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The UCF Report

Volume 15, Number 11

The University of Central Florida newspaper for faculty and staff

Jan. 6, 1993

Clips

Professors featured on national television

Television viewers with their channels tuned to National Geographic Explorer on TBS on Sunday, Jan. 10, or the National Geographic Special on PBS on Wednesday, Jan. 20, may catch a story on UCF anthropology professors Diane and Arlen Chase. A 16-minute feature on the Chases and their work studying the Maya culture will be featured on Explorer, which airs 9-11 p.m. Another segment will air on PBS and run about 5 1/2 minutes.

Students honor MLK at Daytona campus

A program honoring Martin Luther King Jr. will be held at UCF's Daytona Beach campus on Tuesday, Jan. 19. It is being presented by the Student Government Association, and will take place in building 34, room 309 at 1 p.m. It will feature dramatic readings and poetry. The public is invited. Refreshments will be served.

Cardiopulmonary sciences reaccredited

The cardiopulmonary sciences bachelor's program received a positive, on-site reaccreditation report from the Joint Review Committee for Respiratory Therapy Education. The report will be forwarded to the Committee for Allied Health Education Accreditation, which in return will grant the program a five-year accreditation. UCF's cardiopulmonary program is the second oldest in the nation and includes preparation for Registry in Respiratory Therapy.

Faculty play key roles at music conference

Several faculty members will play key roles at the Southern Division/Georgia Music Educators Celebration of Southern Music Convention, Jan. 28-31. Among those participating is Mary Palmer, interim dean of the College of Arts and Sciences, who will preside over the convention. Palmer, president of the Southern Division of Music Educators National Conference, will be joined by David Brunner, director of choral activities; Jerry Gardner, assistant chair of the music department and coordinator of music education; Rick Greenwood, director of bands; and John Whitney, director of orchestral activities.

No. 50,000 and counting



President John Hitt congratulates Richard Crist, the 50,000th person to receive a baccalaureate degree in UCF's history, during commencement ceremonies on Dec. 12. Crist was later presented with an engraved marble desk pen set.



Orange County firefighters battle a blaze during an experiment conducted by UCF engineering students, Dec. 4.

Students blaze new method to fight fires

An experiment headed by UCF engineering professor Fred Gunnerson proved fans can play a crucial role in saving the lives of fire victims.

The staged burning of a house in Conway helped Gunnerson, UCF students and Orange County fire fighters demonstrate a technique known as "positive pressure ventilation," where fans are used to lessen the impact of smoke, heat and toxic gases in a burning building, giving fire victims a greater chance of surviving. Fans decrease the amount of smoke and gas, reducing the chances of someone dying from smoke inhalation. Fans also heighten firefighters' chances of reaching victims by blowing away blinding smoke.

Please see FIRE, page 3

Next issue of *The UCF Report* is Jan. 20 • Deadline is Jan. 13

University of Central Florida
P.O. Box 2500
Orlando, Florida 32816
Address Correction Requested

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Memorandum

To: UCF community
From: W.H. Branch, computer services/telecommunications
Subject: SUNCOM services

Effective Jan. 1, the SUNCOM Network began offering calling services to Canada offering a 40 percent savings over the direct dialed rate. To utilize the service simply dial 8-area code-calling exchange number.

To: Deans, directors, faculty and chairs
From: Wasfy Mikhael, research committee, and Michael Bass, sponsored research
Subject: Special grants

The division of sponsored research and the UCF research committee are pleased to announce a special grants program. The objective of this grant program, and all other grant programs sponsored by the division of sponsored research is to enhance research activities at UCF. To be eligible for consideration, all proposals must clearly address this objective.

Proposals for this highly competitive program are solicited from UCF full-time faculty and/or research staff and departments to develop projects or programs that establish or enhance UCF's research activities. While these projects will be started and directed by UCF departments, faculty and/or research staff, frequently, they will involve substantial interaction with outside research groups, foundations, industry groups, institutes or other organizations that increase the project's/program's potential for becoming largely self-supporting within five years.

Proposals for special project must involve the collaborative effort of two or more UCF faculty and/or research staff. Proposals for departmental research programs must involve the collaborative efforts of a substantial fraction of a given department with the full support of the academic dean for the area. A positive and specific statement drafted and signed by the chair and the respective dean must accompany the proposal. This statement must describe the priority placed on the project by the dean and by the chair.

Start-up funding from DSR for the first year's activities will be funded up to a maximum of \$10,000 for this program. Continuation funding will be limited to a maximum of the initial grant per year for up to three years. Continuation support will require submission of proposals explaining what progress has been made and why continued DSR (not outside) support is required. Decisions on continuation funding will be made by the vice president for research in consultation with the university research committee on an annual basis. Matching resources must be committed by the researcher's department(s), institute(s), or center(s). These commitments can take the form of any combination of faculty and/or staff lines, equipment, and materials and supplies. Each project will be required to have a director who will manage the project or program and be responsible for presenting a comprehensive annual progress report to the university research committee.

Faculty, staff and department groups wishing to participate in this program are required to submit a letter of intent and a one- to two-page brief summary of the proposed project to the division of sponsored research through the college research coordinator. The brief summary should address: objectives, procedures, anticipated outcomes, and participants. No member of the university research committee is permitted to serve as a principal investigator for a special project. Full proposals are due in the division of sponsored research on March 15, and must conform to the following format.

Proposal format:

Proposals for a special grant must provide all requested information and must be limited to 10 double-spaced pages (excluding exhibits, budgets, and each applicant's one-page vita. The proposal must include the following information:

- A background statement which explains the need for the proposed development, its overall goal and the specific activities that it will encompass. This statement should identify a set of specific program objectives and when feasible indicate how success in the accomplishment of these objectives will be determined.

- A detailed organizational plan for the project. This plan should include a description of the facilities and personnel that will be required, a description of the responsibilities of the principal investigator and the staff and a statement of the specific activities that will be completed. Financial commitments from the dean and chair must be explicitly spelled out. The non-DSR support must be significant and is an important factor in the award decision.

- A detailed management plan for the continuation of the project after the first two years which indicates the major activities that will be undertaken and the way in which specific DSR-supported program objectives impact these activities. This part of the proposal should include a detailed plan for transferring the project's funding base from DSR to outside sources.

- A comprehensive statement of the project's benefit to the individual and/or department's research, teaching and public service functions. When appropriate, this statement should also describe the benefits to the state and other organizations and groups that may be affected.

- A quarterly time schedule for undertaking and completing various activities during the period of DSR funding of the project.

- Curriculum vita(e) of principal investigator(s) and all other personnel associated with the activity — this will not be included in the page count.

Submission and review process:

Proposals will be accepted by DSR until March 15. The proposal must be transmitted via the appropriate college dean's office accompanied by an evaluation by the college's (or appropriate unit's) research review committee. Upon receipt of the proposal, the vice president for research will request that the chair of the research committee appoint and appropriate committee for review and evaluation of the project. The size of this committee, its composition and the specifics of the review process will be determined by the nature of the project. The committee is advisory and the final award decision will be close to the beginning of the following year/semester or within 90 days.

Evaluation criteria:

- Appropriateness of project;
- Potential for project to become self-supporting;
- Potential for enhancing research at UCF;
- Resource commitment from the college/department;
- Degree of involvement of students/faculty;
- Potential for further research.

To: All faculty and staff
From: Scott Thayer, computer services
Subject: Spring semester computer lab information

The computer labs at the university have gone through many enhancements during the break. Much new computer equipment has been installed, although we have not yet completely gotten rid of the old IBM PCs.

We have replaced 30 IBM PCs with much more powerful clone computers using an Intel 386 microprocessor. We have also added 30 new Unix workstations to the labs.

Because of the new equipment we strongly urge you to have your students buy only 3 1/2 inch high density (HD) diskettes. The older low density diskettes that many students have been using will not work in the new equipment.

Introductory courses on using the IBM PC and the IBM Mainframe computers will be held on Monday, Jan. 18, through Jan. 29.

Any student who will be using the IBM Mainframe or the IBM PCs (and the Novell Local Area Network) for the first time is strongly encouraged to take the appropriate short course.

Courses last about an hour, are limited to 15 students, and will be held at various times throughout the day. Please have your students come to Computer Center II, room 107 and sign up for one of these very helpful courses.

To: Faculty in the department of exceptional and physical education
From: Mary Palmer, College of Education
Subject: Chair position

College of Education invites interested and qualified applicants to apply for the position of chair, department of exceptional and physical education. Applicants must be tenured and hold the rank of associate or full professor in the UCF department of exceptional and physical education. A letter of interest, faculty application, vita, and three letters of reference must be filed with the College of Education dean's office by 5 p.m., Jan. 22.

To: All departments
From: Kathy Wohlbold, Center for Multilingual Multicultural Studies
Subject: Office move

The Center for Multilingual Multicultural Studies recently moved from PC617 to TR547. Its new location is across from area travel and postal services on Libra Drive. The phone number remains x5515, while the off-campus address is now CMMS/P.O. Box 163177.

The center teaches English as a second language to international students from around the world. At this time, the center has accepted approximately 150 students from Saudi Arabia, Turkey, Spain, Morocco, Puerto Rico, Bulgaria, Japan, China and Iceland, just to name a few, for the spring semester. The majority of these students go on to complete their education here at UCF.

The center is also involved in various projects including partnerships with foreign governments to teach English abroad — as well as a travel/study program which organizes trips to 18 countries such as Kenya, Costa Rica, Belize and the Galapagos Islands.

To: All departments
From: R.D. Paradise, physical plant
Subject: Postal service operation

Last year, the physical plant implemented some changes to the postal center service policy which were effective Nov. 1, 1991. These changes allowed us to successfully meet the four mail deliveries and pick-ups scheduled between 2 p.m. and 4 p.m. Your support and understanding were key reasons for these changes being successful. Thanks for this support.

To help those new to the university, we are republishing the current pick-up and delivery schedule which is listed below:

- Department pick-up and delivery will only be made once a day. Routes will begin at approximately 10 a.m. each workday.
- A drop-off service is offered to accommodate mail that you feel must be included in that day's out-going mail shipment. You can continue to drop-off mail at the postal center until 1:30 p.m.

If you should have any questions, please contact Janice Blackwell, x2400.

Official Ballot

To spotlight the UCF employee of the month

I nominate: _____
(name) (campus address)

to be UCF employee of the month. (Nominee must have been a University Support Personnel System employee at least two years.) Any employee, including faculty and A&P, may nominate a candidate on the basis of job performance, dependability, attitude, etc. A name submitted remains in the pool of eligible candidates for one year.

Signed: _____
(name) (campus address, phone)

Cut ballot and return to personnel, EOM. (Mark envelope "confidential.")

Every ton of recycled paper saves:

- 17 trees
- 7,000 gallons of water
- 4,200 kilowatt hours of energy
- 3 cubic yards of landfill space
- And keeps 60 pounds of pollution out of the air

News to Note

FIRE, continued from page 1

By strategically placing the fans, firefighters can predict which direction smoke and gases will be blown.

In the experiment, a fire was started in a bedroom and allowed to reach a temperature of 1,500 degrees. The test was not designed to help people in the bedroom where the fire began, but the rest of the house.

Prior to starting the fans, temperature in the hallway soared to about 700 degrees and the room was filled with smoke high in carbon monoxide and low in oxygen. Moments after turning on the fans, the temperature fell to 100 degrees and the oxygen level returned to normal.

The technique would not work on an engulfed house or one with a hole burning in the roof. However, the technique does work on fires confined to one or two rooms, which is what firefighters say they encounter most.

The home used in the experiment was donated by Orlando plastic

surgeon Dean Johnston and his wife, Kathy. They plan to build a new one on the Little Lake Conway site.

Scott Williams, a UCF student and Orange County firefighter who participated in the experiment, said that testing the ventilation theory would not have been possible without the contribution of the home.

"Anything that is going to help people to survive fires is worth exploring. We are happy that the Johnstons feel strongly enough about this to donate this home," he said.

Kathy Johnston said that she and her husband tried for years with no success to donate the house to a charitable cause and were pleased that it would be of use in this experiment.

"You just can't in all good conscience destroy a four-bedroom, two-bath home that's of benefit to others," she said, adding that the items in the home went to charitable organizations.

By Samantha Gates Eaddy



A firefighter, above, sets straw on fire to begin the controlled burn. Left, a student keeps a watchful eye on equipment used during the experiment.



A student studies information collected from the experiment.



Pioneer says retirement can wait; will serve as interim V.P.

Leslie Ellis, 67, founder of the division of sponsored research, will serve as interim vice president for research, a position he helped create and held in 1969 and '70. He assumed the office Jan. 4, succeeding Michael Bass, who is taking on a research assignment.

University officials hope to fill the executive position by the end of the fiscal year, following a nationwide search.

Ellis is a founding faculty member who served at UCF as acting president in 1978, acting vice president in 1978, and provost and vice president of academic affairs 1979-86, among other duties.

Ellis retired in 1990 but has since worked at the university in various roles. Recently, he chaired President John Hitt's inaugural ceremony.

In addition to his academic career, Ellis served in the U.S. Navy from 1944 to 1946. He has authored several publications and currently acts as a consultant to major companies. He is also involved with various community projects.

Ellis received his doctorate in zoology from the University of Oklahoma in 1952. He received his master's in zoology from Tulane University in 1949, and a bachelor's degree in 1948.

Department ranks among best

The industrial engineering and management systems department has been ranked among the best in the country.

The University of Central Florida's IEMS ranks third in the nation in graduate enrollment, sixth in external support, eighth in faculty size and 12th in Ph.D. degree-seeking enrollment, according to the American Society for Engineering Education's "1992 Directory of Engineering Graduate Studies and Research."

Chair William Swart said those numbers match his department's goals.

"Because of our research efforts, our cooperative agreements with several companies and our constant strive to address the needs of tomorrow, we are going towards our goal to become one of the five most visible industrial engineering departments in the world," he said.

Some projects undertaken by the engineering department are air traffic control simulation training system, space operations management and productivity, restaurant/fast food operations and productivity, and evaluation of the computer-assisted "smart car."

IST creates high-tech battlefield to make training more realistic

The Institute for Simulation Training has taken the lead in developing a system that permits otherwise incompatible military simulators to share a common electronic battlefield. Simulators plugged into the newly developed Distributed Interactive Simulation system share visual and operational data, thus allowing military personnel to train under more realistic conditions.

The first live demonstration of the system was given at the 14th Interservice/Industry Training Systems and Education Conference held recently in San Antonio. More than 2,000 military and civilian training professionals attended. A battle was simulated in which a variety of tank, ship and aircraft simulators fought on a common electronic ground. The demonstration showed how simulators

in different locations could communicate via DIS. Until a week before the conference, DIS existed only on paper.

IST Executive Director Louis Medin said the success of the DIS demonstration gives IST international recognition as the focal point for simulation research and education.

"The simulation community is excited over the scope and success of the demonstration. Nothing like it has ever been done before," he said.

International standards are being set up to assure that future simulators are capable of networking.

IST is an internationally recognized research institute that focuses on technology advancement in training and training systems, education and simulation and modeling.

Classified

For sale

Baby items, white crib w/mattress in excellent condition, almost new stroller, high chair, swing, toys, organizer, more. x2580 1-5 p.m. or 671-9250 after 5 p.m.

Bunk beds, good condition, \$100. Upright piano, needs tuning, \$100. 644-2823.

Golf clubs, \$60. x2855 or 249-0853 after 6 p.m.

House, 4/2, in Oviedo, w/ screened-in pool, lovely towering oaks, brick courtyard. \$99,921. Michelle, 645-8275.

Miscellaneous, 2 twin box springs and mattresses, bed

frames, custom padded king headboard, beautiful quilted king bedspread, solid maple, console stereo-phonograph, console 25 inch TV, more. Owner moving. 679-8788.

Nintendo system, complete w/ joystick, 2 controllers, zapper, 15 tapes. Jo Nell, 869-1646.

For rent

Bedroom, furnished, quiet. Kitchen facilities. Full-time employees or students. Pools, tennis courts, etc. Fairways, app. 5 mi. from UCF. \$215 mo., 1/3 utilities. First mo. deposit. No smoking. References. Shirley, x5842 or 281-6533, after 2 p.m.

Bedroom, furnished, kitchen facilities, utilities included. Winter Park area. \$300 mo. 644-2823.

House, 3/1 with garage, large in-ground pool, central heat/air. 5 miles from UCF. Pest and pool service supplied. \$630 mo. 282-4576, after 6 p.m.

House, 3/2, 2-car garage, 9889 Balmora Circle, Hunter Trace subdivision, University and Dean Road, 3 miles from university. Central heat/air, screen back porch, excellent condition, quiet neighborhood. \$775 mo. 677-8256.

House to share, 4/2, spacious in Park Manor. \$275 mo., 1/3 utilities. Cathy, 382-5131.

Miscellaneous

Auto detailing, anything on wheels. Gordon, 657-6010, beeper 623-4570.

Calendar

Courses:

The Institute of Government is sponsoring the following courses. For information, call 423-6335.

- Thursday, Jan. 7, **Secretarial Development Program**, 9 a.m.-4 p.m.

The Center for Executive Development is offering the following courses. For information, call x2446.

- Tuesday, Jan. 19-March 23, **Contract Negotiations**, 6-9 p.m.

- Wednesday, Jan. 20-April 28, **Management Development Series**, 8:30 a.m.-4:30 p.m.

- Jan. 21-March 25, **Cost and Price Analysis**, 6-9 p.m.

The Center for Continuing Education is sponsoring the following courses. For information, call 249-6100.

- Jan. 25, **Fourth Multidisciplinary Conference on Sinkholes**.

- Jan. 29 and 30, **Symposium for Fitness Professionals**.

- Feb. 10-March 16, **GMAT Test Review**.

Lectures:

The World Writers Series, sponsored by the English department and The Orlando Sentinel, began this month. Authors are:

- Feb. 18 and 19, **Alan Cheuse**, author of "The Bohemians," "The Tennessee Waltz and Other Stories," and a commentator on National Public Radio, will speak at the

Winter Park Library at 5:30 p.m. on Feb. 18, and in the board of regents room in the administration building at 1 p.m. on Feb. 19.

- April 16, **Bharati Mukherjee**, Indian novelist, winner of the National Book Critics' Circle Award for "The Middleman and Other Stories," will speak in the board of regents room at noon.

Miscellaneous:

- Thursday, Jan. 14, there will be a reception for Zalman Shoval, Israel's ambassador to Washington, in the visual arts building, at 6:30 p.m. For information, call x5039.

- Tuesday, Jan. 19, a program honoring **Martin Luther King Jr.** will be presented by the Student Government Association, Daytona Beach campus, in building 34, room 309, at 1 p.m.

Music:

- Friday, Jan. 15, a guest **clarinet and saxophone recital** by Gerald Farmer, music professor at West Georgia College, will be held in the music rehearsal hall at 8 p.m. For information, call x5116.

Seminars:

The Institute of Government is sponsoring the following seminars.

- Feb. 4, **Sexual Harassment Lawsuits in the Workplace: Everything You Need to Know ... and Hope You Will Never Use,**

at the Radisson Plaza Hotel Orlando, 1-4 p.m. For information, call 423-6335.

The Center for Executive Development is offering the following seminars. For information, call x2446.

- Wednesday and Thursday, Jan. 6 and 7, **Managing & Improving Warehouse Operations**, 9 a.m.-4 p.m.

- Monday, Jan. 11, **How Adults Learn**, 8:30 a.m.-4 p.m.

- Tuesday and Wednesday, Jan. 12 and 13, **Planning, Designing and Evaluating Programs**, 8:30 a.m.-4 p.m.

- Thursday and Friday, Jan. 14 and 15, **Proven Classroom Training Techniques**, 8:30 a.m.-4 p.m.

- Feb. 8 and 9, **Essentials of Management for Warehouse Supervisors**, 9 a.m.-4 p.m.

- April 12, **How Adults Learn**, 8:30 a.m.-4 p.m.

- April 13 and 14, **Planning, Designing and Evaluating Programs**, 8:30 a.m.-4 p.m.

- April 14 and 15, **Proven Classroom Training Techniques**, 8:30 a.m.-4 p.m.

- July 20 and 21, **Planning, Designing and Evaluating Programs**, 8:30 a.m.-4 p.m.

- July 22 and 23, **Proven Classroom Training Techniques**, 8:30 a.m.-4 p.m.

Workshops:

- Jan. 23, a **National Dance-Exercise Instructor's Training Association** workshop will take place in the UCF

Arena, 9 a.m.-5 p.m. For information, call 800-237-6242.

- Feb. 27, a **National Fitness Association Step Fitness Basics** workshop will take place in the UCF Arena, 8:30 a.m.-4:30 p.m. For information, call 800-775-3488.

The Institute of Government is offering the following Level II: Administrative Aspects Code Enforcement Certification Training Workshops. For information, call x6335.

- Thursday, Jan. 7, **Computers in Code Enforcement**, 9-11 a.m.

- Wednesday, Jan. 13, **Alternatives to Code Enforcement**, 1-5 p.m.

The Small Business Development Center is offering the following workshops. For information, call x5554.

- Friday, Jan. 7, **Business Plan Writing**, 9 a.m.-1 p.m.

- Monday, Jan. 11, **Government Contracting Basics**, 9 a.m.-noon.

- Tuesday, Jan. 12, **Recruiting the People Who Create the Difference**, 9-11 a.m.

- Thursday, Jan. 14, **Recordkeeping and Taxes**, 9 a.m.-noon.

- Tuesday, Jan. 19, **Create a Winning Direct Mail Campaign**, 9 a.m.-noon.

- Jan. 21, **Introduction to International Business**, 9 a.m.-noon.

- Jan. 28, **Product Innovation**, 9 a.m.-noon.

Display details Jewish life in Florida

The Judaic Studies Program and Jewish Student Union will host MOSAIC's Orlando Module beginning Tuesday, Jan. 12 in the main lobby of the library.

The exhibit module is one part of the traveling exhibit, MOSAIC: Jewish Life in Florida, a colorful tribute to the economic, civic and educational contributions made by Jews to the state. The exhibit has attracted more than 200,000 visitors in nine Florida cities.

MOSAIC examines where Jews came from, why and when they came to Central Florida, what they did for a living, how they contributed to the community, how they interacted with other ethnic groups and how they reacted to world events. The exhibit also explores Jewish events and observances and the formation of synagogues and other Jewish organizations.

For five years, volunteers across the state examined the private collections of hundreds of families,

some who have lived in Florida for eight generations. The volunteers sought out Jewish pioneers and immigrants and inventoried their memorabilia and photographs as well as conducted oral interviews to document their stories. In all, more than 6,000 items were identified. Of that number, 100 items pertain to Orlando.

The local exhibit is organized by chronological periods, beginning with a meeting in 1875 where the incorporation of Orlando was discussed.

News to Note

University center hosts 17 delegates from Orlando's sister city in Japan

The UCF Center for Multilingual Multicultural Studies recently hosted a visit from a 17-member delegation from Urayasu, Japan. The Japanese city, located southeast of Tokyo, is home to Tokyo Disneyland and is considered Orlando's "sister city."

Delegates from the island nation made the trip to gain a better understanding of their American sister city through educational and cultural activities. Participants included

Japanese business professionals and university students.

As part of their cultural activities, the Japanese delegates toured UCF and visited American homes in order to experience the American lifestyle. The UCF tour was part of a seven-day tour that the friendship delegation conducted while in Orlando. The home visits and the tour were made possible through the cooperative efforts of the Multicultural Center and

the Japanese-American Society.

The center has coordinated several educational programs for the Urayasu School Board. Each year, the center sends four assistant English professors to teach in the middle schools of Urayasu where they are employed by the Urayasu City School System.

The center also provides summer programs for teachers from Urayasu so that they can gain a better understanding of American culture.

The UCF Report

The UCF Report is a publication of the department of public affairs, division of university relations, University of Central Florida, P.O. Box 25000, Orlando, FL 32816, (407) 823-2504. Publication of announcements and official memoranda about university policy and procedures in *The UCF Report* constitutes official notice to faculty and staff.

David Finnerty, editor
Irene Chandler, editorial assistant
Bill Thomson, photographer