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UCF Report

Volume 21 • No. 21 • May 14, 1999

A publication for faculty and staff

UCF Bar Lab changing drinking patterns

The bar's main customers are heavy-drinking 18- and 19-year-old freshmen at risk of harm from alcohol abuse

The strangest bar around might be Mike's Place, in the basement of Phillips Hall. Drinks are free. Only heavy-drinking students can get in. And you can down a few even if you're underage.

Truth be told, psychology professor Michael Dunn likes to see 18- and 19-year-old freshmen belly up to his "bar lab" — for non-alcohol drinks. In a yearlong study this fall, spring and summer, Dunn's lab is doing what bars aren't supposed to do: It's helping college students say no to booze.

"Alcohol use is an enormous problem," Dunn says. "This is more of a public service program than a study. We try to find those at high risk and lower the likelihood that they will come to harm due to alcohol use."

Dunn says 362 students have participated in his study so far this year, and roughly half were heavy-drinking freshmen, already swilling 10 to 15 alcoholic beverages during evenings out. Most of those students are on their own for the first time and, because no parent is waiting up for them to come home, drink too much. While getting drunk is considered an unofficial rite of passage to some people in their late teens and early 20s, Dunn says

Please see BAR LAB, page 4

Tickets! Buy your football tickets

Football star Daunte Culpepper and other standout seniors have moved on, but with fresh talent and experienced players returning for the 1999 season, the Golden Knights are hoping for a strong showing this fall.

The 1999 football team will be facing perhaps the toughest schedule in school history, with UCF playing four bowl champions from last season — Florida (Orange Bowl), Purdue (Alamo), Georgia Tech (Gator) and Georgia (Peach) — and at least one Heisman candidate, Louisiana Tech

Please see FOOTBALL, page 2



Jacque Brund

Sea of graduates

The head of one of the more than 3,400 graduates from the spring 1999 class bobs above her peers during the College of Arts and Sciences commencement ceremony on May 8.

Engineering II next construction project

The \$14.4 million building — north of Engineering I — will house labs, testing facilities and multimedia classrooms

Construction on the \$14.4 million Engineering II Building will begin this summer. The 60,000-square-foot building will be north of Engineering I and next to the new Health and

Public Affairs Building. It is expected to be completed in mid-2000.

Plans are to move most labs and testing facilities from Engineering I to Engineering II, which will be equipped with wireless Internet technology in partnership with Harris Corp. Engineering II will also be home to two campuswide, multimedia classrooms. A triangular atrium connecting Engineering I and II will serve as a sheltered area where students and UCF partners can display research projects. Engineering II will reflect the

"many partnerships we've had with industries and government," says Engineering Dean Marty Wanielista.

"Expansion of the engineering complex will provide opportunities for greater interaction with local and state agencies and will expand our creative abilities in the teaching and research areas," he says. "We're really moving in the right direction. There's so much activity with our partnerships and

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Next issue of The UCF Report is June 4 • Deadline is noon, May 26

May

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Memo

To: Faculty
From: Gary Whitehouse, provost
Subject: Exclusive off-campus
"Coursepacks" - Reminder

Based upon a student inquiry, Janet Balanoff, director, Equal Opportunity and Affirmative Action Office, completed a study on the impact of exclusive rights for "coursepacks" that have been granted to off-campus sources. The issue concerns students with disabilities and veterans who are negatively impacted by not having the educational materials available on campus.

According to Ms. Balanoff's analysis, there is discrimination against a protected class caused by the exclusive rights

approach. She recommended that a ruling be made that all materials recommended or required for purchase by students must be made available through the campus outlets as well as others selected by faculty.

Because of this legal requirement, it is essential that all faculty supply one copy of all coursepacks or materials to the University Bookstore or Computer Store, as appropriate, at least two weeks before the start of classes. These agencies will then reproduce the materials and make them available for any student desiring them. This policy has been discussed with the deans of the colleges and approved by them. I appreciate your cooperation in this matter.

To: All departments
From: Ed Hindle, Print Shop

Subject: Departments going to off-campus vendors

If a department notifies a vendor directly for a printing job, the Print Shop will no longer do the necessary paperwork for the vendor to be paid. Departments are responsible for doing their own paperwork to get the vendor paid for printing by outside printers. If a department contacts the Print Shop for a job we are not able to do and we have to send the job off campus, we will do the necessary paperwork to get the vendor paid. We do not support any vendor going directly to university departments for print jobs. We want all jobs to come through the Print Shop before going off campus if we are doing the necessary paperwork to get the vendor paid.

If you have any questions, contact Ed Hindle or Jean Williams at 823-2277.

Football, theater worth support

One of the nicest things about working at a university, it seems to me, is having the opportunity to enjoy all the "extracurricular" activities and events offered by students and faculty. There's something special about seeing a co-worker's artwork displayed in the Art Gallery. It's nice to be able to listen to music performed by our

faculty. It's exciting to watch our coaches and athletes do well in their chosen sports.

From the ivory tower

This summer, we have a chance to show our support for two programs: football and theatre. Season-ticket campaigns are going on now for both. Why buy season tickets? 1) Doing so is good for the programs. 2) Tickets are a great value. 3) Both programs are terrific entertainment.

The truth is, if you haven't been to a Golden Knights football game or a UCF Theatre performance, you have no idea what you're missing. UCF football can be thrilling. And UCF Theatre shows are usually superb.

First football. Season tickets are \$60-\$90, depending on the seat. This season, for the first time, UCF will be hosting a major school — Purdue, on Sept. 4. How wonderful it would be to see the Citrus Bowl packed with fans wearing black and gold. Later in the season, on Oct. 23, pre-season Heisman Trophy candidate quarterback Tim Rattay of Louisiana Tech comes to town. Other home games are Eastern Illinois (Oct. 2), Nicholls State (Oct. 16), Eastern Michigan (Oct. 30) and Bowling Green (Nov. 20). To buy tickets, call 823-1000.

As far as UCF Theatre, what can be said? Students and faculty are terrific. The acting is almost always very good. The sets and lighting are usually on target. And the seats can't be beat; the first row is practically on stage. The Theatre Department puts on 10 shows a year: four in the summer, the other six in fall and spring. This summer's shows are: "Little Shop of Horror" (May 27-June 6); "Equus" (June 10-20); "The Odd Couple" (June 24-July 3); and, "Sabrina Fair" (July 8-18). The fall and spring shows are equally impressive. Season tickets for all 10 shows are \$36-\$70. For tickets, call 823-1500.

— David Finnerty

Theatre season in the spotlight

The UCF Theatre will present four shows this summer and six more next fall, spring

The UCF Theatre's summer season will offer humor, suspense and more humor with four well-known plays that have been made into well-received movies, one with several remakes.

The season will kick off with the bizarre musical "Little Shop of Horrors," by Howard Ashman and Alan Menken. Bruce Ernest will direct the story about a boy with a carnivorous plant. The musical will be presented May 27-30 and June 3-6.

The second offering is "Equus," by Peter Shaffer. It will be directed by Mark Brotherton. The suspense play, which will be presented in the Black Box Theatre Stage Two, explores the disturbed mind of a youth who blinded six horses. It will feature faculty performances by Don Seay

and Lani Harris. It will be offered June 10-13 and 17-20.

The classical comedy "The Odd Couple," by Neil Simon, is about two newly divorced men who decide to live together, creating a domestic situation as equally irritating as their marriages. It will be directed by Tony Major and runs June 24-27 and June 30-July 3.

The last summer play will be "Sabrina Fair." Sabrina, the chauffeur's daughter, becomes the object of affection for everyone when she returns from Paris. It will be directed by Harris and features faculty performances by Brotherton and Seay. It will run July 8-11 and 15-18.

Season and individual tickets for the summer plays are available. Individual tickets for general admission

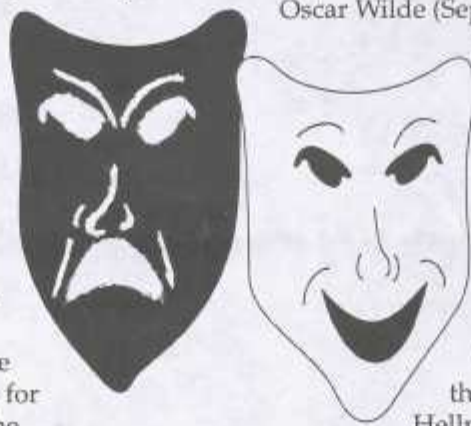
are \$8.25 for Thursday evenings and Sunday matinees and \$8.75 for Friday and Saturday evenings. Student tickets are \$4.50 and \$5 and senior tickets are \$7.25 and \$8.

The winter season features: "The Importance of Being Ernest," by Oscar Wilde (Sept. 9-19); "Side by Side," by Stephen Sondheim (Oct. 14-24); "Amadeus," by Peter Shaffer (Nov. 18-Dec. 5); "A Soldier's Play," by Charles Fuller (Jan. 20-30); "Anything Goes," by Cole Porter (March 2-12); and, "Toys in the Attic," by Lillian Hellman (April 6-16).

Season tickets for the winter season are being sold. Individual tickets will go on sale at the beginning of the fall term.

For tickets, call the Theatre UCF Box Office at 823-1500.

— Joanne Griggs



FOOTBALL, continued from page 1

quarterback Tim Rattay. "It's a very hard, but exciting schedule," Athletic Director Steve Sloan says.

The good news is that with a banner year (9-2 record) in 1998 and the hoopla surrounding Culpepper, UCF had its best recruiting class this winter.

"Many of the new recruits are freshmen, so we won't expect them to have much impact until the year

2000," Sloan says. "We have some very good junior recruits, including a quarterback [Victor Penn]. We have a lot of talent, but there are a lot of unknowns."

What is known is that UCF will have six home games this season, one more than in the past few years. The opening game is against Purdue (No. 23 in the last season's final USA Today/ESPN poll) on Sept. 4. The other home games are Eastern Illinois (Oct. 2), Nicholls State (Oct. 16), Louisiana Tech (Oct. 23), Eastern Michigan (Oct. 30) and Bowling Green (Nov. 20). Road games are at No. 6 Florida (Sept. 11), at No. 11 Georgia Tech (Sept. 18), at No. 14 Georgia (Sept. 25), at Auburn (Nov. 6) and at Middle Tennessee State (Nov. 13).

Season tickets are being sold now. More than \$200,000 for renewals has already been received, a fourth what ticket manager John Comer expects by the first game. Last year, 10,500 season tickets were sold. "We expect that to increase this year," says Comer. Season tickets are \$90 for reserved sideline and \$60 for reserved

end zone. Corporate packages are also available.

Single-game and away game tickets will go on sale July 15. Home-game tickets are \$15 for reserved sideline, \$10 for reserved end zone, \$10 for student guest (general admission in the student section) and \$10 for third-level general admission. Games are free to UCF students holding valid student IDs.

Tickets for away games are \$22 for Georgia Tech, \$27 for Georgia, \$25 for Auburn and \$10 for Middle Tennessee State. The number of tickets for the University of Florida game will be limited, and season ticket holders are expected to snatch up most of those. Some \$22 tickets to the Florida game will be reserved for a student lottery early in the fall, says Comer. A valid student ID will be required to participate in the drawing.

For information or to purchase season tickets, call the Athletic Ticket Office at 823-1000. Fans can follow the Golden Knights with video and audio clips at www.UCFknightline.com.

— Joanne Griggs

1999 Football Schedule

Sept. 4	Purdue	6 p.m.
Sept. 11	at Florida	6 p.m.
Sept. 18	at Ga. Tech	7 p.m.
Sept. 25	at Georgia	1 p.m.
Oct. 2	Eastern Ill.	6 p.m.
Oct. 9	Open	
Oct. 16	Nicholls St.	6 p.m.
Oct. 23	La. Tech	6 p.m.
Oct. 30	Eastern Mich.	4 p.m.
Nov. 6	at Auburn	2 p.m.
Nov. 13	at Mid Tenn St.	7 p.m.
Nov. 20	Bowling Green	1 p.m.

Short Takes

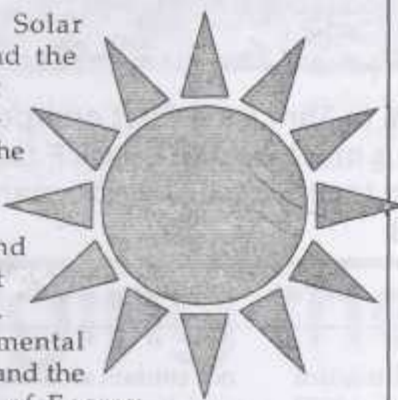
Kids' books, music wanted for project

The UCF African American Studies Program is collecting books and music for children in the Caribbean countries of Antigua, Dominica, Barbados and Grenada. The Study Travel Program will be visiting those countries this year, and donated books and music will be given to primary and secondary schools. Organizers are asking for children's books and educational materials that are in good condition. Music can range from sheet to records — classical to nursery rhymes. For information, call 823-0026.



FSEC gets national award for program

The Florida Solar Energy Center and the Florida Department of Community Affairs are winners of the 1999 Energy Star Homes Ally of the Year for State and Local Government Agencies award. The U.S. Environmental Protection Agency and the U.S. Department of Energy presented the award. FSEC and DCA were honored for their Energy Gauge program, which administers Florida's home energy rating program. FSEC trained, tested and certified 242 raters. FSEC also produced and distributed software to help users identify cost-effective, energy-efficient opportunities. The awards program recognizes companies and organizations that promote energy-efficient products and technologies to reduce energy use and prevent the release of harmful greenhouse gases.



Upcoming holiday

The next universitywide holiday is just around the corner. Memorial Day is Monday, May 31.

This issue

This issue of *The UCF Report* is for the weeks of May 14-20, May 21-27 and May 28-June 3. It is the 21st issue of fiscal year 1998-99. *The UCF Report* is published 23 times a year (every other week in the fall and spring, and every third week in the summer).

The UCF Report

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Jacque Brund

Crews are making final touches to the Health and Public Affairs Building before faculty and staff begin moving into the building later this month.

Health and Public Affairs moving into its own home

The College of Health and Public Affairs will begin its move into the first of two new buildings late this month. Dedication of the Health and Public Affairs Building is scheduled for fall, when the first classes will be offered in facilities that are "all our own," says college building committee member Robert Gennaro.

However, Gennaro, chair for the Department of Microbiology and Molecular Biology, will have to wait for the second phase to be built behind the first building — just east of the Student Union — before his department will have new teaching labs. Plans are being drawn for Phase II, which will also house offices and labs for the Departments of Communicative Disorders and Health Professions. The Communicative Disorders Clinic will remain in Research Park.

Phase I is a \$15 million, 94,000 square-foot, state-of-the-art building. Departments and groups moving into it are Public Administration, Criminal Justice and Legal Studies, Social Work, Nursing, Physical Therapy, Student Support, Pre-professional Advisement and Instructional Support and Technology.

"Our college is the last in the university to have an identifiable building all its own. We've got a home," Gennaro says.

And what a home, with high-tech classrooms and labs sharing space with a 180-seat auditorium and offices for administrators, faculty and staff. There are reading alcoves for students throughout the first and second floors and an atrium with television monitors telling of upcoming events.

"It [the atrium] is the center and heart of our building," says Dean Belinda McCarthy. "We named the [Winter Park Heath Foundation] atrium in recognition of a \$500,000 partnership with [the foundation], which has allowed us to equip our media and clinical labs with materials we've only dreamed about before."

Laboratories will have simulation capabilities. Clinical training labs for physical therapy and nursing, including a cadaver lab, will have advanced assessment and monitoring equipment. Media equipment is being incorporated into all classrooms; distance learning classrooms will have interactive video networking and on-line courses.

— Susan Loden

ENGINEERING, continued from page 1

so much coming."

But even as details for Engineering II are being worked out, Wanielista says, "We're looking forward to our next building."

Engineering II is part of a wave of development that is rapidly changing the face of campus. The addition of a Student Union ballroom and adjacent retail space is a work in progress, to be completed at about the same time as Engineering II. Then, UCF architect Tom Woodruff expects Pegasus Circle to be closed to all but pedestrians, service and emergency vehicles and handicapped drivers. With that, the area between Computer Services and the Library will be upgraded and landscaped as a walkway.

The Classroom Building is expected to be completed in November, when construction is

scheduled to begin on the nearby Health and Public Affairs II Building behind Health and Public Affairs I. Health and Public Affairs II is expected to be completed by the end of 2000. Renovation of the Biology Building is on the same schedule.

The south side of campus, over the next couple of years, will be a center of construction, with the addition of a new Recreational Services Building, Parking Garage III, student housing with space for 1,600, and renovation of the Student Resources area, including improved landscaping.

"The interior of campus is rapidly getting built out and we're concerned about some older areas that need to be upgraded. There's a lot happening," says Woodruff.

— Susan Loden



A UCF car bulls its way through a mud obstacle.



Student Jason Gass and teammates pushes a UCF car to the next obstacle. UCF placed third and 11th in the Mini Baja.

Muddy and loving it



Photos: Jacque Brund

One of UCF's two cars in Mini Baja East competition plows through water during a meet hosted by UCF last week. Thirty universities, including teams from Canada, participated in the Mini Baja, May 5-8.

BAR LAB, continued from page 1

that by the age of 21 the appeal of alcohol usually tapers and consumption goes down.

Even so, the odds are stacked against heavy drinkers.

"Alcohol, in general, contributes

to one-half of all acts of physical or sexual violence, with either the victim or the perpetrator or both under the influence," Dunn says.

Statistics show that in the United States, 100,000 people die from

alcohol-related diseases and injuries each year. That being the case, UCF's hard-drinking students "put themselves at a lot of risk," Dunn says.

An hour at Mike's Place, downing a couple of drinks that might or might

not contain alcohol, coupled with socializing and ice-breaking party games, teaches patrons that "the party is within you, not in the alcohol."

"We don't tell them not to drink; that glamorizes drinking and makes them drink more. You have a natural tendency to do what you're told not to do," Dunn says, adding that Bar Lab veterans "drink 40 percent less" when they return to a real bar.

Only a few students older than 21 are actually served alcohol in the lab, which is designed to look like a cozy bar. A graduate student even acts as a bartender. Underage students are told there won't be alcohol in their drinks, but some don't believe it. Dunn says that even the underage students expect to be served alcohol and expect it to make them more outgoing, talkative, sexy and less self-conscious. What they don't realize is alcohol has a purely physical effect, causing some drinkers to feel dizzy, sick and sleepy. "Students don't say they want that. They want an enhanced social experience," Dunn says.

He and his graduate students demonstrate that the "good" feelings of drinkers are actually attributable to the atmosphere and interaction with others. To prove his point, at the end of the lab session Dunn asks participants to guess which students consumed alcohol and which were on a natural "social" high. Usually, students can't tell. "We show them that they could have a better time if they drink half of what they usually drink, and lessen risk of harm."

The last call at the Bar Lab is this summer, when funding dries up.

—Susan Loden



Jacque Brund

Psychology professor Mike Dunn's Bar Lab helps students stop abusing alcohol.

Teamwork under the microscope

University researchers are determined to help organizations build better teams

When wildfires scorched much of Florida last summer, firefighters from across the nation came to the rescue. It took a team effort and long-overdue rain to get the blazes under control.

More than ever in history, teamwork is a must for thriving, and, in some cases, surviving. And not just in emergencies and disasters. For an airplane to take off, fly and land, for instance, ground crews, flight crews and air traffic controllers have to work together. Same thing for doctors and nurses — all with different skills — on surgical and trauma teams.

Making sure teams like those work well has been a task UCF researchers have been exploring for more than a decade. "People can't just come together and become a good team. You have to work at it," says Clint Bowers, director for UCF's Human Factors Program and Team Performance Lab.



Bowers

Elements necessary for a good team, he says, are: situation assessment; planning; assertiveness; decision-making; and, most important, communication. "We try to observe real teams doing the job. We try to decipher what separates a good team from a bad team," Bowers says. "We use students, folks from the community or clubs on campus. Typically they play a computer game that requires teamwork."

Much of Bowers' research is done with flight simulators because of UCF's work with the Federal Aviation Authority, the U.S. Navy, Marine Corps, and a couple of public airlines. "We create training programs so people understand the needs of teammates. They get to the point where they can predict what others need in certain situations ... There are lots of situations when people clearly can't do the whole thing alone."

A current UCF project centers on software for the FAA, designed to help airlines build a simulator scenario to evaluate performance. Bowers expects this tool to be in use nationwide in October. "Aviation embraces the notion of team training. They send pilots here to work with us and make time available for us," says Bowers. "The industry is working with us to help them do a better job."

— Susan Loden



Jacque Brund

Plato and his student

In what at first glance might look like a debate outside the Colosseum in Rome, UCF students Mark Milkman (left) and Socrates Exantus were actually on campus discussing the pains of final exams earlier this month in front of the future Classroom Building. P.S.: We know Plato was Greek.

Judging the Supreme Court's justices

Professor is studying justices' ability to make decisions without considering public opinion — is justice blind?

Is justice blind in the highest court in the land, with Supreme Court judges appointed for life and charged to issue decisions without fear of reprisal? One of the leading experts on that subject is UCF political science professor Drew Lanier.

There are two theories in the blind justice debate, he says. The first is that the Supreme Court's decisions change with new members, who have assimilated public opinion because they have been exposed to media. The second theory is that the Supreme Court is comprised of judges who read, watch TV and have direct exposure to public

opinion. Either way, Chief Justice William Rehnquist argues that "no judge is worth his salt if he follows public opinion in making decisions," Lanier says.

"The Supreme Court is unique in a sense, as it sees itself as not tainted. Not sullied by everyday politics. It sees itself making decisions solely on the law, with actions not colored by politics or public opinion."

While most scholars agree that the Supreme Court must make decisions independent of public opinion, justices have been ridiculed and lose credibility when they stray too far from public opinion. Nevertheless, Lanier's research shows that "decision-making changes only when new justices come on the court." Even then, a justice may be on the court for three to five years before his or her influence begins to surface in decision-making. One justice can't change a ruling by the court, since

there are eight votes, but one person can "influence the mix." For example, Lanier says, Justice Sandra Day O'Connor made the court more conservative.

Lanier did uncover one example of the court apparently being swayed by public opinion. During the Great Depression, when the Supreme Court struck down President Franklin Roosevelt's New Deal economic solutions, a desperate public was "up in arms" and Roosevelt threatened to "pack the court" with justices who would back his proposals. "The president was challenging the validity of their decisions and brought into question their legitimacy as a whole," Lanier explains. "If he had appointed more justices, he would have had greater control over the court."

As a result of the pressure, that Supreme Court approved the constitutionality of the New Deal issues.

— Susan Loden

Army ROTC cadets standing tall

UCF's 18-year-old ROTC program ranks No. 20 among all 270 units in the nation

Army ROTC has a high profile at UCF. Cadets serve as color guards, fire the cannon at home football games, and lend a hand at assorted public events.

Behind the scenes, the men and women in Army ROTC play war games and meet physical demands that nurture leadership skills and teach technical tactics — while studying for bachelor's and master's

degrees. Cadets who survive the rigors of UCF ROTC — the 18-year-old unit is ranked 20th in performance out of 270 Army ROTC programs in the nation — will serve for at least two years as commissioned officers in the Army, Army Reserve or National Guard.

Many will begin their military careers as platoon leaders, says Lt. Col. John Ruzich, professor of military science in the College of Engineering. "[Cadets] who have never heard of Kosovo until now may end up deployed over there."

Cadets can request other duties, but the Army's needs come first. Cadets understand that when they sign up. "They aren't going to be out

working in research and development; that may come down the road. Initially, they're going to go out and lead soldiers," Ruzich says.

A third of UCF's 122 current Army ROTC cadets are already serving in the National Guard or Army Reserve. Cadets choose their own majors, although ROTC is considered part of the College of Engineering. In 1997 and '98, UCF's Army ROTC turned out 23 and 22 commissioned officers. This year, the count is expected to be 18, followed by 23 in 2000.

Recognition for UCF's ROTC program has come by way of cadet helicopter pilots Joshua Ruisanchez and Eric Petrowsky. The pair won \$1,500

Daedalian Foundation scholarships for being the top two cadet pilots in the nation. Both have been tapped for the Army aviation program.

"We place them in leadership roles," Ruzich says of all cadets. "This capability carries on with them through life. It's not easy to be an ROTC cadet. There's not too many college students signing up for this. Certain physical standards have to be met. They have to be dedicated to the program or to becoming a commissioned officer, or they're not going to make it," he says.

"Our cadets want those combat leadership challenges. It's an exciting, challenging business, and very serious business that requires a lot of dedication and hard training. It's our responsibility to be prepared for [combat]. That's why we do this."

— Susan Loden

Expert: UCF among top metro universities

Despite UCF's excellence, the university is not perceived as being great, leading authority told faculty, staff

"You've built in 30 years — a minute in institution time — a magnificent institution," the founding member of the Coalition of Urban and Metropolitan Universities told about 100 members of the UCF community earlier this month. "Then why the discrepancy between reputation and reality?"

In a campus speech on The Modern Metropolitan University and Its Mission, Paige Mulhollan, president emeritus of Wright State University, said, "I've spent years in institutions very much like yours and I've felt the same disappointment you have over the lack of institutional recognition."

The speech was a forerunner to UCF's Strategic Planning and Deans' Council sessions designed to assist campus members to define and implement the metropolitan mission in their own disciplines.

Mulhollan explained why the recognition was missing for UCF and why it was important to correct it. He said there were two existing success models for institutions of higher learning: large comprehensive universities and private liberal colleges.

"These success models are ranked by measuring dollars, federal monies, number of doctorates," he said. "But they say nothing about quality. They are

particularly discriminating against large metropolitan universities."

Mulhollan called UCF one of the top three or four metropolitan universities in the country, "maybe the top of those." Those top models standing together, he thinks, can achieve recognition.

Mulhollan suggested not competing with flagship universities, but emulating some of the tactics by the more innovative institutions, such as the University of Phoenix and Jones International. "They're seen as more responsive to students' needs. You may have to borrow some of their methods. Respond to the needs of students and the metropolitan area," he said.

He also noted that a passive and disinterested faculty would become a fatal flaw. "Only with internal support will it work," he said. Most faculty were educated in large comprehensive universities, so they tend to judge success by that model, he noted. "Faculty can be more creative and productive by seeking ways to apply their work to real-world situations. It also gives students an edge to work solving real problems, plus the community comes to believe in the university."

Mulhollan said it is imperative for the university to provide a vision that excites its faculty and constituents. That vision needs to include encouraging the faculty to be imaginative and willing to take risks, especially with monies.

"It's a philosophy, not a set of characteristics," he said. To succeed, Mulhollan said, the model must be understandable, valid, inclusive with room for differences, embraced by its students and

faculty, and have measurable results.

"About 90 percent of our population lives in metropolitan areas. These institutions educate about 25 percent of the college students and an even larger portion of minorities. Many institutions came into existence out of a metropolitan need, including UCF," he said, "and have been rewarded when requests for support are seen as valid to the metropolitan area."

His advice for such institutions?

"First, lead rather than respond to community needs. Be true to your genuine philosophy while producing measurable results. Don't be afraid to fail. And lose no opportunity to proclaim the metropolitan mission."

It is important to use common terms to help people on campus and in the community understand the university's goals and purposes. "It will lead to acceptance of the metropolitan model as a model of success."

Acceptance of a metropolitan model would give institutions a means to measure successes. "We should be judged by how well we do what we say we'll do. Evaluation against similar universities is the way to gain recognition, which leads to community pride and more investment in your institution," he said.

President John Hitt added, "Most people are not thinking about the mission of the university. Most are thinking about their work ... If we don't exercise our leadership and talk about the metropolitan mission, it's liable to be forgotten."

— Joanne Griggs

Engineer's invention beats heat, humidity

Armin Rudd's device has become a popular way to keep energy bills down

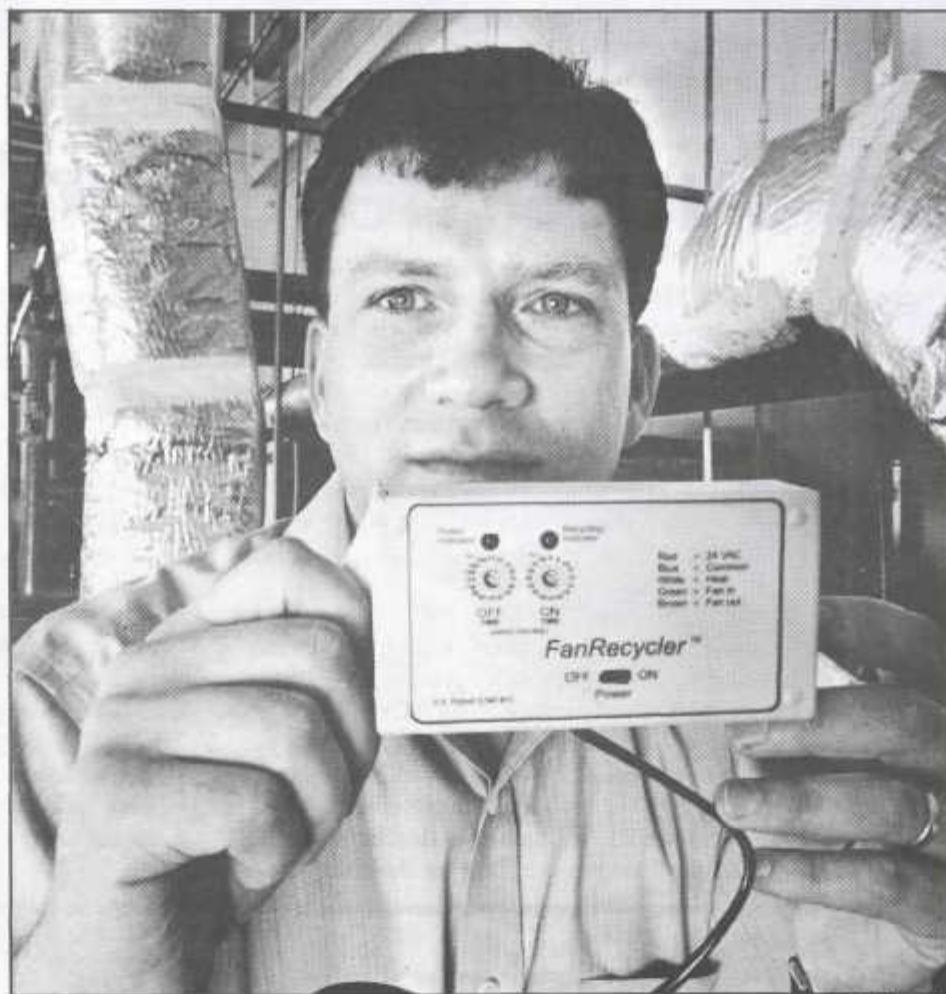
Staying comfortable at home during the blazing Florida summer just got easier and cheaper with the invention of a device that "knows" when to tell the heating and air conditioning unit to circulate air.

The FanRecycler — an electronic control device that controls an air conditioner's fan — was invented by Armin Rudd, a senior research engineer at the Florida Solar Energy Center. The FanRecycler is the size of a normal thermostat control and cost between \$50 and \$65, depending on quantities ordered. More than 1,200 are currently installed in homes across the U.S. and Canada. Its users include home builders and heating and air conditioning contractors across the country.

Personal discomfort at home brought about the invention. When Rudd moved to Florida, he couldn't find an inexpensive way to improve the quality of air in his home. "My home is airtight, so I needed ventilation," Rudd says. "To handle humidity, I bought a stand-alone dehumidifier, but it didn't work for the whole house. I needed something that would get the air to move on a regular basis throughout the house."

When the only alternative to partially solve his dilemma was to install a dehumidifier onto the central air conditioning at a cost of about \$2,000, he decided to come up with a solution that was better and cost less.

The FanRecycler not only improves the effectiveness of temperature and humidity controls and air filtration, but helps eliminate stagnant and uncomfortable air that a centrally located thermostat or hum-



Jacque Brund

Armin Rudd and his FanRecycler are changing the way homes are kept comfortable.

idistat can't correct.

The device can be set to operate the air conditioner fan, for instance, for 10 minutes, every 20 minutes from the last time the air conditioning unit ran. "If you use a timer, the fan would operate every 20 minutes even if the air conditioner had just turned off seconds before," Rudd says. "There's no feedback. It's inefficient. The FanRecycler makes logical decisions."

Rudd says that dehumidifying homes, especially in Florida, improves health. "Many allergies are caused by dust mites, which can thrive in 55 or higher relative humidity. So dehum-

idifying is important," he says.

Although airing a house will bring in fresh air, it will increase humidity. "The humidity can go into the drapes, furniture, even the walls," he says. "Then, getting the humidity down requires a lot of work by the air conditioning, which is not cost efficient."

Air in houses needs to be exchanged continuously, says Rudd. He cites the various things that make air "stale" or impure. Odors, the "out gassing" of volatile organic compounds that come from synthetic materials and substances in the house, such as plastics and chemicals from cleaning

products, pollute indoor air.

Even if the air conditioning doesn't bring fresh air in through the return duct, the regular circulation of the air will do what Rudd calls "whole house mixing."

"While you're sleeping, the air in other rooms besides the bedrooms are fresher. By using the FanRecycler, the air quality is going to be better in bedrooms," he says. "If fresh air is brought in through the return duct, then you won't have to open up your house for periodical airings. It will be done continuously."

The manufacturer of the FanRecycler, Lipidex, is working to go to the next stage. "Right now, they're not attractive looking," says Jason Wolfson, Lipidex president. "We're working on the next generation because most of the first generation are gone."

Wolfson says the feedback from builders has been incredible. "They [FanRecyclers] are going like crazy. All of these problems you can have with energy-efficient homes just go away with it. And it is incredibly reliable. No problems with it," he says.

Rudd, the 1997 recipient of UCF's Institute and Centers Distinguished Researcher Award, holds six U.S. patents with two more pending in the areas of heating/ventilation/air conditioning and metal-wood framing members. He has worked on numerous commercial and residential building projects dealing with indoor air quality, moisture control, rain intrusion, thermal comfort and energy systems.

The project to develop the device was sponsored by the U.S. Department of Energy, Office of Building Technology, State and Community Programs.

For information on the FanRecycler, call Bob Abernethy, engineering technician at FSEC, at 638-1426.

— Joanne Griggs

Employee of the month

Name: Sophia Galeano
Title: Housekeeper
Department: Housing
Job description: Responsible for cleaning 15 rooms
Length of Service: Two and 1/2 years
Background: Born in Italy, Galeano immigrated to New York City in 1991 and studied hard to become an American citizen. She worked as a seamstress in New York, married (now widowed) and has three children. She arrived in Orlando with her children in 1993 and came to work for UCF. Recently transferred from the Administration Building to Housing.



Jacquie Brund

Hobbies: Sewing, reading, walking (with daughter, Michelle) and listening to Luciano Pavarotti and Placido Domingo.
Quote: "I think UCF is a good place to work. There are good

benefits, opportunities to get a better education and, best of all, good people to work with."

In praise: "Sophia is a hard-working person, very dependable and reliable. She is very well liked," says Miriam Metz, custodial supervisor

— Sheila Anderson

Navy pilots can sharpen skills by playing simulation games

Can a \$50 flight simulator game and a specially configured desktop computer help Navy flight school students become better pilots? The Navy wanted to know, so they asked UCF's Institute for Simulation and Training to find out.

Norm Helberg, a researcher with IST's Performance Technology Group and a former naval flight officer, evaluated an assortment of commercial simulator products that Navy pilots-in-training could use to augment formal instruction. Later project stages call for developing guidelines for measuring the training effect of various software. IST also was asked to recommend the best ways to incorporate the training into the Navy's flight school curriculum.

"We started with some very good off-the-shelf video games and added low-cost components that add realism to the flight experience," Helberg said. "These games are excellent candidates for the research. The consumers of this type of game demand realism and the software developers have delivered."

Helberg studied a range of components, from a basic "economy" setup using a desktop computer to a full cockpit mockup with functioning gauges and controls. Trainees would use the simulator in their quarters or at home during off-duty hours. Simulators can even be linked together, through local connections or over the Internet, so students can simulate interacting with others in the air.

"The simulator is not a substitute for flight

training," said Helberg. "I don't see the Navy junking all their high-end simulators in favor of a desktop PC. But if PC technology and these games, along with the traditional simulator training, can help turn out better pilots and flight officers, it's worth many times the investment."

The commercial market with its potential for millions in sales is ample justification for a company's six-figure software design budget, said Helberg. Government entities, producing training materials for its own use, can't justify that level of expenditure.

Microsoft, the originator of one popular flight simulation game, apparently agrees. On the Microsoft Flight Simulator Web page the company recently took advantage of the Navy's enthusiasm for the game. Its promotional material links one Navy flight student's high marks with his use of the computer game. The company has released an add-on that allows virtual pilots to fly the Navy's primary training aircraft, the T-34C Turbo Mentor Trainer, over a virtual Corpus Christi, Texas.

IST Interim Director Brian Goldiez said that researching computer games for military application is a bit of a switch for the institute. More often, the research arm of the university has seen projects it developed for the government picked up by commercial industry.

— Randall Williams

Caught in the act



Jacquie Brund

Employees at the UCF Police

Department were recognized for their work in 1998 during an annual awards presentation held on May 10. Also pictured are administrators, friends and family.

Welcome

Glen Carlson — senior accountant, Student Government;
Eda Correa — assistant librarian, Library; **James Ferryman** — audio visual specialist, Computer Services;
Allison King — assistant librarian, Joint Use Library, Brevard campus; **Glenna Oro** — special projects assistant, President's Office; **Tim Pettit** — library technical assistant, Library; **Anthony Recascino** — computer support analyst, Computer Services, Daytona campus;
Marie Thompson — office assistant, College of Engineering Dean's Office.

Kudos

Janet Park Balanoff, director of Equal Opportunity and Affirmative Action Programs, was named the 1999 Outstanding Human Resource Practitioner by Florida CUPA (College and University Personnel Association). The award is perceived as statewide recognition for effectiveness on campus.

Robert Harman, director of the Counseling and Testing Center, has been appointed building manager for the Student Resource Center, building No. 7.

Greg Mason, director for Greek Affairs in Student Development and Enrollment Services, was named to the Baldwin-Wallace College Alumni Council as a member-at-large. Mason, a 1984 graduate of Baldwin-Wallace College, is serving his second term, ending in December 2001.

Marty Wanielista, dean of the College of Engineering, has been named the 1999 Engineer of the Year by the Florida Engineering Society. He has been at UCF for 29 years and is an internationally recognized expert on flood water and water pollution. Wanielista will be honored by the society at its annual meeting in July.

Book examines work of young Jewish intellectuals

Moshe Pelli, director for Judaic Studies, has just returned from a 10-month sabbatical, during which he published two books and completed a third.

During his 14 years at UCF, Pelli has worked to enhance Judaic knowledge, scholarship and awareness in the community.

His most recent published book focuses on Hebrew Enlightenment literature, the work of young Jewish intellectuals in Germany from the 1780s to the 1880s. Their groundbreaking work, he says, bucked tradition and "played a very important role in the shift of European Jewry towards modernism ... and set the trends for modern-day Judaism." Written in Hebrew, Pelli's "Kinds of Genre in Haskalah (Enlightenment) Literature: Types and Topics" is for scholars, intellectuals, writers and educators.

"I study different genres, forms of literature. Ten genres were prevalent: fables, dialog of the dead, satire, autobiography, biography, regular dialog, utopian writing, religious disputations, novel-in-letters and travelogue," explains Pelli. "I study the bridges from European to Hebrew literature, defining the genres, reviewing and discussing the writers."

"In my teaching and learning, I realized this period was misrepresented. Not fully presented. There was a tendency to shy away from this literature. [People] didn't realize it is part and parcel of European literature. That intrigued me. I did a lot of comparative studies ... I redefine this literature altogether. Others have mentioned the genres. No one has presented it as a uniform type of literature."

"I am basically a student of this period. I try to show great change and struggle between tradition and innovations, concentrating more on the literature itself. Showing its viability ... I lived that century in a way. It was a beautiful century."



Pelli

— Susan Loden

CALENDAR

14

Art (Library exhibits through May 31): "Type Director's Club of New York Show," by Robert Davis; "Culture of the Philippines," by Ven Basco; "UCF Celebrates Leadership," by Edward Hampton; "Essence of India," by Chrishma Singh; "Are You Ready for Hurricane Season?" by James Uhlir; "Communication Experience," by Milan Meeske.

Meeting: AFSCME, College of Education, Dean's Conference Room, noon. 823-2773

Sports: Baseball vs. Georgia State, Tinker Field, 7 p.m. 823-1000

15

Sports: Baseball vs. Georgia State, Tinker Field, 1 p.m.

16

Meeting: Toastmasters Club, Research Parkway Pavilion Building, 7:30 a.m. 823-3312 or 671-2656

17

Blood Drive: campus, 10 a.m.-4 p.m. 999-8485 or 849-6100

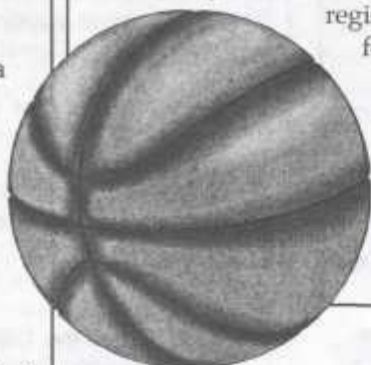
18 and 19

Lecture: "Understanding UCF Student Orientation and Registration Procedural Changes," hosted by Academic Development and Retention, Student Union, 221AB, 11 a.m.-noon on May 18, 3-4 p.m. on May 19.

Mosey on over, ya all

The 27th annual USPS Awards Banquet is July 9 at the Holiday Inn/UCF. This year's theme is "Nashville Knights" and the banquet will have a Grand Ole Opry setting. Those attending are encouraged to dress as their favorite country star — past or present — or just wear western duds. There will be an "Opry Stage" for anyone wishing to share his or her talents. Tickets are \$17. Also, the banquet committee is looking for a country band to entertain for the evening. For information, call 823-5756 or e-mail sandra.hall@bus.ucf.edu.

Hoop it up this summer



Kirk Speraw Basketball Camp at UCF is accepting registration for boys and girls (ages 7-17) for Day Camp sessions, June 14-18 and June 21-25 in the UCF Arena. Shooting Camp is June 26, 9 a.m.-3 p.m. Day Camp is \$160 and includes lunch, a basketball and a camp T-shirt. The Shooting Camp is \$40. Call the men's basketball office for a brochure, 823-5805.

20

Meeting: Staff Council, BA 230, 9:30 a.m. 823-6060

Sports: Community volleyball sign-up, Recreational Services, \$40 per team. 823-2408

21

Forum: Central Florida Quality Exchange, sponsored by UCF

Quality Initiatives Office, 12424 Research Parkway, Ste. 225, free, 8:30-10 a.m. 275-4330

21 and 22

Music: Scenes, music and songs from "West Side Story," Student Union Cape Florida Ballroom, 7 p.m. 823-2716

24

Sports: Tennis singles sign-up, Recreational Services, \$10 per player. 823-2408

25

Sports: 3-on-3 basketball sign-up, Recreational Services. 823-2408

26

Sports: 2-on-2 sand volleyball sign-up, Recreational Services. 823-2408

27

Theatre (through June 6): "Little Shop of Horrors," by Howard Ashman and Alan Menken.

27 and 28

Sports: 4-on-4 flag football sign-up, Recreational Services. 823-2408

June

6

Event: U Can Finish Road Rally, family or group automobile scavenger hunt, starts at Lake Claire, \$25 per person, register by June 3. 823-2586.

For a more complete calendar, check out the universitywide listing on the Web (<http://www.ucf.edu/pubrel/>).

MAY

CLASSIFIED

For Sale

Condo, 3/2, completely remodeled. Directly across from NASA launch pads on the Indian River. 27 miles from main campus and 5 miles from Brevard campus. Great view. Partially furnished. \$89,500. 823-6040 or 633-5554.

Dining room set, solid cherry Ethan Allen, 42" round table, plus 2 leaves, table pads, 6 upholstered chairs and lighted 7-foot corner china cabinet. Excellent condition. \$1,800 obo. 351-6252 after 5:30 p.m.

Exercise unit, Gold's Gym competitor series. Numerous functions for complete workout. Great condition, rarely used. \$350. Dave, 823-3589.

Nitro bass boat by Tracker, 1997, 16'4", loaded. Metallic blue fiberglass, bimini top, 60 hp Mercury ELPTO with stainless steel prop, watertight cover, galvanized trailer with spare tire. One owner. Mint condition. \$9,500 obo. 366-4443.

NordicTrack ski exerciser, basic model gives a great workout, includes time/distance/speed display, \$140. 365-6914 or Suncom at 364-1453.

Pickup truck accessories, for full-size, long bed models. Pipe/ladder rack, \$150; topper, \$50, will take best offer. Must sell soon. 365-6914 or Suncom at 364-1453.

Sofa, black and gold pin-striped with four large and two small throw pillows, in good condition, \$275. 292-6931 after 6 p.m.

Toyota Camry, 1988, V6, 5 speed, AC, power lock and windows, well maintained, fair condition. \$1,800 obo. 786-2585.

Wall Unit, custom designed/built in 3 parts. Neutral finish. Includes 2 pull-down desks, 8 file cabinet drawers, 3 lighted glass shelf display cases, storage areas, TV, and 2 lamps

as well as a trundle daybed. 12' wide, 8' tall, 2' deep. Perfect for study/guest room. Also plush pile, high quality carpet in off white and peach. Each approx. 16'x16', plus fabric blinds in neutral peach, 2-3' sections and 1-5' section. All the above near new. Fran, 823-2850.

For Rent

Vacation house in Asheville, N.C., lovely, newly constructed 3/2 cedar home. View of mountains; 20 minutes from

Biltmore House/Gardens. Tastefully furnished; 2 fireplaces. Wrap-around decking. Sleeps 6. Available by week or month. 695-4416 or e-mail siebert@pegasus.cc.ucf.edu

Vacationers, small, architecturally outstanding vacation home, weekly \$375, bi-weekly \$600, in charming, high mountain community of Little Switzerland, N.C. Near Blue Ridge Parkway at an altitude of 4,000 feet, golf, hiking, Penland Craft School and Art Studios, gem mining, horseback riding, Biltmore Estate in Asheville, Mt. Mitchell. Photos and info, 678-9383.

Official Ballot to Spotlight 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 Human Resources, ADM 230, EOM.
(Mark envelope "confidential.")