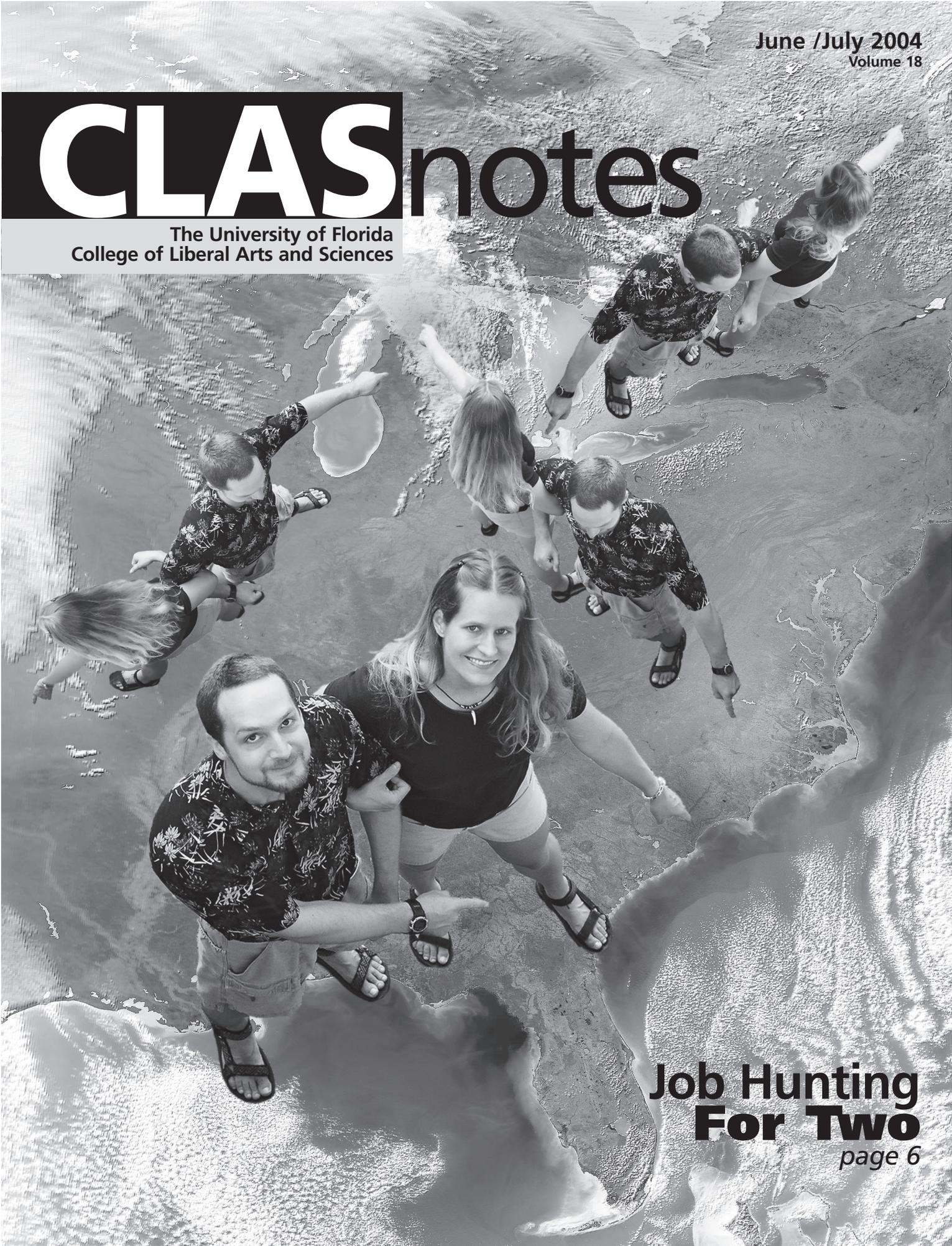


June / July 2004
Volume 18

CLASnotes

The University of Florida
College of Liberal Arts and Sciences



Job Hunting
For Two
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CLASnotes is published bimonthly by the College of Liberal Arts and Sciences to inform faculty, staff and students of current research and events.

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Additional Photography:
Courtesy SeaWiFS Project, NASA/Goddard Space Flight Center and ORBIMAGE: cover (background photo of North America)
Toni Mills: p. 3 (Mills)
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The Dean's Musings

Making it Work: The Challenges of Dual Hires

The hiring of new faculty and staff members is one of the college's most important actions in strengthening academic programs, increasing diversity and building bridges across departments and colleges that are key to new interdisciplinary endeavors. In order to be competitive among our peers in attracting the best faculty and staff, it is no longer sufficient to consider the individual alone. In an increasing number of cases, candidates are making their choices based on opportunities for their partners at the university or in the surrounding area. The quality of life for a couple can weigh as importantly as career opportunities at the institution. As a competitor we need to be sensitive to the issue and willing to be creative.

Dual hires thus raise a number of challenges. One normally seeks to fill a vacancy in a particular field where there is a well-defined need. The partner, meanwhile, will in most cases have expertise in a totally different area in a different department, and even a different college, and many times there will be no current openings. Fortunately at UF, there is a strong spirit of cooperation between colleges and departments to try to meet these needs whenever possible, since each unit faces the same challenges at one time or another. Most significantly, the Office of the Provost has stepped forward to help provide some resources for hiring faculty partners in cases of high merit.

Funding and the willingness to make dual appointments does not constitute the final decision—department reviews of credentials are followed rigorously to ensure the academic integrity of the individual and that the partner is a good fit for the department. Faculty members have the final say, and proper university procedure must be followed if the position was not previously advertised.

Despite these formidable challenges, we do succeed in making a number of dual appointments, though they are only a fraction of the total number of requests each year. As we seek to appoint new faculty who will make a difference to the university and the college, especially in leadership positions, these requests will increase greatly. The best faculty and staff have high expectations, and we need to rise to the challenge.

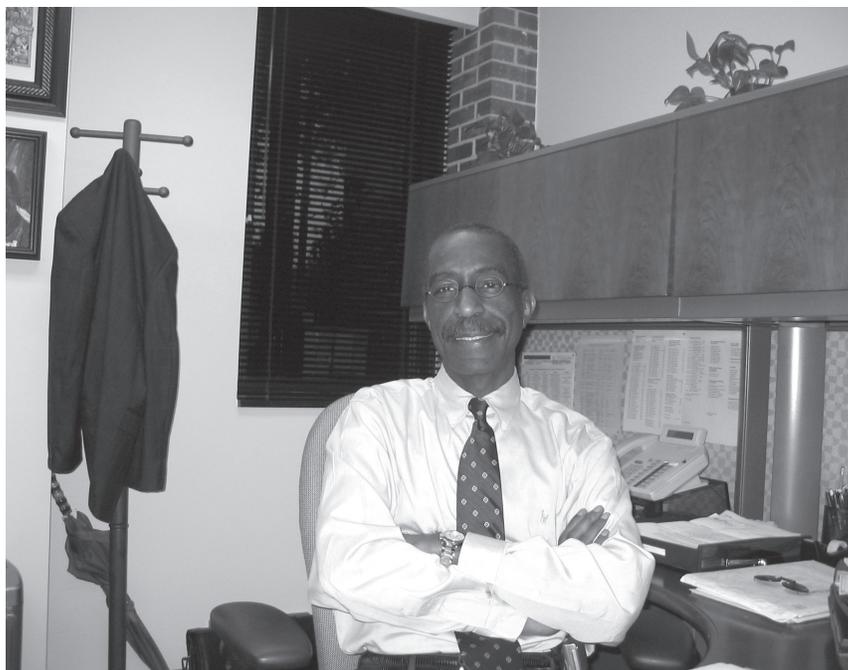
—Neil Sullivan
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On the Cover:

Married zoologists Greg Pryor and Tamatha Barbeau have struggled to find jobs together in academia after earning their PhDs at UF.

Meet Terry Mills

Associate Dean for Minority Affairs



Associate Professor of Sociology Terry Mills is the new CLAS associate dean for minority affairs and director of the Office for Academic Support and Institutional Services (OASIS). Mills has been at the University of Florida since 1996, and most recently was the Assistant Dean of the Graduate School with responsibilities for the Office of Graduate Minority Programs, and the Ronald E. McNair Post-baccalaureate Scholars Program.

Mills' current research examines how physical health, functional disability and demographic and socioeconomic factors influence the levels of depressive symptoms among older adults. Also, he is involved in research that examines intergenerational relationships between grandchildren and their grandparents.

He earned his PhD from the University of Southern California in 1996, where he was a National Institute on Aging Pre-doctoral Fellow at the Andrus Gerontology Center. Prior to completion of his doctorate, Mills held corporate positions in information technology for more than 20 years. In 2002, he was recognized as a CLAS Teacher of the Year.

As I embark on my new appointment as the associate dean for minority affairs and special programs in CLAS, I am excited about the challenges facing me and the university as we enter a period of new beginnings. One of my challenges is following in the footsteps of Harry Shaw who served in this capacity for nearly three decades. In this regard, I am faced with the task of integrating my own vision for the Office for Academic Support and Institutional Services (OASIS), while also maintaining the momentum of existing academic support programs, such as PAACT, Student Enrichment Services and the UF Upward Bound Program.

Part of my vision for the future of OASIS is to create an academic pipeline extending from high school through post-baccalaureate education. Several parts of this pipeline are already in place. For example, the Upward Bound Program helps prepare high school students for post-secondary education. The various other support programs such as tutoring and peer counseling that are administered through OASIS are designed to assist students to achieve academic success and earn their bachelor's degree. I see a need to extend these services in ways that will create a

climate that encourages and facilitates pursuit of advanced degrees, especially the PhD. One way to accomplish this goal is to provide more research training opportunities for undergraduates, such as OASIS administered NSF Research Experiences for Undergraduates (REUs). Another approach would be to create a hub of activity where students and faculty can interact in intellectual, social and cultural conversations that promote the importance of scholarship.

During my nearly eight years at UF, I have enjoyed working with many students from virtually every corner of our campus. However, I recognize that minority students, faculty and staff at major research universities have distinctive needs, which must be addressed if they are to achieve academic and professional success. Part of my challenge is to continue to identify these needs and develop appropriate programming and support. I cannot move OASIS forward without the help and support of my colleagues and members of the community, and I look forward to hearing from each of you and discussing ways that we can achieve the strategic missions of OASIS, CLAS and the university through collaboration and cooperation.

—Terry Mills
tmills@ufl.edu



Astronomy graduate student Ashley Espy trains for her next marathon by running an average of 17 miles each day. She recently competed in the Boston Marathon, placing 325 out of 7,697 women.

Astronomy's Star Runner

When astronomy PhD student Ashley Jeanne Espy was in the second grade, her doctor diagnosed her with asthma and told her parents that running could help her breathe better. This year, at age 26, Espy ran the 2004 Boston Marathon and is training for her next long-distance race. "I started running when I was seven and haven't really stopped," she says. "Running helps me clear my head, and I've actually thought about complex math and physics problems while I'm running because I have the time to think."

The Summerville, Georgia native was a member of her high school track team and also competed for Georgia Tech's cross country track team during her undergraduate years. Back then, Espy only ran four to six miles in races and could not imagine why someone would want to compete in a marathon. "I used to think marathon runners were psycho because 26 miles is so long and hard to do. I couldn't even imagine running a half marathon."

But moving to Gainesville for graduate school changed Espy's mind. For the first time in her life she was not a member of a track team, so she decided to start training with the com-

petitive division of the Florida Track Club. In December 2003, Espy ran her first marathon in Jacksonville in 3 hours and 27 minutes. She competed in other races in Florida, but soon set her sights on the 2004 Boston Marathon, a race with 20,000 runners. "I run twice each day or about 100 miles every week on the track, treadmill and around Gainesville. This city is actually a running hub, and Olympic runners have trained here because of the mild weather during the winter, and there are quite a few hills on 8th and 16th avenues," explains Espy, who says she has run all but about five days during the past ten years.

After several months of intense

training, Espy competed in the 108th Boston Marathon on April 19, the day after her 26th birthday. She started as number 9,058 out of 20,344 based on her qualifying time. "A computer chip in my shoe marked the time I actually crossed the start line because with that many people, it took me almost seven minutes to start the race, and the runners at the back of the pack had to wait about 20 minutes," says Espy. "The race started at noon, and at mile 17, I vomited because I ate a different kind of energy bar that didn't agree with me. I fell down twice after that, and my legs were really cramping, but I kept pushing myself to finish."

Espy did finish after 3 hours, 34 minutes and 29 seconds, placing 2,932 out of 20,344 runners and 325 out of 7,697 women. The Russian woman who won the women's division finished in 2 hours, 24 minutes, and 93 percent of the runners finished the race. After competing, Espy had to walk two miles back to her hotel and even though she was elated, she did not feel much like celebrating. "Your body needs time to recover, and I couldn't even eat dinner that night. I was hungry and wanted to eat, but my body wasn't ready for food yet." And when Espy returned to UF, she had to walk down the stairs in the Bryant Space Science Center backwards for a week because her leg muscles were still cramping. "Running is really tough on your body. I've had stress fractures and knee surgery, and I can't walk barefoot anymore because my heels hurt too much."

Also competing in this year's Boston Marathon was UF Assistant Professor of Italian Mary Watt, a veteran marathon runner who has competed in more than a dozen marathons and Ironman triathlons since 1996. "I started running in law school to help me sleep at night and also to keep my weight down," says Watt. "Running gives me several hours of uninterrupted contemplative time—with no phones or distractions, just the sound of my feet and the rhythm of my breathing."

An Ironman competition, which includes swimming, biking and running a marathon, is the next feat Espy wants to accomplish. "I want to run a marathon in under three hours first, and there is an Ironman competition in Panama City in November 2005 that I'd like to train for," she says.

Espy has been able to draw several comparisons between marathon training and her graduate research on light scattering to determine the structure of asteroids. Jokingly she says, "They both make you sweat a lot, you feel as if something or someone is always chasing you, and there is always one more mile to go before you're finished."

—Allyson A. Beutke

The University of Florida Research Foundation (UFRF) has selected its annual class of UF Research Foundation Professors. The three-year professorships were created in recognition of faculty who have established a distinguished record of research and scholarship that is expected to lead to continuing distinction in their field. This year, six CLAS faculty have been named UFRF professors, and each has been awarded a \$5,000 annual salary supplement and a one-time \$3,000 research grant.

UFRF Professors



Colin Chapman is an associate professor of zoology who has made many important contributions to understanding tropical biology and primate ecology. His research has used experimental and observational approaches to address questions related to how plant communities influence animals and how animals influence their environment. Most of his research has focused on primates, and he has conducted fieldwork in Canada, the Caribbean and Costa Rica, and has established a long-term research and training program in Kibale National Park in Uganda.

Chapman, has been at UF since 1993 and has received numerous grants in support of his work from the National Science Foundation, the Leakey Foundation and the Wildlife Conservation Society, and has research collaborations with his wife, Lauren Chapman, a fellow zoology professor and 2003–2004 UFRF professor.



David Foster is an associate professor of geology, with scholarly achievements primarily in the fields of tectonics and thermochronology. Since arriving at UF in 1997 his research has combined detailed field observations with high precision radioactive dating measurements.

He is one of a select group of geoscientists who has successfully integrated data to lead to a better understanding of the physical, chemical and geodynamic processes that control the evolution of continents and continental fault zones. In particular, Foster's lab is one of a handful in the world that has the capability to characterize the thermal history of rocks from 50 to 500 degrees C. His research has a strong international component, with active projects and research collaborations in Australia, Austria, Namibia and New Zealand.



Arthur Hebard is a professor of physics who specializes in condensed matter. His research focuses on the fabrication and characterization of thin-film structures and the unusual physical phenomena that occur within restricted dimensions.

Much of his work is done through the facilities of the National High Magnetic Field Laboratory and consists of four key areas—transport in thin films, magneto-transport in semimetals, novel interfacial effects in thin-film capacitors and magnetic semiconductors.

He has been issued six US patents for his work and has received numerous grants from the National Science Foundation. Hebard came to UF in 1996, after spending most of his professional career as a member of the technical staff at AT&T Laboratories.



Weihong Tan is a professor of chemistry, and he specializes in the areas of bio-analytical chemistry, biomedical engineering and biophysics. His work combines molecule manipulation and bioanalytical instrumentation with biochemistry and molecular biology to develop technologies, molecular probes and advanced materials for biomedical problems affecting human health and fundamental biomolecular processes.

He has ten active grants from agencies including the National Institutes of Health, the NSF and the Packard Foundation. Tan came to UF in 1996, and is the associate director of UF's Center for Chemical Research at the Bio/nano Interface.

In 2004, the Pittsburgh Conference recognized his work in biosensors, molecular recognition, molecular engineering and bionanotechnology.



Timothy Vollmer is an associate professor of psychology. His contributions to the field have involved extending research on basic behavioral principles to the application of treatment for both severe and mild behavior disorders displayed by children. In the past five years, this work has been supported by two research grants from the National Institutes of Health and more than \$4 million in funding from the Florida Department of Children and Families (DCF).

Vollmer has taught at UF since 1998. Currently, he is creating laboratory models of common behavioral treatments, as well as evaluating parent-child interactions based upon known principles of behavior and learning. For the DCF, his work involves teaching foster parents basic behavioral parenting skills to be used when interacting with previously abused and neglected children.



Luise White is a professor of history, specializing in eastern and southern Africa. Her work spans, and often integrates, political, social and cultural history, folklore, anthropology and ethnography, gender studies, oral history and the history of medicine.

She has published several books, including *The Assassination of Herbert Chipeto* in 2003 and *Speaking with Vampires: Rumor and History in Colonial Africa* in 2000. Her first book, *The Comforts of Home: Prostitution in Colonial Nairobi*, published in 1990, won the Herskovits Prize of the African Studies Association.

White's current research project is a book-length study of the Rhodesian army as it struggled to defend Rhodesia's renegade independence in the 1960s and 1970s. White came to UF in 1998 and teaches undergraduate and graduate courses.



Job Hunting For Two

When the PhD ends,
the search begins

When zoologists Tamatha Barbeau and Greg Pryor began their job search for tenure-track faculty positions in the same departments at the same colleges a year ago, they were called naïve, unrealistic and out-of-touch. “As a married couple, our quest to find two faculty positions in the same department seemed to many like a pipe dream,” Greg says. “We are thrilled that the pipe dream has become a reality—we have both landed positions as assistant professors of biology.”

Greg and Tamatha have spent the past year applying for jobs and writing about the process for the *Chronicle of Higher Education's* job search diary program. The couple received discouraging feedback from their readers, warning they were being overly optimistic about their chances of landing a dual appointment straight out of graduate school. The couple recently proved the naysayers wrong when they were hired by Frances Marion University in Florence, South Carolina, for two tenure-track positions, beginning in August.

But Tamatha and Greg realize their good fortune is not typical, or easily acquired. For many PhD students at UF who find their soul mate gazing across a research lab, starting a life together after graduate school can prove to be a very trying process.

Laura Sirot, a zoology PhD candidate, and spouse Peter Piermarini, who received his PhD in zoology in May 2002, spent much of their first year of marriage living apart in 2003, while she finished her PhD research in Gainesville and he started a post-doctoral fellowship at Yale University in New Haven, Connecticut. Though they are currently cohabitating in New Haven while Laura writes her dissertation, they will be separated again for another year while Peter continues to work at Yale and Laura starts a post-doctoral fellowship at Cornell University in Ithaca, New York in January.

“Many people have asked me why I don’t find a position in New Haven where Pete has his post-doctoral position,” Laura says. “I thought about this for a while, but I found a person with whom I am really interested in working at Cornell and secured a position there. Both Pete and I think that it would be better for our relationship if we both pursue what makes us happy.”

Engaged couple Joanna Levine, an astronomy PhD candidate, and Tim Spahr, who received his PhD in astronomy in May 1998, find themselves in the same predicament. They met during the fall semester of 1997, when Joanna was entering the PhD program and Tim was finishing his dissertation. After dating most of the academic year, Tim graduated and took a post-doctoral position at the University of Arizona. Unwilling to break off the relationship, the couple has spent six of their nearly seven years together living in separate states.

“It has definitely been a challenge,” Joanna says. “Sometimes you wonder why you are with this person you never see. It has been hard.” Joanna will defend her dissertation in December, and is hoping to join Tim in Cambridge, Massachusetts—where he is now working for the Harvard-Smithsonian Center for Astrophysics—if she can find a job nearby. They have not set a wedding date yet, and do not plan to until Joanna

Above:

On their own terms

Zoologists Greg Pryor and Tamatha Barbeau's year-long search resulted in tenure-track faculty positions at the same liberal arts college.

Right:

Flexibility is key

Audiologists Brian and Nicole Kreisman are willing to work outside academia in order to keep their family together.

finds a job. "I want to graduate and get my degree first and then live together for a while, or at least in the same state, before we get married," she says. "It really depends on the job hunt. If I get a job in Massachusetts that starts in the fall, we'll probably go ahead and get married sooner than if I get a job elsewhere."

Sacrifices like these have become common to couples in the academic career field. "The opportunities for two spouses in the same general discipline are extremely limited," says Craig Osenberg, a zoology professor who is married to fellow faculty member Colette St. Mary. "As a result, compromise is almost always necessary. Making it work takes an incredible amount of goodwill and mutual respect, to say nothing of forward-thinking departments and administrators who are willing to find creative ways to accommodate these couples."

For Tamatha and Greg, it was a question of being taken seriously as scientists, since neither wanted to be labeled as the "trailing spouse"—the one hired by a university in order to get the other person on the faculty. "When we applied for jobs, we did not put anywhere in the applications that we were married, and we didn't apply for the same positions," Greg says. Tamatha adds, "We wanted to be sure that any offer was made on our merit, not on the basis of our marital status. We wanted to both be wanted—I didn't want to be the dinghy on someone else's yacht."

The two, who met while working at a veterinary clinic in upstate New York, came to UF in 1996 when Greg was accepted into the zoology PhD program. A year later, Tamatha beat the odds by being admitted into the same program. When Greg graduated in summer 2003, he took an adjunct professor position at UF to give Tamatha time to finish up her dissertation. When they started applying for jobs last August, their search was further complicated by the fact that Tamatha had not yet defended her dissertation.

The *Chronicle of Higher Education*, intrigued by the couple's story, picked them out of 400 applicants to write columns for its job search diary program. The couple wrote three columns for the academic publication, expressing their desire for a dual appointment at the same university, preferably in the South. Though they discussed in detail their application and interview experiences, they refrained from identifying the colleges at which they applied. After a year of ups and downs, the couple landed their dream jobs—tenure-track faculty positions in biology at a small liberal arts college in the South.

"People said we were naïve, but I think we were actually very realistic," Tamatha says. "We know that we were lucky, but we strategized and devoted every moment of the past year to this and did our homework. We decided not to be negative until proven otherwise."

Brian and Nicole Kreisman are also optimistic about their career options. Nicole is starting her quali-

fication exams in audiology, and Brian is working as a post-doctoral associate, having earned his PhD in 2003. Proud parents of Anna, 2, and Josiah, who was born on Memorial Day this year, a long distance marriage just is not feasible. Nicole hopes to finish up her PhD within a year, and the couple then plans to look for jobs in larger cities, where if they cannot both find faculty positions, they can work in a clinical setting.

"Even if I were to find a really great teaching position, he could get a job with a hearing aid manufacturer, so there's a lot of flexibility," Nicole says. "We are not as closed off as couples in the sciences or humanities."

Donovan German and Lisa Crummett, who met in high school and got married in June 2001 while working on their master's degrees in California, just finished their first year in UF's zoology PhD program. They hope to follow in the footsteps of Greg and Tamatha and get a two-body appointment at a university upon graduation.

"For those of us starting off our academic careers together as couples, to have role models within the department is a really amazing thing," Lisa says. "We doubted whether we could have children if we both went into academia because the work is quite demanding when you are constantly applying for grants, writing papers, teaching, doing research and advising. So how would we ever have time to raise a family? Seeing that there are other couples who are making it work, like Craig Osenberg and Colette St. Mary, is very encouraging."

For other couples hoping to land jobs together in academia, Greg and Tamatha have some advice. "Sit down as a couple and decide what you want, not the semester before you graduate, but years before you enter the job search," Tamatha says. "Know who you are and what you want to do, and apply to universities where you can make that happen."

—Buffy Lockette



Retiring Faculty

Eleven CLAS faculty members from eight departments retired at the end of the academic year. These professors were honored at the CLAS Baccalaureate ceremony on April 30, and each retiree received a chair emblazoned with the seal of the university and an attached plaque giving the faculty member's name and years of service.

Walter R. Cunningham, Psychology

David A. Jones, Botany

Murdo J. MacLeod, History

Stephen A. Saxon, Mathematics

Harry Shaw, English and Office of Academic Support and Institutional Services

L. Elizabeth Seiberling, Physics

Douglas L. Smith, Geology

Eldon R. Turner, History

Henri A. Van Rinsvelt, Physics

Anne M. Wyatt-Brown, Linguistics

Bertram Wyatt-Brown, History

Psychology Junior is a Beinecke Scholar

Adena Rottenstein, a junior psychology and business administration double major, is one of 18 national winners of the prestigious Beinecke Scholarship. Rottenstein is the first UF winner of the scholarship, which is awarded to students who have demonstrated superior standards of intellectual ability, scholastic achievement and personal promise during their undergraduate careers and plan to enter a master's or doctoral program in the arts, humanities or social sciences. Each scholar receives \$2,000 prior to entering graduate school and an additional \$30,000 while attending graduate school.

Rottenstein has conducted research through the psychology department on first-generation college students, and is working on two theses for both psychology and business administration. She is proficient in American Sign Language, which has allowed her to serve as a volunteer interpreter as well as an instructor for an ASL Leisure course. She is a member of the University Honors Program and has completed internships with the City of Gainesville, Famous Footwear and J.C. Penney.

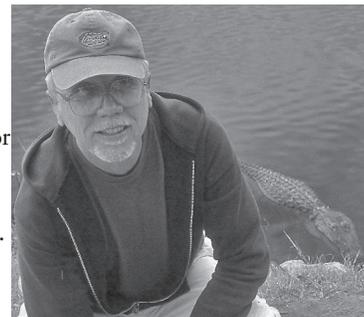
CLASnotes encourages letters to the editor. E-mail editor@clas.ufl.edu or send a letter to CLASnotes, PO Box 117300, Gainesville FL 32611. CLASnotes reserves the right to edit submissions for punctuation and length.

Around the College

Anthropology Professor Named AAAS Fellow

David Grove, a courtesy professor in the Department of Anthropology and a professor emeritus at the University of Illinois, Urbana-Champaign, has been named a fellow of the American Academy of Arts and Sciences.

Founded by John Adams and John Hancock in 1780, the academy has elected some of the finest minds and most influential leaders in US history, including George Washington, Benjamin Franklin, Daniel Webster, Ralph Waldo Emerson, Albert Einstein and Winston Churchill. Grove joins 177 other fellows and 24 foreign honorary members elected to the academy this year. "David Grove is the recognized specialist on ancient Mexico, especially the central highlands and the Olmec culture there," says Allan Burns, chair of anthropology. "His election to the academy is fitting recognition of his profound and influential scholarship on the birth of the great civilizations of Mexico, including the Olmec, Aztec and Maya." Grove will be honored at the academy's annual induction ceremony in October at its headquarters in Cambridge, Massachusetts.



Physics Graduate Receives National Scholarship

The Society of Physics Students (SPS) has awarded **Colin Shepherd** a 2004–2005 SPS Leadership Scholarship. Each year, the national organization recognizes physics undergraduates who have achieved high levels of scholarship in both physics and overall studies,

exhibited potential for continued scholastic development in physics and actively participated in SPS programs. Shepherd, who graduated in May with a BS in physics, served as president of the UF chapter of SPS. He was chosen as one of only three students nationally for the scholarship and will receive \$2,000 to pursue his graduate studies at the University of California, Santa Barbara.

The American Institute of Physics recently named UF's SPS chapter an Outstanding SPS Chapter for 2002–2003. Less than 10 percent of SPS chapters are recognized annually. **Yoonseok Lee** serves as the faculty advisor of UF's chapter. The group also recently received a Marsh W. White Award from the national SPS for its Physics on Fire outreach program that brings a series of shows to primary and secondary schools, illustrating the physics of heat-related topics with visually stunning demonstrations.



DEPARTMENT NEWS

Academic Advising

The National Academic Advising Association has awarded the Academic Advising Center a 2004 Outstanding Electronic Advising Publication Certificate of Merit for its new Preview Prep Web page, www.preview.ufl.edu/prep, which prepares new students for orientation. **Tim Young**, the director of advising information systems, and academic advisor **Lynn O'Sickey**, designed the page to go along with the university's newly designed Web site, launched on February 11, 2004. The center will be honored at the association's annual conference in Cincinnati, Ohio, this fall.

Anthropology

Paul Doughty has received the Malinowski Award from the Society for Applied Anthropology. Regarded as the highest award in applied anthropology, Doughty will deliver the distinguished Malinowski lecture next March at the society's meeting in Santa Fe, New Mexico.

Steven A. Brandt, **Connie J. Mulligan** and graduate student **Drew Kitchen** gave invited talks at the 2nd Conference of the African Genome Initiative, Genomics and Society, held in Giza, Egypt at the end of March. Brandt spoke on "Proto-Semitic Languages: An Alternative Model." Mulligan's talk was on "Mitochondrial D-loop Analysis of Bovine Skeletal Material from Eritrea," and Kitchen spoke on "Linguistic and Genetic Phylogenetic Reconstructions as a Means of Investigating the Evolution of the Semitic Language Family."

Botany

Francis E. "Jack" Putz was recently appointed as the Prince Bernhard Chair for International Conservation at Utrecht University in The Netherlands. During his five years as the Prince Bernhard Chair, he will retain his position at UF but will work closely with faculty and students from Utrecht and other Dutch universities. He will spend approximately one month per year in The Netherlands and in research sites in Bolivia, Indonesia, Vietnam, Zimbabwe, and elsewhere in the tropics.

Putz spent the spring 2004 semester in Massachusetts after receiving a Harvard University Bullard Fellowship to study at the Harvard Forest.

Chemistry

James D. Winefordner has received the 2004 Lester W. Strock Award from the Society for Applied Spectroscopy in recognition of his outstanding work in the development of resonance fluorescence imaging monochromators. He will receive the award at the Federation of Analytical Chemistry and Spectroscopy Societies meeting in Portland, Oregon in October.

Classics

Karelisa Hartigan presented the Robert J. Murray Lecture at Xavier University in Cincinnati, Ohio on March 20. Her speech, "Drama and Healing, Ancient and Modern," included a discussion of her work with the Arts-in-Medicine program at Shands Hospital at UF and a demonstration of her improvisational acting.

Criminology and Law

Paul Magnarella contributed a chapter titled "The Consequences of the War Crimes Tribunals and an International Criminal Court for Human Rights in Transitioning Societies" to the book *Human Rights and Societies in Transition*, published this year by the United Nations University Press.

Geography

Grant Thrall was invited to present the annual Reginald G. Golledge Distinguished Lecture to the Department of Geography at the University of California, Santa Barbara in May. The title of his presentation was "Business Geography of the GIS Industry." He also presented a luncheon address titled "Spatial Intelligence in the Calculation of Absorption for Real Estate Market Analysis."

Geology

A Fort Myers high school student mentored by **Michael Perfit** was awarded an Intel Young Scientist Award, one of three awarded internationally, on May 14 at the Intel International Science and Engineering Fair. **Rose Langberg**, 17, who just completed her junior year at Canterbury School, spent a year analyzing volcanic rock samples from the deep ocean floor for her earth and space sciences project. She has been awarded a \$50,000 scholarship and a high-performance computer and plans to attend UF for her college education after graduating in 2005.

Mathematics

Alexander Dranishnikov has been appointed to the editorial board of the journal *Proceedings of the American Mathematical Society*, one of the most widely circulated mathematics journals in the world. In addition, one of his papers, "Large Riemannian Manifolds which are Flexible," recently appeared in the prestigious *Annals of Mathematics*.

Philosophy

David Copp presented his paper, "The Normativity of Self-Grounded Reason," in April at a conference on personal identity at the Social Philosophy and Policy Center at Bowling Green State University. He also presented "Moral Naturalism and Three Grades of Normativity" at St. Louis University in March for the St. Louis Philosophy of Social Science Roundtable.

Dan Kaufmann recently presented "Locke on Individuation and the Corpuscular Basis of Kinds" at Oxford University for a conference commemorating the 300th anniversary of John Locke's death. He also recently published "Infimus Gradus Libertatis?: Descartes on Indifference and Divine Freedom" in the journal, *Religious Studies*, and "Divine Simplicity and the Eternal Truths in Descartes" in the *British Journal for the History of Philosophy*. In April, he hosted a two-day conference at UF, the "Southeastern Seminar in Early Modern Philosophy."

Kirk Ludwig presented "A Conservative Modal Semantics with Applications to De Re Necessities" at the Pacific Division meeting of the American Philosophical Association in Pasadena, California in March.

Political Science

Peggy Conway has been selected by the American Political Science Association to receive the 2004 Frank J. Goodnow Distinguished Service Award in honor of her outstanding service to the community. The award is named in honor of the association's first president, Frank J. Goodnow, a former president of Johns Hopkins University who exemplified the public service and volunteerism represented by the award. Conway will be recognized at the organization's annual meeting in Chicago in September.

Religion

Leah Hochman has been invited to join the Oxford Centre for Hebrew and Jewish Studies at Oxford University for the Spring 2005 semester. Every year, the Skirball Fellows Program invites seven scholars from around the world to stay at the Yarnon Manor estate, where the Centre is located, to pursue research projects in all areas of Jewish history, literature, languages and thought. She will have the opportunity to finish her book project and plans to take advantage of the rare book holdings of the Bodleian Library.

Romance Languages and Literatures

Retired Professor of French **Raymond Gay-Crosier** recently gave an invited seminar on "Preparing a Multi-volume Camus Pléiade Edition: Critical and Methodological Problems" at Harvard University's Humanities Center.

Sociology

The National Council on Family Relations (NCFR) has acknowledged **Felix Berardo's** many years of leadership in the field of family studies by creating the Felix M. Berardo Award for Mentoring in his honor. The award will recognize faculty members in family studies for extraordinary efforts to provide students and colleagues with the guidance and social support essential to their career development and advancement. It will be given every two years and will include a cash prize. A celebratory dinner to kick off the fundraising campaign for the award will be held on November 18 at the annual meeting of the NCFR in Orlando.

The Southern Gerontological Society has created the Gordon Streib Academic Gerontologist Award in honor of **Gordon Streib's** scientific career and contributions to the field. The award recognizes outstanding career contributions to the advancement of gerontology through excellence in research that has contributed to the quality of life of older people, teaching of students and professionals and service to professional organizations.

Read *CLASnotes* online at <http://clasnews.clas.ufl.edu>



Vicki Sarajedini examines the deepest, most detailed optical view of the universe—provided courtesy of NASA's Hubble Space Telescope.

Grants

Galaxy Gazing Astronomer Receives CAREER Award

When Halley's Comet made its most recent trip through the night sky in 1986, Assistant Professor of Astronomy Vicki Sarajedini, then just in high school, proudly set up her Sears, Roebuck & Co. telescope—paid for with money earned doing odd jobs around her parent's dairy farm in rural Ohio—and invited the entire neighborhood to come out and take a look at the highly anticipated celestial object. As a recent winner of a National Science Foundation CAREER grant, Sarajedini plans to use part of her \$480,000 award to purchase a portable planetarium to share with the Gainesville community.

In her spare time, Sarajedini will present planetarium shows to local schools and civic groups, teaching children how to look at stars and constellations. Her own research focuses on galaxies billions of light years away, invisible to the naked eye and undetectable by most telescopes on Earth. Using images from NASA's Hubble Space Telescope, Sarajedini is examining "active" galaxies, which have a super-massive black hole in their center millions of times larger than the sun.

"There are black holes in our own galaxy that are on the order of the mass of our sun, caused by the remnants of a dying star," she says. "But we are not sure how these super-massive black holes that wind up in the center of these galaxies form." During the next five years, Sarajedini will look at thousands of galaxies and determine whether or not their central luminosity has changed over time. "What we are wondering is how these galaxies fit into the whole galaxy evolution scenario," she says. "I want to know how this stage fits into every galaxy's life, and ultimately, our own galaxy."

Sarajedini came to UF in 2001, after completing post-doctoral fellowships at Wesleyan University and the University of California's Lick Observatory. She received her PhD in astronomy in 1997 from the University of Arizona and her MS in astronomy from Yale University in 1992, where she met husband and fellow UF astronomer Ata Sarajedini, who also received a CAREER award in 2001. The Sarajedini's are among seven UF astronomy professors who have won the award in the past six years.

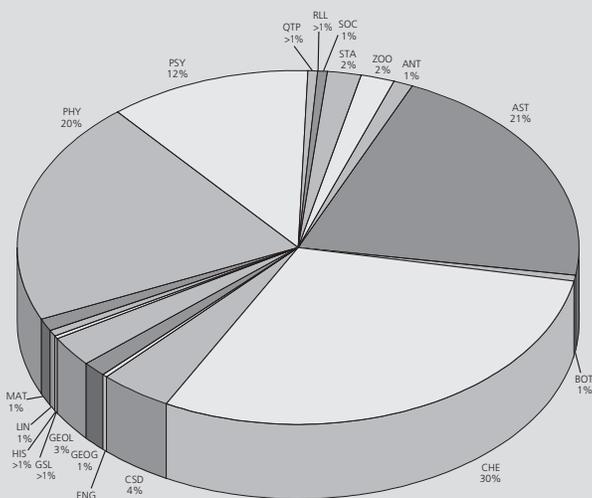
"No other astronomy department in the US has achieved this, as far as I have heard," says Department Chair Stan Dermott. "Since only the top 10 percent of young tenure-track faculty in the United States get CAREER awards, we can safely say that we are hiring some of the best new faculty in the nation."

Other astronomy faculty to receive CAREER awards in recent years are: Elizabeth Lada, Richard Elston, Fred Hamann, Steve Eikenberry and Jonathan Williams.

—Buffy Lockette

Grants through the Division of Sponsored Research

March 2004 Total: \$3,192,825
April 2004 Total: \$4,347,983



Grant Awards for March and April 2004 by Department

Read the full grants listing at <http://clasnews.clas.ufl.edu/news.shtml> in this month's issue of *CLASnotes* online.

Bookbeat

Recent publications from CLAS faculty

Do Animals Think?

The question that might naturally occur to many humans has become the main focus of a two-year project by Associate Professor of Psychology Clive D.L. Wynne. Having studied animal psychology for more than 20 years, Wynne says the idea for the new book, *Do Animals Think?*, actually came from his students. "Students naturally ask questions about their animals and about myths they have heard and want to know more," says Wynne. "My previous work is more technical, but with this project my students forced me to be a better scholar."



Clive Wynne, author of *Do Animals Think?* (Princeton University Press).

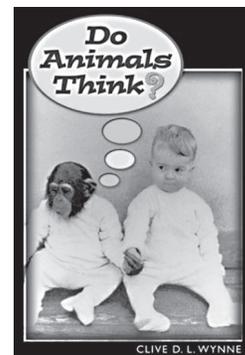
Readers will be amazed to learn what certain species are capable of, Wynne says. The honeybee, for example, with just a sand grain-sized brain, has a complex system to determine whether it has collected good nectar. "It is no secret that honeybees communicate to each other where they found nectar, but what is astonishing is that only those who found above average nectar share their information," explains Wynne.

What about the belief that dolphins can tell if a swimmer is pregnant? No evidence, Wynne says. It is also not true that dolphins

have an elaborate form of communication. They do, however, help fishermen with their catch, as is well-documented in southern Brazil, by swimming to create a wave that sweeps fish closer to shore. "These are the things that are fascinating," Wynne says. "It's truth versus fantasy. Fifty years ago it was thought a dolphin could not swim with someone holding its fin, but now we see quite differently at several popular attractions. So it is possible that the many legendary tales of dolphins rescuing humans from drowning are also true."

So, how do you test if an animal is thinking? The process is difficult to explain, Wynne says, but there are several simple experiments that tell a lot. For example, a chimpanzee, considered to be one of the smartest animal species, is placed in front of two people with food. One of them has a bucket over her head, while the other looks directly at the chimp. Whereas a dog knows it must be acknowledged to get the food, the chimp will just as happily beg from the person with the bucket over her head. "Animals do not think the same way people do," says Wynne. "Each and every species has its own way of thinking, but animals do have minds and their own ways of dealing with the world."

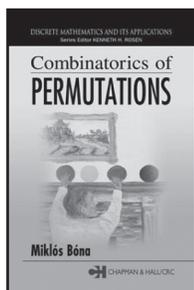
—Kimberly A. Lopez



Combinatorics of Permutations, Miklos Bona (Mathematics), CRC Press

There are 650 articles with the word permutation in the title whose primary classification is combinatorics, but, until now, there have been no books addressing the topic. The very first book to be published on the subject, *Combinatorics of Permutations*, contains a comprehensive, up to date treatment of the subject. Covering both enumerative and external combinatorics, this book can be used as either a graduate text or as a reference for professional mathematicians. The book includes many applications from computer science, molecular biology, probabilistic methods, and pattern avoidance, and the numerous exercises show readers a fairly comprehensive list of recent results from the field.

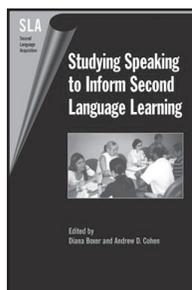
—Amazon.com



Studying Speaking to Inform Second Language Learning, Edited by Diana Boxer (Linguistics) and Andrew D. Cohen, Multilingual Matters Ltd.

In a series of studies specially written for this volume, *Studying Speaking to Inform Second Language Learning* offers the applied linguist research on spoken interaction in second and foreign languages and provides insights as to how findings from each of these studies may inform language pedagogy. The volume is organized to offer empirical studies never before published, and overviews for each section that weave together the important issues dealt with in the different chapters. An important contribution is the focus on methodological issues. The authors provide pedagogical applications emerging from their studies whilst the editors spell out the key insights that can be gleaned from those studies. As such, the volume offers an interweaving of perspectives rarely seen in applied linguistics texts.

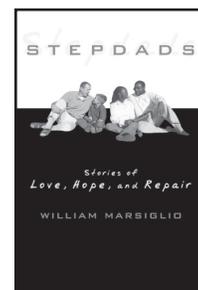
—Book jacket



Stepdads: Stories of Love, Hope, and Repair, William Marsiglio (Sociology), Rowman & Littlefield Publishers, Inc.

This book addresses provocative and timely questions facing stepfathers, single mothers, and remarried couples today. It speaks to those who study and work with stepfamilies as well as persons who have ever thought about or lived in a stepfamily. The issues are complex and diverse: How do men become romantically involved with women who have children from previous relationships? What enables these men to see themselves, and have others perceive them, as acting in a fatherly way toward other men's children? What types of commitments, privileges, and obligations do men develop toward stepchildren? Drawing on revealing in-depth interviews with a diverse mix of stepfathers and their partners, years of doing research on fathers, and his personal experience, Marsiglio examines these and related questions.

—Book jacket



CLAS Honors Staff

On June 2, CLAS honored its employees for their commitment and years of service to the university at a reception in the Keene Faculty Center. CLAS Dean Neil Sullivan and Personnel Services Director Larry Ellis each offered words of gratitude and encouragement. Recognized employees received a UF pin, a certificate and a CLAS mug.

At the ceremony, office managers Paula Maurer, botany, and Debbie Wallen, political science, received the 3rd annual CLAS Employee Excellence Award. Dean Sullivan presented each with a \$1,500 check.

The following 39 staff members were recognized for their years of service to CLAS and UF.

5 years

Kevin Hanna, astronomy; **Matthew Glover**, **Sharon Hughes**, **Lidia Matveeva** and **Melinda Olszak**, chemistry; **Geoff Gowan**, CLASnet; **Julia Porchiazzo**, mathematics; **John Bennett**, **Connie Kirkpatrick** and **Irina Maslova**, physics; **Dwayne Williams**, Romance languages and literatures.

10 years

Linda O'Donnell, Academic Advising Center; **Kenneth Sallot**, astronomy; **Pamela Williams**, botany; **Lawrence Hartley** and **Arlene Rodriguez**, chemistry; **Donald Brennan**, physics; **Jacqueline Rollins**, psychology.



15 years

Julia Reiskind, botany; **Beverly Lisk** and **Joseph Shalosky**, chemistry; **Linda Opper**, history; **Martha Love**, LUECI; **Sandra Gagnon**, mathematics; **William Axson**, physics; **Debbie Wallen**, political science.

20 years

Glenda Smith, astronomy; **Glennis Bryant**, **Maribel Lisk** and **Gwendolyn McCann**, chemistry; **Arlene Williams**, dean's office; **Bernice Pruitt-Wilson**, OASIS.

25 years

Steven Miles, chemistry; **Gloria Bolinger**, criminology; **William Malphurs**, physics.

30 years

Paula Maurer, botany; **Carolyn James**, OASIS.

35 years

Russell Pierce, chemistry; **Frank Davis**, zoology.



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