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+UCF REPORT

Volume 9, Number 22

For Faculty and Staff

May 6, 1987



MURRAY BARR (above) and PHILIP FAIREY (below) receive their University-wide recognition from President Trevor Colbourn.



Math's Murray Barr FSEC's Philip Fairey win top recognition

Fourteen UCF faculty members were honored at a special reception last week when they were named the outstanding teachers and researchers of 1987 in their respective colleges and units of the University.

Each received recognition at a faculty reception, hosted by UCF President Trevor Colbourn and the UCF Foundation, which also served as an occasion to honor retiring faculty.

This year's top awards — Teacher and Researcher of the Year for the entire University — went to Murray Barr, who teaches mathematics in the College of Arts and Sciences, and Philip W. Fairey, principle research scientist at the Florida Solar Energy Center, Cape Canaveral.

Because of its size, the College of Arts and Sciences traditionally names two teachers and two researchers for consideration by a university-wide selection committee. Dr. James R. Koevenig, biologist, received the award for teaching excellence. Drs. Harvey Miller, biologist, and Paul Sommerville, statistician, were presented excellence in research awards

In the College of Business Administration, Dr. Jeff Madura, finance, is the outstanding researcher; Dr. John Salter, accounting, received the teaching award. Drs. Robert Lange and Timothy

See Pages 4 and 5 for pictures of 1987 faculty chosen for excellence in teaching, research and librarianship.

J. Sullivan are the researcher and teacher awardees, respectively, in the College of Education.

Dr. Faissal Moslehy is the research award recipient in the College of Engineering, where Dr. Fred Gunnerson was presented the teaching award. The College of Health named Nilda P. Guarda for its research award of the year and Sharon L. Koch as teacher awardee.

The Excellence in Librarianship award went to Jeannette Ward, head of the serials department for the University

Each of the teachers honored received \$2,000 from a special state appropriation administered by the Florida Board of Regents. The UCF Foundation in turn presented \$2,000 to Fairey and \$500 each to the other researchers and Ward.

UCF radar, used at Bridgeport, shows lifesaving possibilities

The University's soil research radar, taken to Bridgeport, CT, to search for bodies in the rubble of a collapsed building, proved the worth of the equipment to save lives, according to Civil Engineering's Associate Professor Shiou-San Kuo

"If we had been contacted immediately after the collapse we probably could have saved some lives", he said last week while reviewing the University's unexpected involvement in a disaster of national news prominence.

Thursday morning on April 23, a 13story apartment under construction gave way, concrete and steel piling down on workers. Of 61 on the site 31 survived. After the first day no one was brought out alive from under the 30-foot high stack of rubble.

It was not until Friday afternoon that anyone in UCF's College of Engineering had any idea of getting involved in the New England disaster.

The message came, not from the owners of the building, nor the city of Bridge-port, but rather from a Gainesville consultant, Gordon Mutch, who operates as Solenex International, and who saw the potential of radar to probe beneath the rubble for victims,

Civil Engineering's chair David Jenkins decided Dr. Kuo was his faculty member to pass judgment on whether UCF's equipment might help. Kuo specializes in soil mechanics and dynamics and his use of radar to probe the subsoil exceeds any other in academic research, he believes.

Mutch wanted to get UCF's equipment and Kuo's expertise to Bridgeport, but he was operating on his own. The transportation he provided was a single engine airplane provided by Arthur Jones, owner of Nautilus, that flew out of Gainesville at midnight on Friday.

Limited to a party of two, Kuo decided not to go himself, but to send two husky graduate students, Michael Powley, 31, and Dennis Filler, 27, who had to pick up 400 pounds of equipment at UCF at 11 p.m., load it into a car, drive to Gainesville, and transfer the load to the airclane.

They were joined on the airplane by Mike Powers, a Lake County employee, who also was carrying radar equipment.

They arrived at the disaster site at 8:30 in the morning, to find organization effective in one way—the press was barred completely from the scene. The people Mutch was dealing with ignored them.

Powley and Filler said they hung around until 5 p.m. when they decided to let everybody know that if they were not going to be used they would pick up their equipment and go back to Florida. One of the laborers overheard their remark and they were on the job within 10 minutes.

The radar that Powers brought was selected to suspend from a crane a few feet above the collapsed rubble. Powley climbed on top of the pile and pushed the radar where Filler directed him by walkie-talkie. The radar was connected by 200 feet of cable to an oscilloscope and graphic printer that Filler used to profile the 100 by 200-foot outline of the building from the top of the pile to the base, 30 feet below.

"We had serious doubts the equip-

ment would read through all the steel

(Continued on Page 8)

Commencement speaker says

Ideas taught in classes control the social order

Ideas learned in the classroom, and not money, control the social order, the first of three commencement gatherings last Friday was told as UCF launched another 1,500 students into the worlds of commerce, industry, service and government.

The speaker at the second ceremony heaped praise on UCF for how well it has moved from the stage of providing classrooms for the onrush of students into the State University System theme of building excellence into the institution.

At the final ceremony the speaker stressed that graduation is only the beginning of education, that knowledge must be replenished continuously and at every opportunity.

In each ceremony the gymnasium in the Education Building was packed with degree candidates, their families, faculty, administrators and support staff.

F Philip Handy, founder and president of Parkview Investment Co. of Winter Park, addressed the graduates in the Colleges of Business Administration and Health, advising them, "Don't tamper with the system. Operate within it." Those who have made the news lately for unethical trading in millions of dollars, probably had the ability to succeed very well within the system, he said

Handy was 32 years old in 1976 when he arrived in Florida to become president of Combanks Corp. and chairman of its subsidiary banks. He left that position four years later to form his own investment company and begin to amass businesses from Florida to Australia, meanwhile becoming involved in local civic affairs and state government.

Although his vita showed the speaker had accumulated money as well as influence. Handy stressed ideas and not money controlled the system. He reminded graduates they had attended UCF for the purpose of accumulating ideas.

The chair of the Florida Board of Regents, T. Terrell Sessums, Tampa law-

(Continued on Page 8)

Grant **Opportunities**

"INSTRUCTIONAL MATERIALS **DEVELOPMENT"** (NSF) — Supports the development of new or improved instructional materials and strategies for pre-college science, mathematics and technology education and, encourages the development of materials that fill gaps in content or curricula, present significant new approaches to the study of traditional subjects, introduce recent discoveries, or demonstrate applications of scientific and mathematical concepts. Appropriate activities include:

- support new or revised curricula, introduce new subjects and integrate science with other subject
- introduce hands-on experience, inquiry learning and improved content.
- explore and apply alternative methods of delivery instruction, such as computers, videocassettes and telecommunication.

Products developed may be printed materials, computer software, video materials, manipulatives or laboratory equipment. DUE: JUNE 1

"DRUG PREVENTION PROGRAM FOR STUDENTS ENROLLED IN HIGHER EDUCATION" (The Fund for the Improvement of Postsecondary Education, USEd) - Supports a wide variety of drug prevention efforts focusing on institution-wide involvement. While support for papers on conceptual and theoretical aspects of the implementation and development of drug prevention programs will be considered. the Drug Prevention Program will not ordinarily fund basic research. The Program will support the replication of proven ideas in new settings. Its present objectives include fostering new campus specific ways of preventing drug use and alcohol abuse. It is estimated that 75 to 150 awards ranging from \$5,000 to \$125,000 per year will be made. DEADLINE: May 21

For further information, please contact Bruce Furino, x2671.

CAMPUS CALENDAR

May. 6 - 20

- Baseball v North Carolina, away, 7
- Baseball v North Carolina, away, 1 Summer Semester classes begin. Weight Watchers, Wellness Center,
- Eastern Division Mini-Baja Challenge, through 10, UCF.
- Baseball v Jacksonville, away, 1:30
- Staff Assembly, BOR, 10 a.m.
- Weight Watchers, Wellness Center,
- "Orlando Jazz '87," UCF, 5 p.m., 16
- 17 "Orlando Jazz '87," UCF, 1 p.m.,
- 18 Business Start-Up class, Peabody Hotel, 9 a.m., (206) 676-3290. Code

BOR Boardroom

HEALING SEMINAR

Dr. Dave Randle of St. Louis, a nationally-known wellness consultant, will conduct an all-day seminar on healing relationship on the commons Saturday, May 9, beginning at 9 a.m. There will be a \$15 charge per person, \$25 per couple and \$10 for students. For more information call Terri Langford at x5841

Official memoranda

Publication of these memoranda and announcements about University policy and procedure constitutes official notice to faculty and staff.

Assistant Director, Student Center

The Student Activities Center will be available for group

rental during nonregular business hours (after 7 p.m., Mon-

The labor charge for campus organizations and depart-

ments will be \$15 per hour, plus \$15 for setup and break-

rates are available at the Student Center Main Desk. Non-

University affiliated groups will be charged an additional \$194 rental fee, if admission or registration fee is charged,

and \$97 if no admission or registration fee is charged by the

NOTE: These figures do not include food service charges,

All charges will be determined by the Student Center

director or his designee. A University account number will

Any questions concerning the reservation of the Student

be required before the reservation will be finalized. Non-

Activities Center (Wild Pizza) should be directed to me at

down. Equipment rental is additional. Equipment rental

day - Friday; Saturday and Sunday, all day) this summer.

Subject: Rental of Student Activities Center

Victor M. Collazo,

DJs, VJs, or other entertainment costs.

campus organizations may leave a deposit.

All Faculty

proper section.

tered for same!

All Departments

Ruth Colquitt,

I.E. Knight, Director

Records and Registration

Subject: Tentative Class Rolls for Summer 1987

THE FOLLOWING IS A CHECK PROCEDURE:

there are any other questions.

This Tentative Class Roll is furnished to assist you in

determining which students registered for your course dur-

ing Advance and Regular Registration. These rolls may alter

due to Add/Drop and Late Registration. Corrected rolls will

number and the spelling of their name

Please have each student verify their social security

Be certain that each student is enrolled in the

If the student is in the wrong section, advise stu-

dent to report to the proper section. Do not allow

Students have been issued their own class sche-

dules printed by the computer. Ask to see this if

students in your class if they are not properly regis-

To:

From:

be furnished later

From:

All Departments and Student Organizations

To: All Employees Sarah. H. Pappas From:

Director, Daytona Campus Subject: Direct-Access Telephone Lines

The direct telephone lines to/from Orlando Main Campus and Daytona Beach Campus are now functional:

x2103 — General Campus Number (Faculty and Staff) x2105 — General Campus Number (Faculty and Staff)

x5181 — Director's Office Number

Thank you for your patience during our "telephone trials." We are hopeful that telephone communications will now be smooth and easy.

To: All Departments Barry W. Davidson From: Student Financial Aid

Subject: Hiring Students

Our office would like to thank those who attended the payroll workshops this past month. We are in the process of updating the Student Employment Manual and will be in touch with your department as copies are available.

Please keep in mind that student employment is intended for just that - students of UCF. Any person that you employ, who is not a registered student at UCF, should be processed through our Personnel Office. Some exceptions

- 1. Any currently enrolled student may work summer semester on OPS without being enrolled.
- Any currently enrolled student may work one semester after they graduate on OPS.

Students that are currently being paid through Student Employment/Financial Aid (CWSP, IWSP & OPS) and have entered Graduate School, should be terminated through our payroll system and initiated through the Personnel Office.

To: **UCF** Community From: Ruth Colquitt,

Supervisor/Telecommunications Subject: Telephone and Circuit Requests

As a reminder to all faculty and staff members, ALL telephone and circuit requests - whether from Rolm Corp. or Southern Bell - are to be processed by the Telecommunications office. Requests are not to be made to the phone companies directly.

Request forms are available in the Telecommunications office or call x2802 for assistance.

UCF Community To: From: Gus Ambler, Purchasing

Subject: Blanket Purchase Orders

Your requisitions for the issuance of blanket purchase orders for the 1987-88 fiscal year should be received by Purchasing no later than May 15, 1987. Please include the following information on your requisitions.

- Description of items to be purchased.
- Persons authorized to order against the blanket purchase order.
- Vendor's standard discount for UCF.
- The name of contact person at vendor.

Blanket purchase orders should be used for the purchase of emergency supplies or repairs to the greatest extent possible. They are not intended for everyday operating supplies. Please project your dollar requirements for the entire year in your original requisition.

Subject: Southern Bell Directory Listing for 1987-88

To:

From:

This is the time of year when Southern Bell is requesting

Supervisor, Telecommunications

a verification of our Southern Bell directory listings for the Please advise this office in writing, of the changes your

department would like to make concerning the listings in the directory: Additions, deletions, or change in the number

We need this information no later than May 14. We have to notify Southern Bell of the changes before June 1. There will be no extensions on these dates as Southern Bell has a fully automated directory system. Any listings for departments not responding by May 14 will be entered as shown in the 1986-87 directory.

Please return all responses to Karen Mannino. Telecommunications.

Thank you for your cooperation.

Student gets preview of his dream

When Ike Ansine dreamed of going to Harvard, he didn't know the wish would come true so soon. The 19-year-old premed student at the University of Central Florida is one of 60 from around the country selected to attend a special health professions program there this

Ike, whose fondest wish is acceptance to Harvard medical school when he graduates from UCF in two years, will be exposed to a intensive introduction to medicine from the time he arrives at Cambridge in late June.

The program, designed for minority students, consists of classes, clinical experience, research, seminars, and study sessions for those facing the grueling medical school entrance exam. The schedule covers six days a week

through August What makes it all the sweeter is the full financial aid package that goes with the program.

lke's desire stems in large part from parental guidance. His mother, Evadne, is a registered nurse supervisor at an Orlando nursing home where he's been putting in time away from his UCF classes. He's wanted to be a physician for "as long as I can remember. I want to be able to help people."

His first choice in residency after medical school is cardiology. The ideal location would be New York, where he lived before moving to Orlando, two

Meanwhile, he has a full summer ahead, guaranteed to keep his days and nights occupied. It's a challenge he



IKE ANSINE

University Boulevard — one mile to open

Alafaya widening to be first class

A boulevard-like, four-lane Alafaya Trail that could be upgraded to six lanes has been authorized as a resultof a Florida Department of Transportation decision to invest in a wider right-ofway between State Road 50 and UCF

The new plan calls for a 126-foot right-of-way, instead of the original 100-foot width because the "University deserved a beautiful boulevard approach," said Henry Fuller, an engineer at the DeLand District Of-

fice and manager of the Alafaya Trail project.

Fuller said the wider right-of-way will include grassed median, four 12-foot traffic lanes, bike lanes, and sidewalks and will be lighted over the entire length.

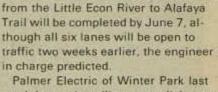
If two more traffic lanes are needed in the future, they will be built in the wide median, he said.

The design planning was assigned to Boyle Engineering of Orlando and the plans have just been completed. The DOT has started an in-house appraisal of parcels that must be acquired. The job should take six months, Fuller said.

He added that all environmental impact considerations have been met and no delay is anticipated for that reason. If there are no special problems with rights of way acquisitions construction should get underway by the target date of June 1988.

Meanwhile, there have been some developments on Alafaya Trail from Centaurus Drive north into Seminole County. An Orlando firm, Dyer, Riddle, Mills & Precourt, has been given the job of determining the amount of right of way needed and of designing the approach for the first half of a modern bridge over the Little Econ River. DOT in Tallahassee is designing the bridge itself as a two-lane structure to be built in fiscal 1990-91. When the road is widened to four lanes the bridge also will be widened to four lanes.

Lochrane Engineering Inc. of Orlando has a contract beginning in May for a two-year study on an alignment of Alafaya Trail (SR-434) as it extends north from the University. The Lochrane study envisions a sweep west of Oviedo for SR-434, tying in to SR-419 in the Winter Springs area.



The widening of University Boulevard

Palmer Electric of Winter Park last week began installing street lights on both sides of the roadway and land-scaping the median strip from Rouse Road to Alafaya. It will give the University an urban boulevard approach for one mile from the west, Bill White, chief of operations for the Orange County engineering office, said.

By the end of October, the nearly six miles of University Boulevard will have been upgraded from two lanes to six over a two-year construction period at a cost of \$19 million. The last of four building phases extends from Pelee St to the Econ, and includes the busy Dean Road intersection.

Near Pelee St., which is midway between Econlockhatchee Trail and Dean
Road, will be the crossing of the Orlando East-West Expressway when it is
extended north towards Seminole County. White pointed out that the Expressway Authority is financing acquisition of additional rights of way for
University Boulevard at that point to
provide for a future interchange. Turn
lanes are being built at this time, also
at the Authority's expense.

White said the completed University Boulevard will have a seven-foot wide sidewalk on the north side for use by bicycles and a five-foot sidewalk on the south side. There will be three 12-foot traffic lanes on each side of a median of varying widths.

The signal light at University and Alafaya will have dedicated left turns for each direction, he added.

FOR SAFETY'S SAKE

Lt. Daniel G. McAvoy, training officer and safety inspector for the Orange County Fire Department, gave a slide lecture pointing out common fire hazards to 65 employees of Building Services and PEP Squad members on April 30.

Don Lee, acting director of building safety, said he plans to have a hands-on demonstration of how to operate the various kinds of fire extinguishers found on campus. The outdoors demonstration will be held later this month.

THANKS

I wish to express my gratitude to all the members of the College of Education, from myself and my brothers and sisters upon the death of our mother. We are very grateful for all the mass cards, sympathy cards and flowers.

Catherine Martin Administrative Secretary Instructional Programs



Winners feted

UCF's highly successful student computer team was honored at the end of the spring term and Athletic Driector Gene McDowell offered to make them football players — if they could deliver similar success on the athletic field. The brain team that competed against teams from the best known universities in this country, and some from abroad, and came in a close second, left to right, Nhan Tran, David VanBrackle, Jim Geist and Jim Duke.

Student engineers have best robot in national competition

They did it again. Students from UCF again share the limelight for their showing in national competition. In February, a UCF computer science team captured second place against some of the nation's top schools in an annual programming contest. This time, student engineers entered and won the first walking machine decathfon with the help of a mechanical teammate named Bosworth.

Though most schools had dropped out of the April 16-18 contest before the starting whistle blew, UCF topped host Colorado State and the University of Maryland in manuevering their 6-legged entry through its paces.

Bosworth, so named in a "name that robot" contest during this year's Engineers Fair at UCF, managed to complete three of the five tasks prescribed by contest judges. The two runners-up never made it past the first two, said Steve Langley, president of the UCF Robotics Club. It was Langley who found an announcement of the Colorado decathlon and had promptly mustered his forces.

What they built closely followed specifications in the contest outline for a walking machine: a mobile, terrain adaptive system with eight or fewer arms or legs which can perform defined tasks in static or dynamic environments. There are IO levels of performance, though judges realized that undergraduates had little chance of designing a robot capable of completing

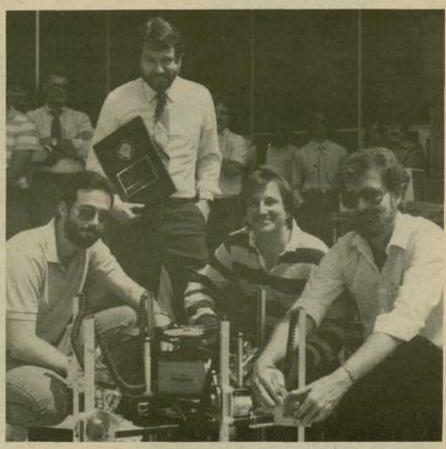
all of the steps. They were right, Langley conceded.

Bosworth went through the paces tethered to a Commodore 64 computer.It carries its own power source -- two I2-volt batteries -- and is equipped with a voice synthesizer. In order to progress to the final five steps in the competition, robots had to be autonomous, something none of the teams had fathomed as yet.

In its crawl to the winner's circle, Bosworth successfully passed a maneuverability test, toted a gallon of water, pushed a hockey puck, and made a valiant attempt to climb stairs. A stubborn brake on one of its legs was the hangup.

Langley and teammates Marty
McKnight, Doug Lattman and Sara
Knight are thinking ahead to the next
national competition. By then they hope
UCF will be able to enter a robot capable
of recognizing voice commands free of
the tether. So does faculty advisor Art
Litka, who acompanied them to Fort
Collins for the contest.

They also hope the next UCF delegation will have the necessary backing to keep their robot in one piece while traveling. With contributions from each engineering department, student government, private sources and their own pockets, the 1987 winners were forced to disassemble Bosworth in order to meet airline weight limits. "We each carried parts in our luggage, Langley laughed.



National Winners

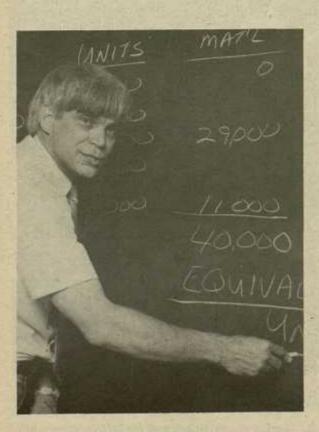
"Bosworth," the six-legged robot, holds still for UCF engineering students who built him, left to right, Marty McKnight, Doug Lattman, and Steve Langley, with the winners plaque held by faculty advisor Art Litka. They won the first national walking machine decathlon at Colorado State U. last month.



MURRAY P. BARR assistant professor Arts & Sciences



FRED S. GUNNERSON associate professor Engineering



JOHN H. SALTER associate professor Business Administration

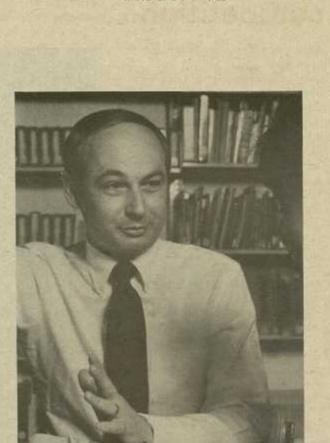
The Florida Board of Regent

pay tribute to

IN TEACHING



JAMES R. KOEVENIG professor Arts & Sciences



TIMOTHY J. SULLIVAN associate professor Education



SHARON L. KOCH assistant professor Health

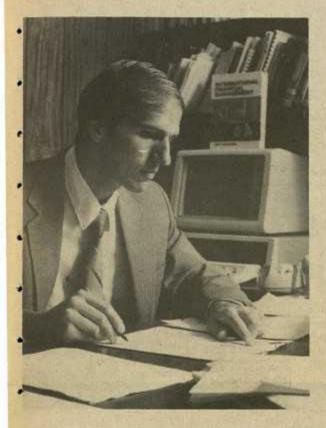
IN LIBRARIANSHIP



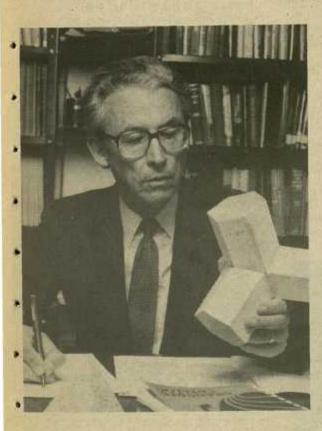
JEANNETTE A. WARD associate University Librarian University Libraries

s and The UCF Foundation

excellence.



JEFF J. MADURA associate professor Business Administration



PAUL N. SOMERVILLE professor Arts & Sciences

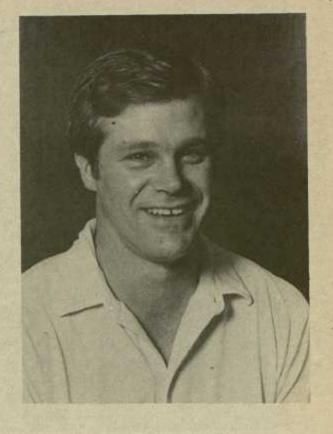
IN RESEARCH



NILDA P. GUARDA assistant professor Health



FAISSAL A. MOSLEHY associate professor Engineering



PHILIP W. FAIREY research associate Florida Solar Energy Center



HARVEY A. MILLER professor Arts & Sciences



ROBERT R. LANGE professor Education



1987-88 officers

The UCF Women's Club has elected for its leaders during next fall and spring semesters those pictured, left to right: Penny Rice, president; JoAnne Bandy, vice president; Jan Holstrum, secretary, and Rhonda Kelliher, treasurer.

Staff Assembly May 12 to reveal election results

Newly-elected members of Staff Council will be announced at the annual Staff Assembly, to be held in the Administration board room on Tuesday, May 12, at 10 a.m.

Council Chair Linda Browning asks that awardees due to be recognized at the annual awards dinner to please make themselves known by Friday of this week. They may call Elma Heischman at x5279, or Flo Glazier at x2521, or Browning at x2771. The banquet will be held at the new Holiday Inn in the Quadrangle on May 22 to honor five, 10, 15 and 20 year employees.

Browning announced that tickets will become available from Staff Council members this Friday for an all- UCF employees and families picnic planned for Lake Claire on June 12. Hot dogs and chicken will be barbecued on the grounds and served with baked beans, cole slaw, rolls and drink for prices ranging from \$1.25 to \$4.75. The ticket sale will close on June 5. The party will begin at 4 p.m. and include swimming, games and socializing.

'81 grad named coordinator for alumni affairs

A former student leader at UCF will return this summer as coordinator for advancement and alumni affairs.

Anthony C. Thompson, a 1981 graduate in creative writing with a 1984 master's degree in counseling, will work with campus and community in planning, organizing and directing fundraising activities and in building alumni support.

Thompson is currently a guidance counselor at Worth County high school, Sylvester, Georgia. He previously was employed by Morley Properties, Inc., Orlando, as coordinator of investor services administration.

While a student at UCF, he was selected for the prestigious President's Leadership Council, was elected to Omicron Delta Kappa and The Order of Omega, and served as Homecoming chairman. As a student, he was twice a winner in the Florida Poetry Contest.

UCF hosts 38 colleges competing in mini-baja

Student engineers from 36 colleges and universities will spend three days in May spinning their wheels at UCF, host of this year's Eastern Division mini-baja challenge, tomorrow through Saturday.

The last time the annual event was held locally --in 1978 -- the UCF team drove away as overall winner. As 1987 host, the UCF team will not compete.

Competing teams will face three days of rigid tests of their engineering and driving skills over land and water routes. Included are pulling and speed contests tests of stability and suspension, a 2-hour endurance run, and the always amusing mud and water maneuvers, when driver and car have been known to part company.

All cars are equipped with 8 horsepower engines provided by Briggs & Stratton. No engine modifications are permitted. The cars weigh an average of 450 pounds, and in most cases have been designed by computer. That's where the similarity ends and competition begins.

The three yearly contests --East, Midwest and West --are sponsored by Briggs & Stratton and the Society of Automotive Engineers. This year will mark the l0th anniversary of mini-baja competition. The public is invited to attend. Directional signs will be erected on the UCF campus.

The UCF team, though not actively competing, will keep a close watch on other entrants. The locals won last year's Midwest competition, and will journey to Dayton, Ohio in late May to defend their title.

Schools planning the trek to UCF this year are: Alabama, Arkansas, Florida Atlantic, Florida, Florida Institute of Technology, South Florida, Georgia Southern, Louisiana State, University of Lowell, Worcester Polytechnic, Maryland, Lawrence Institute of Technology, North Carolina at Charlotte, North Carolina State, New Jersey Tech, Trenton State, New York Tech, Clarkson, Rochester Institute of Technology, Rochester, Spring Garden, Bucknell, Penn State at Harrisburg, Drexel, Temple, Rhode Island, Tennessee Tech, Tennessee at Knoxville, Virginia Tech, Old Dominion, West Virginia, West Virginia Tech, Ryerson Polytechnic, Concordia, Ecole Polytechnique De Montreal, and Sheridan College, Brampton, Ontario



CREATIVELY DRESSED — Kids enrolled in the Creative School for Children now have uniform T-shirts and so do the teachers. In class, teacher Lynn Hancock, with Roadrick Henry and Graham Engebretsen, model their new apparel.

Youngsters see fun in engineering

Bill Swart, chair of Industrial Engineering and Management, has been working with a selected group of fifth and sixth graders at Orange Center Elementary School for one hour a week this semester, proving to them that engineering can be fun.

His entree into pre-teen minds was the hamburger. "Everybody likes hamburgers, particularly kids. So I talked to them about building a hamburger and planning how to do it on an assembly line basis.

"For an hour every Friday afternoon I work with a group of 24 youngsters. They are divided into six teams to compete in designing a workplace, listing the steps to take, measuring their work by a time study and simulating by pretending before they really do the job," he said

When he first went to Orange Center he talked to an assembly of more than 200 students, expecting three or four to show interest. Instead, more than 40 wanted into his continuing program and that field had to be trimmed to be a workable size.

He got involved through Cat Gordon, an Orange Center counselor and a UCF graduate, who invited him after he addressed a county-wide assembly of counselors. She said the students themselves picked industrial engineering for a workshop, the first of its kind for Orange Center.

The experiment winds up this Friday with prizes provided by Wendy's restaurant chain for the kids who do the best team job. Restaurant Administration Services, that runs local Wendy's, will also have their own industrial engineer take the workshop on tour of one of the stores to see how the professionals build a hamburger.

Engineering as a field has less than its share of minorities and women in it, Swart said. By motivating youngsters at an early age they will have an interest in taking the courses in middle school and high school they need to get into college.

"I show them that when they work smart, as well as hard, they will get what they want in life," he said.

Summer camp beckons young soccer hopefuls

Summer soccer school on campus will be held in three one-week sessions to serve youngsters from age eight on up, UCF's head coach and camp director, Jim Rudy, announced.

The week of June 21-26 is for all ages; July 19-24 for age eight up, and July 26-31 is for age 12 and up. In past years applications have exceeded school limits so enrollment is required at least two weeks prior to start of each session.

Fees for each camp run \$100 for players who come from home each day. Those who will be housed in dorms and take meals on campus will pay \$225 for the week.

Rudy, with national coaching credentials, heads a diverse and experienced coaching staff.

For detailed information call x2262



WELCOME NEWCOMERS!

David C. Jordan (assistant campus director/DBCC) has charge of admissions and registration at the Daytona campus and is also involved in program development. A native of Olean, NY, he worked at the University of South Florida where he earned bachelors and masters degrees. He also has worked at Valencia Community College. His hobbies are swimming and classical music.

Andrea E. Bragg (fiscal assistant I/FSEC) was born at Bath, ME, now lives at Titusville, goes to work in her new job at Cape Canaveral and attends night classes at Brevard Community College, Cocoa, to earn credits toward a BA in criminal justice. She is engaged and plans a wedding in June. In her spare time she collects bells and enjoys the company of her fiance and their ani-

Jan Bee (director/Instructional Services at FSEC) is the owner of Studio Bee, a graphic design business. A native of Bedford, OH, she earned a BFA in graphic design from the University of Akron. Her home is at Cape Canaveral and piano is her hobby

Armin Rudd (assistant in buildings research/FSEC) came from Philadelphia originally and now lives at Cape Canaveral with wife, Sarah. He formerly worked for Energy Design Collaborative, Inc., Scarsdale, NY, in the field of energy consulting, having earned a bachelor of technology in energy engineering at Rochester Institute of Technology, a bachelors in general science at Houghton College, Houighton, NY, and an associate degree in residential building construction at Central College, McPherson, KS. His hobbies include woodworking, outdoor sports and photography.

Subhash Dutta (principal research engineer/FSEC) was formerly employed by Lummus-Crest, Combustion Engineering Inc., Bloomfield, NJ. He is currently a consultant with Engelhard Corp., Menio Park, NJ. A native of West Bengal, India, he earned his PhD at the Indian Institute of Technology, did post-doctorate study at West Virginia U., and holds a post graduate diploma from Tokyo

Institute of Technology He has been a lecturer in chemical engineering at the Indian Institute of Technology and an assistant professor in chemical engineering at the New Jersey Institute of Technology. He and his wife, Kiyoko, live at Cape Canaveral with son, Niel, 9.

Robert A Martin (custodial worker/Student Center) comes from Linwood, PA, and lives at Orlando. He was formerly self-employed. His children include Vickie, 24; Robert, 22; Sean, 21, and Robin, 16: Fishing is what he likes to do when he has the -

Eric W. Van Stryland (professor/Physics) was formerly at North Texas State University, Denton, TX. He earned his PhD and MS at the University of Arizona and his BS at Humboldt State U. On, or off the job, his interests run to physics and lasers. He was born at South Bend,

Naomi M. P. Morris (word processing systems operator/ Personnel) last worked at Teer Laboratories, Lake Mary. A native of Ashland, WI, she now lives at Winter

Springs with husband, Wayne; son, Erik, 5, and daughter, Dionne, 17 months. She holds a BA in telecommunications from Michigan State University.

J. Edward Neighbor (associate vice president and professor/ Academic Affairs) is a native of Oakland, CA, and came to UCF from Northeastern University, Boston. He earned his PhD in physics and MS in math at MIT, and a BS in physics at Stanford. He and wife, Teresa, are parents of daughters Jessica, 22, and Elizabeth, 17. Their home is in Winter Springs and his hobbies are piano and tennis

Janet J. Morrison (custodial worker/Building Services) was born in Ohio and now lives at Orlando where she was last employed by the Martin Co. Her family includes sons Toby, Wesley and Tommy, and daughter, Lillian.

Muthusamy V. Swami (research engineer/FSEC) moved up from graduaté student assistant at FSEC. A native of India, he earned his bachelors in mechanical engineering from

the University of Madras, and his masters in the same field from the Indian Institute of Technology. He is a PhD candidate at Florida Institute of Technology. He and wife, Jaya, and son, Vijay. 5, live on Merritt Island. While he likes to work on cars, reading and computers, he likes best being with his family.

Katriena R. Ver Straete (senior clerk/Housing) comes from Moline, IL, and worked for the Department of the Army at Rock Island, IL. She earned a BA in physical education from Augustana College, Rock Island. She and husband, Ronald, live at Winter Park with son, Michael. Reading, bike riding and swimming are her favorite hobbies.

Phyllis L. Ruscella (associate librarian/NTC) comes from Pittsburgh and worked for the Pittsburgh Board of Education. She earned degrees at Pennsylvania State U., University of Pittsburgh and Fairleigh Dickinson University. She now lives at Longwood and her hobbies are reading, writing and sailing.

Shirley A. Madison (clerk typist/Police) worked for McCuen Paint & Wallcovering, Orlando, before joining UCF. Born in Orlando, she now lives at Oviedo with husband William. They are parents of Daniel, 20, and Melissa, 17. Walking and yard work are her favorite pastimes.

Katherine O'Hara (clerk typist/ Student Health Center) is a native of Middletown, NY, now living at Orlando. She was employed by Team Services Temp, before employment by UCF. Traveling, meeting new people and art are her special interests.

Ernie Penaroque (storekeeper I/ Computer Services) was a logistics analyst and computer operator at Northrop Corp. This native of Las. Piedras, Puerto Rico, lives at Orlando and attended Valencia CC before earning a BSBA at UCF. Retired from the Air Force, he is a past president of the East Orange County Chamber of Commerce and his name is included in the FTU capsule to be opened in the year 2026. He has three grown children, Ernest Jr., Anita and Antonio.



Charles Unkovic (Sociology) was co-director of a three-day seminarworkshop on alcohol and drug dependency sponsored by Extended Studies. the National Committee for the Prevention of Alcoholism and Drug Dependency and the Metropolitan Alcoholism Council of Central Florida in Orlando in February, Unkovic: Library Director Anne Marie Allison and UCF faculty membersJefferson Duffy (Criminal Justice), Kathy Cook (Allied Legal Services), Joyce Dorner (Nursing), Steve Levensohn (Philosophy),

William Wooten (Psychology) has had a paper entitled "An Application of Structured Job Analysis to Internal Manpower Planning" published in the Annual Proceedings of the Association of Human Resource Management and Organizational Behavior. The paper was presented last year at HRMOB's regional conference held in Clearwater. Wooten also appeared on Channel 35's "For Kid's Sake" series in March, discussing the psychological effects of racism on both minority and majority group members.

Dave Jones (Anthropology) and

Frances Smith (Nursing) made pres-

George E. Stevens (Management) has been informed that his article "Ethical Inclinations of Tomorrow's Managers Revisited: How and Why Students Cheat" will appear in a future edition of the Journal of Education for Business. He has also learned that his paper entitled "The Job Orientation of Black and White Business Students" has been accepted by the Management Education and Development Division for this year's Academy of Management annual meeting in New Orleans.

Dave Tropf (Social Work) appeared on a March 12 "Tipton's Topics" cable TV show. His subject was welfare re-

Roberta L. Marowitz (Counselor Education) presented a workshop called "The Art of the Process of Supervision in the Age of Technology" at the American College Personnel Association and the National Association of Student Personnel Administrators annual convention in Chicago on March 18.

Margaret L. While (Instructional Programs) described results of her research in an article titled "Biosocial Goals and Human Genetics: An Impact Study of NSF Workshops", running in Science Foundation (Vol. 71, No. 2).

Lloyd W. Fernald Jr. (Management) presented a paper entitled "Managing Creative and Innovated Activities" at the fourth annual Creativity, Innovation and Entrepreneurship conference in Los Angeles. He was an invited guest speaker of the U.S. Small Business Administration, the major sponsor of the conference.

Marian Price (English) chaired a session called "Empowering ESL Writers" at the conference on College Composition and Communication, held in Atlanta March 29-31

New Director Sarah H. Pappas (UCF/DBCC) has graduated from "Leadership Daytona 1987", a 12-part series of four-hour lectures/seminars concerning Daytona Beach and Volusia County. Topics covered the important aspects of community life, including education, transportation, the legal system and social services.

John C. Whitney (Music) was guest conductor of the Belmont College Orchestra, in Nashville on March 19. He conducted for two student concerto winners and directed Sibelius' "Finlandia". A week earlier Whitney took part in a Tony Bennett performance in Sarasota.

Gary Wolf (Music) was presented in a Carnegie Hall recital by the New York Recital Associates on March 30. Pianist Wolf played compositions by Beethoven, Franck, Samuel Adler, Barber and Brahms.

Jay D. Jurie (Public Service Administration) made a presentation on "Impact Fees as a Reaction to Growth in Florida" at the 16th annual Florida Political Science Association convention in Winter Park on April 4.

John H. Salter (Accounting) made a presentation entitled "Communication or Miscommunication--It's Mostly up to You" to the Coastal Empire (Savannah, GA) chapter of the Data Processing Management Association on March 18.

David B. Slaughter (Public Service Administration) spoke to Kappa Delta sorority about alcohol awareness and the DUI laws in Florida on April 5.

Institute offers training sessions

Firms and other organizations that conduct in-house training for employees will be interested in two workshops offered by the UCF Management Institute May 12-15

The "train-the-trainer" workshops will be conducted by Dr. Ed Jones, considered one of the nation's best at the job. The first of the two offerings, 'Beyond the Classroom," will be May 12-13. Classroom training techniques will follow on the remaining two days.

All sessions will be held at the Holiday Inn Quadrangle, located across Alafaya Trail from UCF.

For information call Terry Lewis at the Management Institute, x2446.



Math awards

It was a double ceremony at the end of the term when Assistant Professor Rene Rodriquez (left) presented undergraduate mathematics awards to students seated, Randall Osteen and Kevin Peterson, and Professor Larry Andrews (right) presented graduate mathematics awards to two advanced students, standing, Naval Lieutenant Michael Dowd and Barry Delello.

(From Page 1)

UCF radar

used in the construction. As it turned out it did very well," Filler said.

"The union men we were working with were impressed that our equipment identified the cavities where people might have still survived. We identified where they found seven bodies and they already knew, or suspected where five were because dogs had indicated them," Powley-said.

Powley also carried a portable radar for readings at ground level. They completed their work in four hours and flew home without learning how much use was made of their findings.

"If the people at Bridgeport had allowed television coverage the whole nation would have known about our efforts. That kind of exposure would have made it much more likely that the next time there is a similar disaster we would be called immediately", Jenkins said

Bad times have a scientific value. These are occasions a good learner would not miss.

Emerson

The UCF Report

The UCF Report is the University of Central Florida's official publication, whose purpose is to inform the University community through announcements, official memoranda and items of general interest. Publication and announcements and official memoranda about University policy and procedures in The UCF Report constitutes official notice to faculty and staff. The UCF Report is a biweekly publication, printed at a cost of \$199.72 per issue, or 6.7 cents per copy, paid for by the Office of Public Affairs, ADM 395-J, x2504

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Commencement

(From Page 1)

yer and former speaker of the Florida House of Representatives, spoke generously of UCF's accomplishments in his address to the College of Arts and Sciences graduates.

He cited the example of UCF's student computer programming team that placed second in this year's international competition, besting such famous universities as Johns, Hopkins, Cal Tech and Harvard and said it was "a reflection of the excellence of our programs, not only at UCF, but also in the state system."

Sessums hailed UCF for its leadership in the state's objective to build a university relationship with private industry, noting that the Central Florida Research Park generated by the University has"more than lived up to its expectancies."

He concluded, "This University has become a magnet for excellence,"

Dr. Hugh Miller, executive director of the Office of External Affairs, National Academy of Engineering, said, "unless we become better able to educate our young our country will be in grave difficulty 25 years from now."

He said that students are being graduated from high school "essentially illiterate in the languages of science and math." He added foreign language skills as another deficit in the public school system and encouraged graduates of the Colleges of Education and Engineering, to do something about changing what students learn before they are college age.

UCF's engineering graduates do have great career opportunities in Central Florida, he continued, but must use every opportunity to continue learning because of the rapid changes in today's technology.

Classified

This is a free service to fulltime UCF employees

FOR SALE

Knilling violin, ½ size, bow and case, for suzuiki, over \$300 value for \$100. Canon Zoom Lens FD 100-300mm 1.5.6, with case for \$100. Call Ken White, x2606 or 629-0060.

Impala double-wide mobile home, adult park with pool; curtains, new refrigerator, washer and dryer, fenced back yard, 3 bdrm., 2 full bath, matching 9 X 10 shed, carport and front door awnings, nice landscaping, must sell—\$19,000 or reasonable offer. Call Laurie, x2771.

Pembroke Welsh Corgi Puppies
"Queen's Dog" — small, sturdy breed
especially suitable for small children,
AKC registered, champion-sired, carefully raised. Claire x2246 or Kathy
273-0489.

Amish courting buggy built in Pennsylvania, 4-wheel, open, seats 2 — \$750; training sulky, 2-wheel — \$250, (305) 656-2908 after 6 p.m.

House, Deer Run (King's Point), 3/2 split, big screen porch, formal dining room, double garage with opener, fans and verticals, all kitchen appliances, 2½ years old, near excellent schools and country club, on pond \$84,900 699-1742 after 6 p.m. and weekends.

Town house Lake of the Woods (Fern Park) 3/2½ split plan, drapes throughout, double garage with opener, lots of closets, formal dining room, screened porch. Some financing available. \$79,900, 331-5810

1982 Honda trail motorcycle, 70 cc., 2000 miles, excellent condition \$325. Jim Depuy x2425, home 365-4108. Boat, motor, trailer, skis, good condition, use for skiing or fishing, \$1,000 or best offer, must sell. x2380 or 365-3084 after 5 p.m.

FOR RENT

Furnished condo: professional male wants mature person to share, private room/bath, 5 mi. UCF, no pets. \$210 month, ½ elec/pho; \$150 deposit, lease negotiable. 645-5706.

Large house, Maitland, W-hour from campus, 4 bedrooms, 2 baths, living room, dining room, Florida room, eat-in kitchen, screened porch, fully furnished. Available July 1 through August 1988. \$800 per month. Call Ed Norman, 628-5962.

3 Bedroom, 2 bath faculty home on wooded acre near Oviedo, nearly new Unfurnished \$525, furnished, \$600, x2268 or 365-8510.

WANTED

Travel trailer under 19', good condition, self-contained, no leaks, under \$2,500. Pat, x2224 or 293-3302.

AVAILABLE

Classified ads are a free service of The UCF Report available to all fulltime employees. Printed forms may be picked up or filled out at the UCF Report office, located at Room 395E, Admin Building. Deadline for ads is on Thursday for the following Wednesday's edition.

He that won't be counselled can't be helped.

Benjamin Franklin

Report deadlines

Following are dates for upcoming issues of *The UCF Report* and when copy should be in for memos, story information and classified ads:

issue date	deadline	
May 20	May 14	
June 3	May 28	
June 17	June 11	

OFFICIAL	To Spotlight the	e UCF
BALLOT	Employee of th	e Month

I nominate	
been a University Support Po Any employee, including fac of job performance, dependa	PLOYEE OF THE MONTH. (Nominee must have ersonnel Service employee for at least one year. culty and A&P, may nominate a candidate on bas ability, attitude, etc. A name submitted remains i es until the end of the calendar year.
Reasons for your choice:	
The same of the sa	
TO SHOW THE SHOW	

Signed:

Cut out ballot and return to Fran White, Academic Affairs, AD 314.