - Saturday, June 22

—"New Plays Premiere": A workshop of readings and discussions of three new full-length student plays. A different work will be presented each evening followed by a public discussion and a critique by a guest critic. 8 p.m., Daniel Annex. FREE.

Friday, June 21

—Concert: "Fridays on the Margin of the Drop-Dead Zone" summer concert series. Bert Abbott and Mike Ellison, acoustic guitarists. 6:30 p.m. until dark. Hayden Lecture Area in the Botanical Garden. (656-0203)

Tuesday, June 25

—Summer School Exams.

Friday, June 28

—Concert: "Fridays on the Margin of the Drop-Dead Zone" summer concert series. See June 21 entry for details.

July 1 through September 30

—Exhibit: "The Hanover House Celebrates 50 Years at Clemson University." Open during regular library hours, Robert Muldrow Cooper Library. (656-3027)

Tuesday, July 2

—Registration for Second Summer Session.

Wednesday, July 3

—Second Summer Session classes begin.

Thursday, July 4

—University holiday.

Friday, July 5

—Last day to register or add a class.

Tuesday, July 9

—Commission of Classified Staff Affairs meeting. 10 a.m., 113 Lehotsky Hall. (Patsy Sowell, chairperson, 788-2260)

Wednesday, July 10

—Last day to withdraw from class or the University without record.

Friday, July 12

—Board of Trustees Meeting. 2 p.m., Holmes Ballroom, Clemson House. (656-3415)

Tuesday, July 16

—Videoconference: "Agriculture, Health and Risk: Balancing the Issues." 10:45 a.m.-1:30 p.m., College of Nursing building. Sponsored by

Clemson Extension Service. \$15 registration fee; Clemson faculty and staff admitted FREE. (Randall Griffin, 656-5045)

Saturday, July 20

—Dixie District Lakeside Harmony Barbershop Show featuring the Bluegrass Student Union. 7:29 p.m., Tillman Auditorium. Advance tickets available at Lynch Drug Co., \$8; additional tickets may be available at the door.

Friday, July 26

—Last day to withdraw from class or the University without final grades.

Wednesday, July 31

—Last day to preregister for Fall Semester.

Professors perform free Friday concerts

On Fridays this summer two Clemson University professors are exchanging their lab coats and grade books for acoustic guitars to perform at the University's Botanical Garden.

Bert Abbott, a biochemist in the biological sciences department, and Mike Ellison, a physicist with the textiles department, are an acoustic guitar duo that will perform on the Fridays of June 21 and 28, from 6:30 p.m. until dark, at the Hayden Lecture Area in the garden.

Their music ranges from folk and soft rock from the 1960s to traditional Irish music, says Ernie Denny, program director of the Botanical Garden.

Known as "Fridays on the Margin of the Drop-Dead Zone" summer concert series, Abbott and Ellison will perform on the remaining Fridays in July if there is no rain. After taking the first of July off, the performances will resume in August.

Performances are free and open to the public. For more information, contact Denny at 656-0203.

Clemson Weekly is published for the faculty and staff of Clemson University by the Office of Constituent Communications.

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We welcome your comments and suggestions. Call us at 656-3860. Write us at the Alumni Center. Or FAX us at 656-0713.

DEADLINE is Monday, July 15, for July 19 issue.

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