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The UCF Report

News and Announcements for the Faculty and Staff of the University of Central Florida



Knight Notes

Just a reminder—the second in the four-part series of programs on cancer information is planned for next Tuesday in the Third Floor Board Room of the Administration Building with Dr. Thomas Sawyer as guest speaker. The hour-long program will focus on the seven danger signals of the disease. The forum begins at 11 a.m. and all employees are encouraged to attend.

You can enjoy a Sunday afternoon at the theater and save a couple of dollars to boot! The University Theater invites all faculty and staff members to attend its production of Shakespeare's "The Tempest" at 2 p.m. Sunday for a cost of only \$1. Please note that the \$1 admission is for the Sunday matinee only and the regular \$3 ticket price prevails for all other performances.

Have you run into Ted Rajchel (Co-op Education) lately? If so, you have

VIP visitors view 'U'

If this is Thursday, it must be Orlandol Members of a touring legislative contingent that visited the state's public universities last week are welcomed by UCF's Alan Fickett, prior to a series of briafings at the University. While Fickett is introduced to Rep. Frank Mann (D-Ft. Myers) by Sen. Pat Frank (D-Tampa), second from right, chairman of the Senate Education Committee, Rep. Fran Carlton (D-Orlando) heads for caravan to the campus, where the group heard presentations on the Central Florida Research Park, Dick Pope Sr. Institute on Tourism Studies, and the BCC-UCF Lifelong Learning Center, and toured engineering and computer science labs





Roland Lee, president of the Orlando Area Chamber of Commerce, makes a point during a discussion of UCF's role in the area's future and the critical enrollment cap situation during a Friday morning session at the Student Center attended by area chambers of commerce officials, business leaders, and legislators. Joining Lee on the platform are, from left, Bill Schwartz, president of International Laser Systems; Ida Cook, chairman of the UCF Faculty Senate; and Dave Lenox, representing UCF Student Government.

Foundation sets \$850,000 goal

Reliance on tax dollars alone for support of Florida's fastest growing state university may drastically curtail future growth and quality education in Central Florida at a time when the area finds itself committed to rapid progress. With less than 53 percent of our current operating budget coming from tax assistance, the need for private resources is paramount in order to achieve proper response to the "tremendous growth being experienced in all sectors of our area economy," President Colbourn declared. While this growth is welcome, with it come some serious problems for UCF. Can we serve the needs of an expanding and diversifying economy? To what extent will we be able to respond to mounting enrollment pressures? Will we secure necessary physical facilities and needed faculty, or must we continue to deny admission to increasing numbers of wellqualified students, many of them place-bound residents of Central

Florida," the President asked. In order to meet some of the needs that now exist at UCF, a community-wide effort to raise \$850,000 has been launched. The support from such private sources would greatly aid UCF's efforts to maintain and improve quality in a number of key areas, said Leslie L. Ellis, vice president for Academic Affairs. Among the goals that can be accomplished with targeted funds is an increase in scholarships to attract talented and promising students, an ability to purchase special instructional equipment, the opportunity to augment faculty salaries to attract and retain top teaching and research talent, and the establishment of a significant amount of "unrestricted" funds to be used in teaching and research.

dimensions or academic excellence and growth."

The misconception held by many that UCF is a tax-supported institution creates a problem, explained John Philip Goree, vice president for Business Affairs. "It is frustrating to be a prisoner of a myth," Goree said. "The truth is, UCF is a tax-assisted university. Only 52.3 percent of the \$53.5 million current operating budget comes from tax dollars. The balance is derived from student fees, sales of goods and services, governmental contracts and grants, and private gifts." Goree viewed with optimism what he termed "an emerging attitude that business must invest, with donations and research budgets, in specified programs that seem to have the most promise for the good of society." Such private support of UCF is a must in order to achieve the kind of quality Central Florida business and industry has come to expect, FOUNDATION, page 7

probably seen a copy of one of the cutest "business cards" that's come down the pike in a long time. Along with the usual name, address, and phone number is the proud proclamation, "Grandfather," neatly centered under his name. Seems daughter, Barbara, and her husband, Bob Glotfelty, presented Rajchel and his wife, Irene, with their first grandchild, a boy, on Feb. 2. By the way, the parents are both UCF Political Science grads, now residing in Virginia. And what's baby's first name? Thaddeus, of course.

"As I see it," said Ellis, "it's time for the people of Central Florida to ask themselves if it is worth the concentration, effort, and money required for a public university, such as UCF, to achieve greater

Official Memoranda

To: From: Subject: All Faculty L.W. Walker, director of Libraries Course Reserves for Spring Quarter 1981

Please begin planning now for spring quarter course reserves. To assure that materials to be placed on reserve for your courses will be ready at the beginning of the quarter, it is imperative that your requests be received no later than March 26.

Restrictions imposed by the copyright law make it important that you read and understand the Library's course reserve policy. Copies of this policy and the forms for requesting course reserves are available at the Circulation/Reserve Desk in the first floor lobby.

To: All Faculty and Staff From: Subject:

L.W. Walker, director of Libraries **New Library Checkout System**

The library will begin using a new computerized circulation system on March 23, for checkout and return of books.

Your UCF photo ID card will be "converted" to serve as a library card. This conversion involves the linking of the bar code number on the back of your ID card to the borrower record we have already added to the computer. To do this it will be necessary for you to bring your new photo ID card to the Library. We will have tables set up for this purpose in the lobby from 10 a.m. until 4 p.m. Monday through Friday until March 13, then again from March 23 to March 27.

Once we begin using the new circulation system, you may have your card converted at the Circulation Desk any time the library is open

-In case you missed 11

This advertisement was printed in yesterday's Sentinel Star. It is the first in a series of five ads, sponsored by the UCF Foundation and paid for by several leading corporations, designed to inform the local community of the University's need for private funding to supplement state appropriations. The ads help kick off the largest annual fund drive ever conducted by the UCF Foundation. The UCF Report will be reprinting the entire series of ads in the coming weeks.

more private money."

NO. 1 OF A 5 PART SERIES

"If the University of Central Florida is to meet the

challenges it faces . . . it is going to require a good deal

Trevor Colbourn

President, UCF

Each of us is asked periodically to give special support to something we

believe in strongly. Now, more than ever, the University of Central Florida has need for that special assistance from those alumni and friends who, over the years, have demonstrated their commitment to making UCF what it is today — Florida's fastest growing state university.

It is no secret — indeed Federal and State statistics shout the fact — that the South is assuming an increasingly greater share of the economic leadership of the entire country. Recent announcements by Western Electric, Westinghouse Electric and the Burroughs Corporation indicating they plan to locate or expand in Central Florida prove that our region is already sharing in this growth. Among the reasons for this shift in the balance of economic power is our state's great natural resources; land, water, and warm climate.

While this growth is welcome, with it come some serious problems for UCF: Should we and can we know the further growth and development that so many assumed? Can we serve the needs of an expanding and diversifying economy? To what extent will we be able to respond to mounting enrollment pressures? Will we secure necessary physical facilities and needed faculty? Or, must we continue to deny admission to increasing numbers of wellqualified students, so many of whom are place-bound residents of Central Florida?

The answer to these questions may well determine the role UCF plays in the

Don't worry, there's time to register

There is still time to register for this year's Woman's Worry Clinic to be held March 13, beginning at 9 a.m., at the First Presbyterian Church in Orlando.

The annual seminar, cosponsored by the Orange County Medical Society Auxiliary and UCF's Dean of Students office, will feature a wide range of workshop topics of particular interest to women. On the agenda will be advice on money and credit, male-female communication, anxiety, teenagers, education and employment, creative decorating, exercise, dressing in style, and protecting homes from burglarly.

Highlighting this year's clinic will be keynote speaker Letitia Baldrige, who will examine "Choices in a Woman's Life." Baldrige, a witty social commentator, first achieved recognition as Jacqueline Kennedy's White House press secretary, and as aide to Ambassador Clare Boothe Luce in Rome

Author of several books, she writes a column for the Los Angeles Times syndicate titled "Contemporary Living."

The \$5 registration fee includes refreshments, lunch, and admission to the keynote address and three of the nine workshops offered. Deadline for registering is March 6. For further information, call the Office of the Dean of Students, x2824.



education of future generations and the extent to which Central Florida will share in future economic rewards. If UCF is to meet the challenges it faces today and in the future, it is going to require a good deal more private money. Tax-dollars provide for basically sound universities but, the fact is, great public universities are built by private bequests, gifts and grants. Frankly, UCF needs increased private support from alumni, corporations, foundations and other friends in order to meet this challenge. We must prepare now.

This public service message sponsored by

George Stuart

UNIVERSITY OF CENTRAL FLORIDA FOUNDATION

 J. Blair Culpepper, President Alan C. Starling, Annual Fund Chairman UCF FOUNDATION, INC. ORLANDO, FLORIDA 305-275-2502

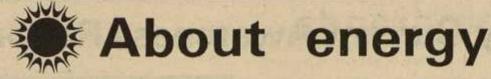
Jassitieo

For Sale: Boy's indoor speed skates. Pacer Plate, size 7 Cyclone boots, bell toe stop, metaflex wheels. Used just three times. \$75. Call 647-5517 evenings.

For Sale: 1980 CX 500 custom Honda, Water cooled engine drive shaft, \$1,700. Excellent condition. Call Cheryl Smith, x2535

For Sale: 1976 Sol Cat. Verv fast and sharp looking 18-foot catamaran. Blue sails, blue hulls, trailer, sail tube, equipment box. \$1,800. Call Renee, x2161.

For Sale: Sofa, loveseat and coffee table. Perfect condition. \$100. Call Cheryl Smith, x2535.



By Florida Solar Energy Center

A growing number of inquiries about photovoltaic cells (solar cells) are being received at the Florida Solar Energy Center. These are the magic little wafers that convert sunlight directly to electricity. FSEC has nearly 6,000 of them mounted on the roof of its photovoltaic research house to power the lighting and appliances, including the water heater.

Following are some facts and figures about solar cells provided by Arthur H. Litka, manager of the research house project and an engineering graduate of UCF:

At present, an individual four-

inch cell costs from \$7 to \$10 and produces about one watt of electricity in bright sunlight. To put this into perspective, it would take about 10 such cells to light a small Christmas tree bulb. For all practical purposes, modules consisting of 30 to 35 cells connected electrically within a sealed unit are used. These modules produce about 35 watts under noontime sun conditions and cost about \$300 each in quantities of 25 or more. The voltage level available across the terminal is normally 12 volts. Because these prices are so

exorbitant, only specialized

applications such as space vehicles and remote low-power installations can economically utilize solar cells today. However, if the 10-year, \$1.5 billion federal PV program succeeds, residential photovoltaic systems could be a commercial reality before the end of the 1980's.

Such systems would not offer the homeowner total energy independence, since power would still have to be drawn from the utility company line at night and during inclement weather. But, since the line would operate as a two-way carrier, excess PV power generated on very sunny days would flow back into the utility grid. The homeowner would thus earn "energy credits" to reduce his monthly bill.

Of course, many technical, economic, and legal questions must be resolved before this idea can be practically implemented. It is for these reasons that FSEC has undertaken the PV residence project. Hopefully, through cooperation with utility companies, architects and building contractors, building inspectors, the financial community, and the Public Service Commission, FSEC's PV research house will help pave the way for a smooth introduction of this exciting technology into the Florida residential marketplace.

A fair amount of engineering

Ah, the fun you can have at a fair! It was no different at UCF's annual Engineers Fair, held last week, at which students competed in such time-honored events as the balsa bridge contest, below, and the equally smashing egg drop. When the final sliver of balsa had broken, Alfredo Ruiz was declared the winner with his 27-gram entry that withstood 220 pounds of lead and sand, and set a new strength-ratio record to boot. The egg Eugene Parchet is proudly exhibiting emerged unscathed from a five-story drop from the roof of the Engineering Building, but it wasn't good enough for a win. Students not only had to end up without egg on their faces, but were also judged on the speed of descent of containers they designed, and proximity to a target on the ground. This year's fair was hailed as "the best ever" by Melanie Huang, chairman for the sponsoring UCF student chapter of the Florida Engineering Society.





He trades work schedules for fishing pole

By Terri Naylor

custodial workers. We only had two buildings to care for then, the Library and the Science Building." Naturally, his department grew with the University. Now, Prescott and his staff—numbering 48 fulltime employees and 22 past time

Student Writer

Lloyd Prescott originally came to Florida a dozen years ago "to do a lot of fishing." Come the end of February, he will have the time to do just that as he is retiring as UCF's first and only superintendent of Building Services.

Retiring from the Navy as a chief petty officer in 1965, Prescott worked for George Washington University in Washington, D.C. for 3½ years before moving to Florida where things weren't so "contrary," he said.

After wending his way southward to Winter Park, Prescott first thought of working at Orlando's new Naval Training Center but opted for joining the ranks at Orlando's new University instead. Hired as a supervisor, Prescott said when he first came to UCF, "there was myself and five



time employees and 23 part-time students—are responsible for the "cleanliness" of 10 University buildings and various satellite structures, such as the Police Department, the P.E. Building, temporary classroom buildings, and the Water Treatment Plant.

Retirement plans call for another move. This time to New Smyrna Beach where he and his wife are building a new home within walking distance of the beach.

"I'll almost be able to throw my fishing line out the kitchen window," he chuckled.

And keeping in touch with former co-workers won't be too difficult as his new neighbor in New Smyrna Beach will be Phyllis Partyka, who retired in January as a secretary at the Physical Plant.

Casting his line in the salt waters of the Atlantic won't be Prescott's only venture into the outdoor sport of fishing.

He also intends to buy a cottage in "the North Carolina hills."

"I'm going to spend a lot of the summer months there," he said. "You can really catch some nice sized trout in those streams. Why, I can go out at six in the morning and have my limit caught in two hours. Now that's really fishing!"

You're invited

All faculty and staff members are cordially invited to attend a farewell reception honoring Lloyd Prescott, Building Services superintendent, who will be retiring Friday.

The reception, slated for 2-4 p.m. tomorrow, will be held in the Employee Lounge of the Physical Plant.

UCF Library Current Awareness Report

A special bi-weekly report from the UCF Library

The Current Awareness Report, published by the Library since 1969, offers excerpts of newspaper articles dealing with important issues and developments in higher education. Complete articles are available from the Reference Department, UCF Library, P.O. Box 25000, Orlando, Florida 32816.

LIBRARY PROVIDES CLUE TO QUALITY—St. Petersburg Times, 2/8, p. 6F.

"Students planning spring trips to visit prospective colleges will do well to take a close look at each campus library if they want an accurate barometer of the school's academic climate, suggests a university librarian. John P. McGowan, head librarian at Northwestern University here (Evanston, III.), says that in addition to checking out tuition, living costs and such factors as the quality of the faculty, the breadth of the curriculum and the occupational success of the school's graduates, prospective students should inspect the library He feels there are several criteria that might be kept in mind by students who visit libraries at prospective schools: What is the library's total collection and what does it spend each year for books and periodicals? What provisions are made for orientation of new students? Most academic libraries are monumental in size compared with high-school libraries and most students need help in making the transition. How does the library relate to the rest of the university? Does the library staff include resource people with advanced degrees in various subject areas? What is the targeted seating? Is there nearly always a seat available at the library for a student wishing to study? What hours is the library open? Many students like to study late and need library resources. Does the library accommodate a wide range of abilities and interests? Are graduates and undergraduates segregated? How is the 'comfort index' for students using the library? Is it designed for convenience and is there adequate privacy for students requiring high levels of concentration?"

NEW AT HARVARD: SELF-ASSESSMENT 101-(by Ann Crittenden) New York Times, 2/1, p. 6F.

The son and grandson of chief executives, he was born and raised to lead the major corporation his family had founded. He had never questioned his destiny, and in his early 30's, he decided to cap his training with a degree from the Harvard Business School. He was in for a surprise. He did so well at Harvard that he was asked to teach one of the school's toughest courses after graduation. But last fall, he took a course called Self-Assessment and Career Development. He wrote an autobiography, took Rorschach tests and kept a journal filled with everything he thought and felt over 24-hour period. Now, he is trying to decide whether to become a politician, a columnist, a comedian, or a rock and roll singer. What is going on at the Harvard Business School? Four of its most popular courses these days, attracting 20 percent of second-year students, are not 'hard, quantitative exercises in number-crunching. Instead, they deal with such 'soft,' subjective subjects as interpersonal relations, power and the executive family The archetype of these courses is Self-Assessment, an elective that would shock the tassled shoes off conventional corporate executives. Designed to help students discover more about who they are, so they can better determine what they want to do, last fall's class involved discussions of family conflicts; readings on such topics as "Why good managers make lousy fathers';



GOOD ARENA FOR MBAs: SMALL FIRMS, NONPROFIT SECTOR—(by Carole Carmichael) Chicago Tribune, 1/28, Sec. 4, p. 3.

"Not long ago the average business school graduate could expect to be wined and dined by recruiters from the nation's companies and then settle back to choose which high-paying corporate ladder to scramble up. But those days are pretty much over. The master's degree in business administration (MBA) is attaining the same status in the business world as that of a bachelor's degree: Not much. The National Center for Educational Statistics reports that there are more than 50,000 students graduating from approximately 500 MBA programs throughout the country each year. MBAs are 'turning up under any stone you can lift up,' concedes Carol Walnum, assistant dean in charge of placement at the J.L. Kellogg Graduate Schools of Management at Northwestern University. One area left for MBAs, Walnum adds, is the small, entrepreneurial firm where the starting pay is lower but the chances for rapid advancement, perhaps even equity ownership, are greater than at Fortune 500 firms. But most students are unaware of or ignore those possibilities."

CENTER GIVES CAMPUS RESEARCHERS A BRIDGE TO ENTER BUSINESS WORLD—(by John Helyar) Wall Street Journal, 2/2, p. 19.

"A colony of 63 fledgling businesses fills eight buildings on Philadelphia's Market Street, just at the spot where the boulevard rises. Perhaps there's irony in locating new little companies along an uphill climb, but there's comfort, too. This is the University City Science Center, an unusual halfway house for academicians trying to make it in the business world. The center helps embryonic enterprises by providing low-cost administrative support and a collegecommunity environment in which ideas and skills are shared. The purpose: to bring the fruits of campus research to the marketplace. In the windowless cubicle that serves as headquarters for Interspec, Inc., a tousled Ph.D. candidate sits in a corner, peering at numbers on a computer terminal that represent readings from an antenna in a nearby tank of water. 'This,' he says, 'could eventually mean cancer diagnosis without X-rays.' A floor above him, 300 white mice are being used by Centocor, Inc. to clone cells for production of refined antibodies. Up another flight of stairs, the office of Radiation Management Corp. is decorated with a U.S. map, dotted by 18 pins. that represent nuclear power plants. 'If there's an accident,' says Dr. Roger Linnemann, president, 'we're ready to go.' Like other companies at the center, these three share a knack for survival. Randall Whaley, the center's president, says he recalls fewer than half a dozen failures during his 11-year term. A major reason: selectivity. 'I'm a dreamer myself,' he says, 'but you can't sell dreams. These firms have to show us they've done sound business planning."

HIGH-TECH GRADUATES OFTEN FIND DISAPPOINTMENT IN

and movies like 'A Tale of O's,' about the pain of being an outsider (read 'woman' or 'minority') in an organization."

HARVARD BUSINESS GRADS: \$31,000/YR. AND COUNTING-(by Marshall Ingwerson) Christian Science Monitor, 1/29, p. 2.

"There is no recession here, little romance, and just a few wellbred illusions. Only inflation registers, and graduates of the Harvard Business School keep well ahead of it. As recruiting season opens this week for the 1981 class, hundreds of the world's richest, most glamorous firms start reserving suites in the Hyatt Regency Hotel in Cambridge, Mass. In those rooms, the best and the brightest from the business school across the Charles River will be interviewed by those who pay the most. But all the prestige and bargaining power is by no means on the hiring side of the coffee table. Some of the toughest questions may well come from the 'hirees.' And many students will be putting questions to their interviewers that were less often asked in the past. Life-style factors-location, spare time, family, health-are becoming a more explicit part of the career equation. Still, there is one thing everyone in the Harvard Business School (HBS) class of '81 is aware of: the median starting salary. It was \$31,000 last year. This year it is expected to be about \$34,000 or \$35,000. Graduates of the Stanford University business school in Palo Alto, Calif., perhaps Harvard's chief competitor as a finishing school for the business establishment, were hired at a median of \$32,000 last year."

LIFE-(by William Trombley) Los Angeles Times, 2/10, p. 20.

"It might be thought that graduates of the nation's finest science and engineering schools would move, almost automatically, into top management and research jobs. But Benson R. Snyder, a psychiatrist and administrator at the Massachusetts Institute of Technology, is finding that this is not necessarily so. Snyder is studying MIT graduates of the class of 1965, now 15 years into their working careers, and has found that some are successful by society's standards but others are not. He has also found that some graduates who might be judged successful by outsiders consider themselves to be failures, or at least feel they have not lived up to their potential....In a recent talk at Harvey Mudd College in Claremont, Snyder described some of his early findings. One scientist appears to be doing the kind of highlevel research for which his MIT education prepared him, yet described his life as an 'upside down wedding cake,' with its successes behind him. The scientist does not spend much time on the kind of work that truly excites him, since the nature of that work has changed, and does not have the kind of satisfying contact with colleagues he had hoped for. He also has had personal problems On the other hand, a student who was told early in his MIT career that he never should have been admitted, has made a career in the medical uses of computer science which has been personally satisfying and financially rewarding."

CURB ON CODE RESEARCH STIRS ACADEMIC CONTROVERSY—(by Bernard Weinraub) New York Times, 2/10, p. 10.

"A decision by a group of scholars to restrict publication of computer research on secret codes has heightened a two-year controversy in the academic community and raised questions about a contradiction between a researcher's right to academic freedom and an intelligence agency's job of protecting national security. Over the weekend, a nine-member academic panel met here (Washington) and voted, 8 to 1, to support a voluntary plan under which computer scientists working on cryptography, or codes, which submit their studies to the National Security Agency before publication. The decision was made against a backdrop of increasing concern by the Government, as well as some scientists, that highly technical and basic research in mathematics, engineering or computer science can be applied to devising or breaking military codes. Secret codes are also used extensively and often internationally by banks, stock brokerage firms and pension funds. Supporters of the plan maintain that uncontrolled publication of research results in cryptography may have an adverse effect on national security. Opponents contend that it would blunt research, drive away students and create a precedent that would lead to legislation limiting computer work on codes."

THE SELLING OF U.S. COLLEGES AND UNIVERSITIES—(by Lawrence Feinberg) Washington Post, 2/11, p. 1.

"For Elizabeth Fortson, a senior at Georgetown Day School in Washington, this winter has been a time to search for colleges-but not nearly as hard as they've been searching for her. An honor student and a National Merit Scholarship semifinalist, Fortson said she has filled two shopping bags with letters from colleges asking her to apply. Included are such prestigious schools as Stanford, Brown and Massachusetts Institute of Technology. 'It's kind of flattering,' she said about being approached by 200 colleges, 'but after a while you begin to wonder what's going on.' The flood of letters-many of which Fortson has thrown away-is part of a torrent of direct-mail advertising, marketing and recruiting that reflects drastic changes in college admissions over the last decade. Campus buildings and faculties have continued to expand while the number of high school graduates has leveled off, increasing the competition for new entrants--strong students at top-ranked schools, any student at many schools."

MARINE SCIENCE DEPT. MAY GET Ph.D. PROGRAM-(by Michael Selz) Oracle, 2/10, p. 1.

"The Florida Legislature has called USF's branch campus in St. Petersburg 'the' center for the study of marine science in the state, and University administrators say the marine science department is potentially one of the best in the country. The campus is located next to a state marine research laboratory and oceanography institute, providing training and research opportunities. Despite its reputation, the marine science program has lost students and its growth has been hindered, according to USF administrators, because the department does not offer what has become an elusive doctoral degree. Now administrators believe the three-year quest for a Ph.D. program may be coming to an end. The Board of Regents, the body governing state universities, is considering giving preliminary approval this month for a USF marine science doctoral degree. Administrators say they are confident the board will give that approval and believe the department has earned it....USF's marine science program on the edge of Bayboro Harbor doubled its faculty from nine to 18 after the BOR declared the department a 'center of excellence' and accompanied the designation with \$1.4 million in special state funds. Among those new faculty members are internationally renowned scientists such as William Sackett, chairman of the Marine Science Department, and Robert Garrels, acclaimed geochemist, author and member of the National Academy of Science."

UF's 'SOFT' SCIENCES MAY SUFFER-(by Larry Keen) Gainesville Sun, 2/12, p. 1A.

"Large research institutions such as the University of Florida face severe cutbacks in government aid to programs other than the 'hard' sciences, a key federal official and former UF vice president said in Gainesville Wednesday. 'President Reagan intends to leave intact most support that relates to the hard, traditional sciences such as engineering, chemistry and physics,' said Harold Hanson, executive director of the U.S. House of Representatives' Science and Technology Committee. The damage will be to other areas of support such as social sciences, psychology and educational programs for women." However, an administrator at UF-which received \$41 million in federal funds during the last fiscal year-expressed confidence that the growing reputation of UF's research faculty would attract enough government grant and contract money to offset the overall federal cutbacks....A major target of the Reagan administration is the National Science Foundation, which dispenses funds from a budget of more than \$1 billion to universities for research. As now drafted into the Stockman plan, the NSF's 1981 budget of \$1.08 billion will be cut \$62 million and in 1982 the budget of \$1.36 billion is to sliced by \$241 million. Most of the cutbacks are in the so-called 'soft' sciences such as fine arts and social studies. 'Reagan's simply cutting where he feels he can get away with it,' said Hanson. 'The country has to pay interest on the national debt and support the military-those things are inviolate-so he'll cut the fest.' Another target on Reagan's 'hit list,' Hanson said, are both the National Endowment for the Arts

and Humanities, which help fund activities such as UF's Florida State Museum and certain cultural programs. The Stockman plan proposes in 1982 to cut the humanities' budget from \$150 to \$82 million and the arts' budget from \$154 to \$86 million."

UF PROFS: STUDENTS LACK DESIRE, CREATIVITY—(by Jeffrey Schweers) Florida Alligator, 2/12, p. 1.

"UF professors trying to teach freshmen how to express themselves in writing say they have run into a new problem in the last few years. It seems the freshmen have nothing to express, they say. Professors blame the empty-headed state of their students on too much time just 'hanging out' and watching TV. Students come in 'without their own ideas and are unwilling to take in new ideas,' UF Associate English Professor Toni Lopez said. Although teachers often have to reiterate basic grammar rules for freshmen, a bigger problem is finding essay topics that interest the students. 'They don't seem to have hobbies, and they don't take any interest in world affairs,' Lopez said. Associate Professor Brandy Kershner said he asked students in his poetry class how they kept themselves busy. He was surprised when most students replied they just 'hang around.' A recent poll of teenagers conducted by Family Weekly asked high school students around the country the same question-and got the same response Kershner said. The phenomenon is probably caused by increased television watching which leads to more passive types of activity, Lopez said."

EDUCATED WOMEN GOING NOWHERE—(by Georgie Anne Geyer) Gainesville Sun, 2/12, p. 4A.

One of the most telling jokes around Finland these days goes like this: 'If you can't find a boy with a lower education, well, you'll just have to take a highly educated university woman.' This kind of 'joke' is not so funny to many people. It points out what is one of the more astounding developments regarding women anywhere in the world. Simply put, women now constitute 62 percent of the students in the 'gymnasium,' the Finnish-style high school, which is the single route to the university. What this means, in practice and in reality, is that women are very rapidly becoming THE educated sex. Their numbers have increased from 58 percent of the gymnasium students in 1979, and the 'terrible' reason seems just to be that girls are smarter. 'It is a real problem for us,' Minister of Education Per Stenback told me, shaking his head. The proportion is growing in an alarming direction. If you believe in equal distribution, well, it is against our principles. Entrance is based on test scores, and boys tend to be afraid of languages and even of mathematics, while girls are not nervous about those subjects. The schools are just too demanding for the boys. They are too theoretical. The boys would like something more practical.' And Dr. Elina Haavio-Mannila, of Helsinki University's Department of Sociology, says, 'Now it is getting to be a problem for boys to continue their education.' She acknowledges that perhaps it is because boys mature later and, now that the entrance exams are based on ability at that age-and not, as earlier, on parents' willingness to pay-boys are for the first time 'on their own.""

U.S. SCHOLARS IN SOVIET UNION RESTRICTED-Los Angeles Times, 2/11, Pt. 1A, p. 3.

'American scholars studying in Moscow say that despite strains in U.S.-Soviet relations over Afghanistan they are not encountering any more difficulties than is usual pursuing their research in libraries and archives here (Moscow). But that can be time-consuming and frustrating just the same. About 80 U.S. graduate students and faculty members are doing research or lecturing in the Soviet Union this academic year, approximately 20 fewer than in 1979-80, U.S. sources said. About the same number of Soviet scholars are spending the year on exchange grants in the United States. The Carter Administration's ban on transfers of high technology to the Soviet Union because of its military intervention in Afghanistan included a cutback in visas for Soviet scientists in sensitive research fields. When the Soviets were unable to place about 20 scientists in U.S. universities because of the ban, they cut back in the same number of research places for American scholars,' a source said. 'It was strictly tit for tat, except that research in Soviet literature and social sciences

TODAY'S MISSION FOR BLACK COLLEGES—(by Vernon Jarrett)

Chicago Tribune, 2/4, p. 11.

'More than 600 Chicago high school students will seek counseling on higher education Thursday under the guidance of the United Negro College Fund. Maybe this is as good a time as any to discuss some of the misconceptions about America's so-called black colleges. There are 104 black colleges in the United States, of which 42 are privately sponsored and financed. Forty-one of these colleges are members of the United Negro College Fund (UNCF). The UNCF institutions all are approved by the regional and national associations that set academic standards for the nation. It should be emphasized that the black colleges of this nation do not exist to provide an inferior education for black students who are not accepted by the white colleges. Therefore, it must not be assumed that graduates of a black college are less educated than black or white graduates of predominantly white institutions....It also should be made clear that the supporters of black colleges for the most part prefer to identify their schools as 'the historically black colleges.'...The so-called black colleges never barred students of other races from enrollment. The laws of the states in which they were located took care of that matter. America's historically black colleges today do not deny enrollment to any student on the basis of race, color, or religion."

Grant Opportunities

J. Scott Dailey, coordinator of the STAR Program for the State University System, has announced the STAR 1981 Program. The following is a listing by agency and priority ranking of the topics selected for this year's competition.

The Division of Sponsored Research has a supply of application forms and copies of detailed problem descriptions which will be provided to any faculty member upon request. Call Rusty Okoniewski or Betsy Swayne at x2671

The deadline for receiving STAR proposals in the DSR office will be March 27, 1981.

This year's selection of topics for STAR research is broad and may appeal to a large cross-section of UCF faculty. In this year of extremely tight budgets, many faculty members may find the STAR program an excellent way to further their research interests

STAR 1981 Agency Requests for Research (Listed in Agency Priority Ranking)

Administration

- Effectiveness and Efficiency of Executive Recruitment Services 001
- State Employee Variable Workweek Analysis 002
- Adaptation of Quality Circle Concept for State Government 003

Agriculture and Consumer Services

- Reducing Trade Barriers for Perishable Agricultural Products in 004 the Caribbean
- 005 The Distribution of Basic and Consumer Information on the Metric System of Measurement to the Adult Population of Florida
- 006 Improving the System for Handling Fresh Florida Fruits and Vegetables in the Channels of Trade

Banking and Finance

- 007 Research and Design of a Career Development Program to Complement and to Maximize the Potential of the Newly Implemented Training Program in the Department of Banking and Finance
- 008 Use of Section 517.061 (12) as an Exemption from Registration of Securities Within Florida

Business Regulation

009 Development of an Estimated Operating Budget Index

Commerce

- Strategies to Overcome Problems of Florida Ports with an 010 Analysis of Trade Between these Ports and Target Ports in Latin America
- 011 An Analysis of the Travelling Patterns of the Young Adult Market (Age 18-25) and its Potential for Increasing Tourism to Florida
- 012 Blighted Area Industrial Development

Community Affairs

- Florida Keys Critical Area Designation Impact Analysis 013
- Vertical Evacuation: Its Feasibility and Implications 014
- 015 The Economic Impact of the National Flood Insurance Program on Development, Housing, Floodplain Management, and Flood Hazard Mitigation in Florida

Corrections

- Development of a Strategic Plan for Correctional Industries-016 Analysis and Strategy
- Enhancement of Staff Training in Corrections 017

Education

- Utilities Cost Data Base for Energy Consumption in Florida 018 **Public Schools**

- 028 A Survey and Recommendation Report of the Energy Consumption and the Energy Efficiency Potential of the Three Largest Industrial Energy Users in the State-the Phosphate, Chemical, and Pulp/Paper Industries
- Develop a Computer Program to Analyze the Statistical 029 Reporting Program for the Florida Model Energy Efficiency Code

Health and Rehabilitative Services

- The Impact of Refugees/Immigrants on State Services 030
- The Statewide Aging Network: Strengths and Weaknesses 031
- Development and Assessment of a Volunteer and Career 032 **Training Program**

Highway Safety and Motor Vehicles

- Determine Economic Impact on Salvage Businesses Regarding 033 the Tightening of Salvage Laws to Require Strict Audit Trails on Vehicles and Vehicle Parts
- Statewide Evaluation of Advanced Driver Improvement School 034 Program; A Curriculum Implementation and Program **Effectiveness Study**
- Feasibility of Utilizing Bureau of Census Data for Development 035 of DHSMV Manpower Staffing Projections

House of Representatives

- 036 Self Insurance: A Comparison of Florida's State Employees' Health Insurance Plan and Other Group Plans
- 037 Economic Impact of Florida's Tourism Industry
- Developing Benchmark Personnel Office Staffing Patterns for 038 Florida State Government

Labor and Employment Security

- 039 To Develop a More Positive Image of the Employment Security Program and to Increase the Public Acceptance and Use of the Florida State Employment Service
- Linkage Between Vocationally Trained Participants and Industry 040 Registered Apprenticeship Programs
- A Study of Immigration and Refugee Movement To and 041 Through Florida

Law Enforcement

- 042 Training Course Module on White Collar Crime Accounting and Financial Analysis for Law Enforcement Investigators
- 043 Investigation of Organizational and Individual Factors Pertaining to, and the Development of, a Methodology for the Implementation of a Departmental Career Development Program
- Development of Productivity Improvement Standards for the 044 Department of Law Enforcement

Legal Affairs

045 Measuring the Impact of Crime Prevention Programs in the State of Florida

Natural Resources

- 046 Economic and Social Benefits of Artificial Beach Nourishment **Civil Works Projects**
- 047 Standardized Methodology for the Design and Development of Impact Fees
- Pathogenic Bacteria in the Apalachicola Bay System and Their 048 Survival/Residency Time

Office of the Governor

- Land and Water Adjudicatory Commission Study 049
- 050 Testing Community Thresholds: The Impact of Legal and Illegal Immigration on Dade County

Public Service Commission

051 Correctional Work Programs

052 An Evaluation of the Costs and Technological Reconfiguration of Electric Utility Substations and Distribution Systems for Power Line Carrier Communication Systems

- Developing and Disseminating Student Eligibility Criteria for Programs in Talented Education
- 020 Measuring the Relationship between Student Performance in Grades 3,5,8,11 and 12 on SSAT-I and II and Results of Program Compliance and Performance Audits

Environmental Regulation

- 021 Evaluation of Effects of Instream Impoundments on Water Quality and Biological Community in the Stream
- 022 Behavior and Fate of Hazardous Organic Chemicals in **Contaminated Groundwater**
- 023 Analysis of Water Quality Sampling Procedures for Natural Water Bodies

Game and Fresh Water Fish Commission

- 024 Opinion Survey for Public Interests in Management of Florida's Non-Game Wildlife
- To Determine Present and Future Outdoor Recreational Needs 025 on State Wildlife Management Areas
- 026 Demography of Subscribers and Non-Subscribers to Florida Wildlife Magazine

Governor's Energy Office

027 Evaluation of the Effectiveness and Impacts of Florida Energy Emergency Contingency Response Plans

- A Marketing Study to Determine Innovative Ways to Encourage 053 **Conservation Investment**
- 054 The Development of Design Charts for the State of Florida to Allow Comparison of Energy Conservation Strategies

Revenue

055 Tax Audit Case Study

State

- 5-Year EDP Plan/Financial Management System Development 056
- 057 Land Law and Land Use in Florida: A Case Study of St. Johns County

Transportation

- "Worst Case" Meteorology for Prediction of Air Quality Near 058 Highways
- Development of Traffic Signal Controller Monitoring Technique 059 and TOPCOP Update
- Evaluation of the Feasibility of Expanding Florida's Motorist Aid 060 Systems

Public Employees Relations Commission

061 A Simplified Guide to Florida's Public Sector Collective **Bargaining Law**



Touching moment

Richard Albershardt as Ferdinand, and Barbara Barrett as Miranda portray one scene from "The Tempest," which opens tomorrow, and runs through Saturday and again March 5-7. Curtain time is 8:30 p.m. in the Science Auditorium. A 2 p.m. Sunday matinee offers a special \$1 admission for UCF staff and faculty with ID cards. For other ticket information, call the UCF box office at x2861

FOUNDATION-(continued from page 1)

he added.

Blair Culpepper, UCF Foundation president, pointed to the essentials of the 1981 annual giving campaign. "What we seek are the means by which UCF can fulfill its mission of teaching, research, and public service with excellence."

Headed by general chairman Alan Starling, Kissimmee, an annual giving committee comprised of UCF Foundation directors, alumni, and other friends of the University will devote a great deal of time and energy to meet the University's 1981 goal.

The response to this effort "may well determine the role UCF plays in the education of future generations and the extent to which Central Florida will share in future economic rewards," President Colbourn asserted.

It's a festival for all staff and students



WEDNESDAY, FEB. 25

Baseball, Stetson University, Home field, 3:15 p.m.

Credit Union. Annual meeting and luncheon. SC Auditorium, noon. Members-\$3; non-members-\$3.50



Cinema Classique. "2001: A Space Odyssey." SC Auditorium, 8:30 p.m. Admission: \$1

THURSDAY, FEB. 26

Recital. Oboe and flute. Music Rehearsal Hall, noon.

Men's Tennis. Georgia Southern. Home court, 2 p.m.

University Theatre. Shakespeare's "The Tempest" will be presented, through March 7. Science Auditorium, 8:30 p.m. Admission: \$3. Call x2861 for information.

FRIDAY, FEB. 27

Women's Tennis. Georgia Southern. Home court, 2 p.m.



The following is a list of preview prints that can be viewed in Audio-Visual Services until noon on the date indicated at the end of each description. For further information call x2574.

Goldframe (B/W, 5 min.) . . . A satirical look at film producer Jason Goldframe who must be first at everything. After a day of working to develop the first 270mm film, he has nothing left but to compete with his shadow. Done in black and white etchings, the film is a comment on an ego out of control. 3/06.

The Liver (color, 15 min.) . . . This film explores the structure

and function of the liver beginning with its gross anatomy and microscopic structure. The liver's role in the regulation of blood sugar level is examined with emphasis on the conversion of glucose to glycogen. 3/06.

Marc Chagall: The Colours of Passion (color, 24 min.) ... The film opens at Chagall's museum in Nice, France, where, through Chagall's own words, the viewer begins an exploration of the major influences on the artist's creative life. Chagall's preoccupation with the essentials of color and form and the role of emotion in art is illustrated. 3/06.

Skunks' victory brings

sweet smell of success

Baseball. Florida International. Home field, 3:15 p.m.

Recital. Junior clarinet. Music Rehearsal Hall, 8 p.m.

University Theatre. "The Tempest" continues. Science Auditorium, 8:30 p.m. Admission: \$3.

Movie. "The Shining." SC Auditorium, 8:30 p.m. Admission: \$1.25.

SATURDAY, FEB. 28

Baseball. Florida International. Home field, 1:30 p.m.

University Theatre. "The Tempest" continues. Science Auditorium, 8:30 p.m. Admission: \$3.

SUNDAY, MARCH 1

Baseball. Furman. Home field, 2 p.m.

Men's Tennis. Furman. Home court, 2 p.m.



University Theatre, "The Tempest" continues. Science Auditorium, 8:30 p.m. Admission: \$3. Matinee performance, 2 p.m.-faculty/staff admission: \$1.

Movie. "The Shining." SC Auditorium, 8:30 p.m. Admission: \$1.25.

MONDAY, MARCH 2

Women's Tennis. Western Michigan. Home court, 2 p.m.

Baseball. Davidson College. Home field, 3:15 p.m.

Campus Concert Series. Featuring E.S.P. with Gil Eagles. SC Auditorium, 8 p.m. Admission: \$5.

TUESDAY, MARCH 3



Education Program. Sponsored by the American Cancer Society. Dr. Thomas Sawyer will discuss "Health Check-up: 7 Warning Signals." Administration Building, Third Floor Board Room, 11 a.m. to noon.

Florida Festival, Sea World's indoor marketplace, will salute UCF faculty, staff, students and their guests during Festival's Mardi Gras celebration, 6 p.m.-1 a.m., Friday, with free admission upon presentation of college ID cards. UCF alumni will also be admitted without charge.

Guests are encouraged to arrive in costume and participate in the colorful Mardi Gras parades scheduled throughout the evening. Setting the New Orleans atmosphere will be the New Dixie Zing Kings and Starsong, a favorite contemporary group. Seafood gumbo and other Cajun cuisine will be served at Festival's numerous eateries.

Directly across the street from Sea World, Florida Festival is open from 11:30 a.m. daily.

In Intramural Bowling action at Colonial Lanes, the Skunks, representing the UCF Police Department, successfully defended their coed team championship with a three-game total score of 1625

Jimmy Meeks led the way with a 522 series followed by Del Haven (485), Audrey Demers (343), and Julie O'Neill (275). Demers won high series and high game (133) for women.

Fitness Classes

If you haven't discovered the fitness opportunities available to you from Rec Services, take note.

The Exercise and Fitness class meets Mondays, Wednesdays, and Fridays in the Multipurpose Room of the Education Complex. If dancing is more your style, a class in Aerobic Dance kicks up heels in

the same location on Tuesdays and Thursdays. Also on Mondays, Wednesdays, and Fridays, a class in Body Development uses weights to tone up in the Dome. And planned for spring quarter, the popular Aqua Dynamics class will get in the swim on Tuesdays and Thursdays.

all classes are held from noon to 1 p.m. The Rec Services staff invites you to drop by any or all the classes to find out what you're missing-and then make plans to enroll for spring quarter. Only \$5 per quarter for faculty and staff members gets you as many classes as you want.

Intramural Track Meet The Intramural Track Meet to be held Saturday is open to faculty and staff, too. Sign up by tomorrow at the Recreational Services Office.

THURSDAY, MARCH 5

Baseball. Iowa State. Home field, 3:15 p.m.

Recital. Oboe and flute students. Music Rehearsal Hall, noon.

University Theatre. "The Tempest" continues. Science Auditorium, 8:30 p.m. Admission: \$3.

FRIDAY, MARCH 6

Men's Tennis. Tennessee-Chattanooga. Home court, 2 p.m. Coffee House. Featuring Pete Neff. SC Cafeteria, 6-8 p.m.

Movie. "Superman." SC Auditorium, 8:30 p.m. Admission: \$1.25.

University Theatre. "The Tempest" continues. Science Auditorium, 8:30 p.m. Admission: \$3.

The UCF Report

Employment Opportunities

The University of Central Florida is an Equal Opportunity / Affirmative Action Employer.

Personnel Services lists the following vacancies, by title, department, minimum qualifications, annual salary range, biweekly salary, and closing date. It is the responsibility of the applicant to successfully complete any required performance and/or written exams prior to being considered for a specific job opening. For information on any required exams, as well as further details on these positions, contact Personnel, x2771. A listing of available faculty positions within the SUS is available on request at the receptionist's desk (ADM 230).

Administrative and Professional

Coordinator of Development (Development & Alumni Relations). Four-year degree and three years of college or university fundraising expertise. Prefer excellent written and oral communications skills, organizational and leadership ability. \$13,860-\$23,100, \$533.07, 02/27.

Career Service

Carpenter (Maintenance). Graduation from high school and three years of experience; or completion of a one-year program of study in carpentry from a vocationaltechnical school or community college, and two years of related experience. Temporary through June 30. \$10,878.48-\$14,261.04, \$416.80.02/26.

Storekeeper I (Purchasing). Graduation from high school and two years of clerical experience, one of which must have been in receiving, storing, shipping, and issuing store and/or laboratory items. Written exam. Prefer forklift experience. Position requires considerable heavy lifting, occasionally up to 100 lbs. Must have valid Florida chauffeur's license. \$8,414.64-\$10,815.84, \$322.40. 02/26.

The UCF Report

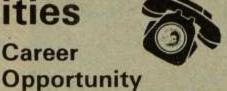
The UCF Report is published every Wednesday during the academic year, and bi-weekly during the summer, at a cost of \$166 or 7.5 cents per copy. For further information on any material appearing in this publication, contact K.G. Sheinkopf, director, Office of Information Services, Administration Building 395-K, phone 275-2504. Secretary III (Business Administration; Economics). Graduation from high school and two years of secretarial and/or clerical experience. Written, typing, and shorthand exams. \$8,853.12-\$11,421.36, \$339.20. 03/05; 02/26.

Computer Programmer I (Computer Services). Graduation from high school and one year of experience in data processing. Written exam. Prefer experience with library, Cobol, and Panvalet programming systems. \$12,110.40-\$15,994.08, \$464.03/05.

Accountant II (FSEC, Cape Canaveral). Fouryear degree with major course work in accounting and one year of professional accounting experience; or a master's degree in accounting; or possession of a C.P.A certificate. Written exam. Prefer experience with state accounting practices and procedures. \$12,820.32-\$16,996.32, \$491.20.02/26.

Audio-Visual Specialist (Music). Four-year degree with major course work in public relations, photography, art, and two years of experience in a photography or commercial art setting preparing audio and visual materials for public information programs. Prefer familiarity with recording and audio equipment operation and repairs. \$12,820,32-\$16,996,32, \$491,20, 02/26.

Secretary III (Intercollegiate Athletics; Development & Alumni Relations). Graduation from high school and two years of secretarial and/or clerical experience. Written and typing exams. Athletics department prefers familiarity with financial



Line 275-2778

aid and travel procedures. \$8,853.12-\$11,421.36, \$339.20. 02/26, 02/26.

Centrex Operator (Communications). Graduation from high school and two years of experience in the operation of a PBX or PABX switchboard. Rotating shifts. \$8,017.92-\$10,272.96, \$307.20, 02/26.

Tradeshelper (Physical Plant). Completion of the eighth grade and one year of experience in building, mechanical, or equipment maintenance and operation. Prefer electrical background. \$8,414.64-\$10,815.84, \$322.40, 02/26.

Operating Engineer II (Utilities Plant). Graduation from high school and two years of experience in the operation and maintenance of heating and/or air conditioning equipment. Shift work. \$10,878.48-\$14,261.04, \$416.80, 02/26. Custodial Worker (Building Services). Ability to follow written and oral instructions. Hours: 6 a.m. to 2:30 p.m. \$6,994.80-\$8,393.76, \$268, 02/26.

OPS Temporary

Custodial Worker (Student Center). Ability to follow written and oral instructions. Hours: 6 a.m. to 2:30 p.m. Temporary through June 30. \$3.35/hour. 02/26.

Secretary III (Instructional Resources). Graduation from high school and two years of secretarial and/or clerical experience. Written and typing exams. \$4,24/hour. 02/26.



James L. Koevenig (Biological -Sciences) received "Best of Show" in the Artists' League of Orange County annual Winter Park Mall show.

Jerry Gardner (Music) recently was guest conductor of the Seminole and Brevard all-county bands. He also attended the Assembly of National Arts Education Organization in Washington, D.C., Feb. 9 and 10; He presented a report to College Band Directors National Association conference in Ann Arbor, Mich., Feb. 11-14.

Thomas L. Harrow (Educational Foundations) ws a participant at the Governor's conference on Vocational-Technical Education in Economic Growth, held at the St. Petersburg Vocational-Technical Institute, Feb. 16.

Richard G. Denning (Engineering Technology) has been certified as an engineering technologist by the Engineering Technologist Certification Institute.

David Hernandez (Educational Services) conducted a training session on "Time Management for School Food Service Managers" in DeSoto County.

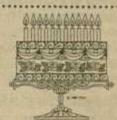
Barth Engert (Public Affairs) recently was admitted to a special group of donors to the Central Florida Blood Bank, the "Six Gallon Donors." His support of the blood bank through contributions now entitles him, his wife and minor children to transfusion replacement coverage for life.

Helen Porter (Personnel) recently attended the Area Chamber of Commerce Youth Job Fair at the Orlando Recreation Center.

Publications and papers

Charles E. Hughes (Computer Science) has co-authored a paper, "Computer-Whatchamaycallit: Insights Into Universal Computer Education," presented at the ACM/SIGCSE Technical Symposium in St. Louis.

Loren Knutson (Recreational Services) recently had an article printed in Intramural-Recreational Sports: New Directions and Ideas entitled "A Low/No Cost Frisbee Disc Golf Course on Your Campus." He also has received an acceptance notice from the NIRSA Journal for his article, "Flag Football Penalty Enforcement Made Easy."



Janet S. Goldman Deimar M. Haven Haven C. Sweet Donald C. Lee Cheryl A. Malloy Patricia A. Stilwell 13 John H. Athos II James K. Beck Barbara J. Carey Robert H. Eshenaur 14 David W. Gurney Cynthia D. Ingraham James M. Williams Ida J. Cook

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March birthdays

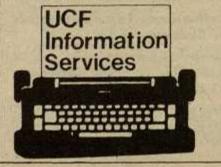
Mary L. Harvard Lynda A. Kuyper Diane A. McMillen 21 **Gary A. Meiseles Gary E. Schadow Gloria P. Arnold** 22 **Deborah S. Cloud Thomas J. Marshall Raymond S. Sterling** 23 Sylvia J. Falco Edmund F. Kallina Jr. Shirley J. Metcalf 24 Michael N. Spinnato Sandra L. Stone

N. G. Holten Isaac E. Knight Jr. George Anderson Jr. John M. Cheney Julius Dudash Clarence G. Avery Mary H. Everson Catherine L. Hamilton Lillian F. Poe Margito T. Caro Paul Hightower Sonia M. Cirocce Charles D. Dziuban Fred R. Haviland

Deadline for all submitted material is Thursday noon of the week preceding publication.

For assistance in publicizing programs or events in the local media, call Bill Daum, Public Affairs, 275-2848.

Editor: Maxine Bowers Editorial Assistant: Jackie Wartell Photographer: Jon Findell



Rose B. Kaplan	
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Thomas J. Blau	
Gordon E. Crocker	
Clara E. Findell	
Lisa G. Gant	
Steven S. Powell	16
Graeme L. Baker	
Deborah J. Mack	
Cario H. Metz	
M. Timothy O'Keele	
Peggy J. Wunder	
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Evelyn M. Truntich	18
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A.J. Pettofrezzo and Lee H. Armstrong (both Math and Statistics) have co-authored a text, Intermediate Algebra: A Programmed Approach, for the Scott Foresman Publishing Company. This and another text, Elementary Algebra: A Programmed Approach, will form a series for the publishers.

Robert H. Davis (Communication) has published an article, "How to create artwork from film," which includes six photo illustrations by the author, in the *Journal of Organizational Communication*, February 1981, Vol 1.