

CLASnotes

The University of Florida
College of Liberal Arts and Sciences



summer
excursions
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E-mail editor@clas.ufl.edu with your news and events information for publication in *CLASnotes*. The deadline for submissions is the 15th of the month prior to the month you would like your information published. Don't wait! Send us your news and events today!



College of Liberal Arts and Sciences News and Publications

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The Dean's Musings

The Larger Picture

The college has made noteworthy strides in building new research programs in recent years that cover a wide range of areas, from the basic sciences to the social sciences and the humanities, but what is often neglected is the need to integrate the research with our educational programs.

As we build exciting new research endeavors, we need to keep in mind that we are an educational institution and our research programs need to be an integral part of our educational mission. Graduate student training, particularly in the interdisciplinary areas, is a critical part of that integration, and our success in placing our graduate students is a major factor in the national assessment of our research stature. These graduate students also provide the workforce for the new technologies and policies that the state will depend on for a healthy economy.

In this age, undergraduate students also can play an appreciable role in research. Through the University Scholars Program, almost 200 undergraduates from across campus have the opportunity to work one-on-one with a faculty mentor on selected research projects and complete a research paper each year. Many other students also undertake a research project with a faculty member during their senior year and write an honor's thesis. Participation in these projects prepares our undergraduates for life after graduation and is often critical in their admission to graduate and professional schools.

The leading institutions with which we aspire to compete have a very "complete" educational-research program that presents young students with research opportunities early in their careers, as well as bringing the excitement and motivation of discovery into the classroom at the elementary levels. Research buildings are designed not only to carry out research, but also to integrate the teaching and the research and provide the complete university experience.

Neil Sullivan
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On the Cover:

Sign language instructor Michael Tuccelli is driving to Alaska and back on his Honda Silver Wing motorcycle this summer to raise money for deaf infants and senior citizens. Tuccelli is one of many CLAS professors who use the summer months to catch up on interesting hobbies and activities. See page 4.

Simply the Best

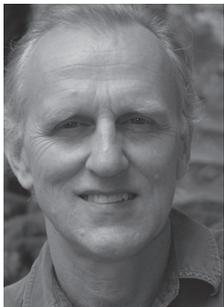
UF Names Research Foundation Professors

The University of Florida Research Foundation (UFRF) recently recognized its annual class of 33 UF Research Foundation Professors. The three-year professorships are based on nominations from department chairs, a personal statement and an evaluation of recent research accomplishments as evidenced by publications in scholarly journals, external funding, and honors and awards. This year, six CLAS professors received UFRF awards, which include a \$5,000 annual salary supplement and a one-time \$3,000 research grant. The professorships are funded from the university's share of royalty and licensing income on UF-generated products.



Sue Boinski, an associate professor of anthropology, has developed a world-class career with her active program of research and scholarly pro-

ductivity in New World primatology and evolutionary and historical ecology. First hired by the university as a researcher in 1993, Boinski holds a PhD in zoology from the University of Texas at Austin, as well as bachelor's and master's degrees in anthropology. She is regarded as a world authority on the biology, ecology and behavior of capuchins and squirrel monkeys. Her current research is on how wild brown capuchins in the South American republic of Suriname produce signals important in sexual selection by striking sticks and hard fruits against large tree branches.



Jim Channell, a professor of geology, is a distinguished geophysicist who has made important contributions to the field of

earth science. He received his PhD in geophysics from the University of Newcastle-upon-Tyne, England, in 1975 and came to UF in 1982. Channell is conducting cutting-edge research in several areas, including the ordering in time and space of the fossil record and

associated geologic events, the motion of the continents across the earth's surface and their interaction, the behavior of the earth's magnetic field through time, and the relationship between variations in magnetic mineral susceptibility and environmental change. One of his recent findings is that the intensity of the earth's magnetic field can be used as a global means of correlating sedimentary climate records at thousand-year scales. Such correlations are important for the study of abrupt climate change.



Ira Clark, a professor of English, is a leader in the field of Renaissance studies, particularly drama studies. He published

his fourth book in 2003, *Comedy, Youth, Manhood in Early Modern England*, and is currently writing *Rhetorical Readings, Dark Comedies, and Shakespeare's Problem Plays*. He received his PhD in English from Northwestern University in 1966 and came to UF in 1972. Clark's work is aimed at engaging well-conceived discussions within the field of Renaissance studies and how it is affected by drama. He has published 20 essays and 16 reviews.

William Marsiglio, a professor of sociology, is an accomplished and productive researcher whose work focuses on the social psychology of men's experiences in the areas of sex, fatherhood and reproductive health. He received his PhD



in sociology in 1987 from Ohio State University. He has authored and co-edited six books, and his research has been cited more than 700 times in scholarly literature. His two qualitative studies resulted in path-breaking books published in 2002 and 2004, *Sex, Men and Babies* and *Stepdads: Stories of Love, Hope, and Repair*. Marsiglio also has a book in press entitled *Situated Fathering: A Focus on Physical and Social Spaces*.



Charles Martin, the Colonel Allen R. and Margaret G. Crow Professor of Chemistry, is a recognized expert in nano-materials and their role in chemical analysis. Director of the UF Center for Research at the Bio/Nano Interface, his work involves both bioanalyti-

cal chemistry and materials science. He has pioneered the application of nanomaterials to biosensor design and electrochemical energy storage and production.

Martin is a fellow of the Electrochemical Society and is listed among the top 20 cited authors in nanotechnology. He received his PhD in chemistry in 1980 from the University of Arizona and came to UF in 1999. He also serves as a professor in the Department of Anesthesiology.



Manuel Vásquez, an associate professor of religion, is widely recognized within the field of religious studies for his research on issues of immigration, transnationalism and globalization. He came to UF in 1994, upon the completion of his PhD in religion from

Temple University that same year. His research focuses on the intersection between Christianity and the diverse economic, political and cultural manifestations of globalization, with the aim of developing theoretically sophisticated and innovative approaches to the social scientific study of religion.

He has published four books, including 2003's *Globalizing the Sacred: Religion Across the Americas* and 2005's co-edited volume *Immigrant Faiths: Transforming Religious Life in America*.

—Buffy Lockette

summer excursions

CLAS professors escape to life outside the classroom

It has been said that the best thing about being a teacher is June, July and August, but for many CLAS professors the pressure to publish new research or obtain additional grants often keeps them confined to their laboratories and offices during the summer, ignoring the allure of the Florida sunshine. The following faculty members have found ways to schedule in a bit of fun each year—nourishing hobbies and activities that often take a backseat to the rigorous demands of scholarship. Come along with them as they cruise through the Mediterranean, drive cross-country on a motorbike, train for triathlons, perform in European concert halls and travel to the not so Wild West, and maybe, just maybe, you will find yourself penciling in a sojourn of your own.

Traveling in Harmony

In his free time, in a new spare room he has built in his house, Physics Professor Gene Dunnam is building a pipe organ. His wife requested the additional room since his previous pipe organ occupied most of their living room. And while this harmonious hobby is time consuming, it is only part of Dunnam's musical ventures. A charter member of the Gainesville Civic Chorus, he has traveled the past two summers to Europe to perform with a small group of members under the direction of chorale conductor Will Kesling, a UF professor music. In June, they performed Carl Orff's "Carmina Burana" in the Smetana Hall in downtown Prague along with the Czech Philharmonic and three other choral groups.

The group also toured other parts of Europe, including the German cities of Dresden and Leipzig, where classical composer and famed organist Johann Sebastian Bach spent the last years of his life. "All organists want to make a pilgrimage to Leipzig," says Dunnam, who served as vice president of the chorus in the 1980s as well as on its board of directors.

The chorus started in 1976, under the direction of UF Professor of Music Elwood Keister, as the US Bicentennial Choir, playing a major role in the community's celebration of the 200th anniversary of the Declaration of Independence. Around 80 members perform throughout the year in events such as the annual *Messiah* Sing-A-Long and fall and spring concerts.

When CLAS holds its annual spring Baccalaureate ceremony, this group always performs. Members must audition, and the group practices several hours each week when preparing for a performance.

Dunnam's musical



Gene Dunnam, a member of the Gainesville Civic Chorus, traveled to Europe to perform in Prague.

interest dates back to his childhood.

"My grandfather, mother, and my aunts and uncles all loved to sing," he says. "I remember Mama teaching me all the verses to *America* when I was around six years old. I've sung in school and church choirs ever since." Dunnam's wife and children also sing, and his youngest son is a member of a band. In addition to the organ, the baritone singer also plays the recorder, bassoon and piano.

Dunnam has even engineered a way to bring music into his physics classroom. This fall, he will be teaching a course that he created more than 20 years ago. The Physical Basis of Music, PHY 2464, is a basic science class that explores such concepts as how sound waves work and why we hear certain sounds differently. Even though he has found a way to combine his two interests, Dunnam admits that music is actually an escape from his research laboratory. "Performing well requires concentration and, at least temporarily, switching off other cares and concerns. I am rewarded by being part of a recreation of a great work of art."

Lecturing at Sea

Between semesters and during class breaks, many UF professors enjoy a rest from the classroom. But Classics Professor Karelisa Hartigan and English Professor Kevin McCarthy cannot seem to stop lecturing, though they do get away from it all—on luxurious ocean liners. When their UF teaching and research schedules allow, the married couple can be found aboard various cruise ships around the globe, serving as highly sought after des-

tinuation lecturers.

Wed in 1992, after having met while teaching courses during back-to-back class periods at Carleton Auditorium, the couple has spent nearly every summer, spring break and winter break since 1996 educating cruise ship passengers on special topics, such as lighthouses or pirates, or on the history and culture of ports of call. They have worked aboard 21 cruises so far, visiting more than 30 countries, for cruise lines such as Crystal Cruises, Princess Cruises and Celebrity Cruises.

"First we look at our schedules and then we get to choose an itinerary," Hartigan says. "We have done the Western Caribbean, Eastern Caribbean, the United Kingdom through the Mediterranean, Bermuda and the Black Sea. In May, we boarded in Dover, England and went to Ireland and then through ports in Portugal, Gibraltar, Barcelona, the French Riviera, Livorno, Sorrento, Corsica and Lisbon."

Treated as both passengers and staff, Hartigan and McCarthy have the same dining and cabin accommodations as passengers, but follow the crew's code of conduct, which prevents them from striking it rich in the onboard casino or living it up in the nightclub. They must represent the ship at all times, wear a cruise line nametag and be accessible to the passengers. On sea days, they present lectures that are recorded and replayed throughout the cruise so passengers unable to attend can enjoy them from the privacy and comfort of their cabins.

"We also do what is called 'sail-ins'," McCarthy says. "When we are coming

Married couple Karelisa Hartigan and Kevin McCarthy enjoy lecturing aboard luxury ocean liners whenever they can catch a break from their academic careers.

into a port like Lisbon, for example, we will get on the bridge with the captain and have as many as 2,000 to 3,000 people on the upper decks while one of us will explain over the loudspeaker system what we are looking at as we are coming into port.”

In between lectures, the couple mingles with the guests or accompanies groups on port excursions. They usually wear University of Florida shirts and introduce themselves as UF professors. They almost always meet at least one UF alumnus on a cruise. “*Go Gators!* is almost an international code or password, it seems like,” Hartigan laughs. They plan to continue working the cruise lecture circuit for the “foreseeable future” and each has talent agents who call almost weekly with a new offer, more than the couple could ever accept. Says Hartigan, “It is a nice reward, at the end of a long career, to be able to do this.”

Scoring History

Every July, thousands of high school students across the country eagerly await the results of their Advanced Placement (AP) exams to find out if they will receive any college credit for the AP courses they took in school. And every June, professors and teachers from around the US gather to grade the essay and problem-solving portions of these exams. Professors like CLAS Associate Dean Angel Kwolek-Folland, who most summers since 1988 has spent two weeks scoring US history essays—all day, every day. “It’s a great experience but quite grueling,” says Kwolek-Folland. “We are reading essays seven days a week from 8 am until 4:30 pm. I have higher stacks of papers on my table than I ever do at UF.”

This year, Kwolek-Folland was one of 927 readers who gathered at Trinity University in San Antonio,



Angel Kwolek-Folland spent two weeks in June scoring thousands of AP US history essay exams along with hundreds of other history teachers from around the country.



Texas to score almost 875,000 US history exam essays. As a veteran reader, Kwolek-Folland has moved up the ranks, holding titles of table leader and exam leader, with responsibilities that include arriving early to organize the process and helping set standards for scoring.

The AP program was established in 1955 and gives high school students the opportunity to take college-level courses followed by an exam at the end of the course. Based on the score, colleges can choose to award students certain amounts of college credit. More than 30 courses in 19 subject areas are offered at high schools around the country.

“I have read some stunning essays each year, and they amaze me because students have a limited amount of time to write their responses. Some are definitely beyond even the college level in their answers,” says Kwolek-Folland. “However, sometimes it’s hard when an essay question addresses my area of research, US women’s history. I find

myself wanting to give the essay a tougher critique, but that’s why we set up standards at the beginning about what each of the five essays should include, and we have to stick to it.”

The AP program pays for the professors’ travel to San Antonio and puts them up in dorms. They eat all their meals in the cafeteria and receive a modest stipend, and the program often arranges activities and tours after the reading ends each evening. “What I enjoy most are the people,” says Kwolek-Folland. “They keep me coming back each year. We have discussions about not only history, but issues facing today’s high school students, so I’m getting a heads-up on what to expect when these kids start college.”

Kwolek-Folland is not the only UF faculty member to spend part of her summer scoring exams. Associate Professor of Spanish Shifra Armon has assisted with AP Spanish exams during

Summer, continued from page 5

the past 10 years and actually met her husband through the experience. "He taught Spanish at California Polytechnic State University and sat right next to me for seven days of non-stop scoring," explains Armon. "I recall that one of the questions our team was assessing that year was an essay analyzing a love poem by Pablo Neruda." The couple's wedding program included the AP icon of an acorn to recognize the role the organization had in bringing them together.

The 10,000-mile Fundraiser

Many Americans dream of driving cross-country at least once in their lives. For sign language instructor Michael Tuccelli, it is an annual tradition.

On July 1, Tuccelli sets out on his burgundy Honda Silver Wing motorcycle for a 19-day, 10,000-mile pilgrimage from St. Augustine, Florida to Hyder, Alaska and back to raise money for deaf infants and senior citizens, as well as Florida's disabled. He and a small group of fellow bikers hope to raise \$5,000 for charity as part of the fourth annual Alaska Bike Run. The event was created by Tuccelli in 2002 and has raised \$10,000 so far for the UF Cochlear Implant Team, Child Find of America, Ephphatha Deaf Ministries, the Florida Alliance for Assistive Services and Technology and for the Gresham, Oregon retirement home for the deaf, Chestnut Lane.

"I would like this to eventually bring in \$100,000 or more annually," Tuccelli says. "Bikers who join the charity run collect pledges per mile, beginning at one-tenth of a cent per mile. I also collect sponsors. I know this will start slow but with more than 130,000 hits on my Web site and with other bikers knowing that this will take place yearly beginning the last weekend of

May or first weekend of June, this will grow."

Tuccelli, who has been deaf since birth, will cross 17 states and two Canadian provinces this summer, with fellow bikers joining him along the way as he travels through the Southeastern US, across Texas, and up through New Mexico, Utah, Nevada and the west coast through California, Oregon and Washington. Tuccelli says he will drive 400 to 600 miles a day, avoiding major cities when possible and opting for more scenic routes, including a trip through Yellowstone National Park. Last year, the charity run started in Key West and traveled up the east coast to Maine and then across Canada to the Arctic Circle and then down to Mexico.

A biker since age 14, Tuccelli shares the hobby with his 92-year-old father and 18-year-old daughter. He plans to continue the Alaska Bike Run well into his twilight years. "Maybe this is no big deal right now, but when I am fortunate enough to do this in my 80s and 90s this may gain more attention and support," he says. "My father's attitude is 'If you think you can't do something, just do it!' and I believe if I set yearly goals and enjoy doing it, that will give me incentive and motivation to keep healthy and active so I can actually teach my current students' grandchildren!"

For more information on the Alaska Bike Run or to sign up for next year's event, visit www.alaskabikerun.com.

Iron Woman

On a blistering hot summer day, many Gainesvillians would not choose to battle Florida's heat and humidity by running 15 miles or taking a 30-mile bike ride, but for Assistant Professor of Italian Mary Watt, training for a triathlon is a considerable part of her summer routine.

"My summer schedule is more intense since most of the triathlons are in the summer or early fall," explains Watt, who says she started running in law school to help her sleep at night and keep her weight down. "By the time I was in graduate school, I was running a lot of 5 km and 10 km races for fun.

When I received a fellowship to study in Italy, my then boyfriend (now husband) and I thought it might be fun to run a marathon, so we signed up for Venice and started training." In 2000, to celebrate her husband's 40th birthday, the pair competed in an Ironman competition. "We thought it would be a great way to mark the occasion."

An Ironman competition involves running 26.2 miles, swimming 2.4 miles and cycling 112 miles, all on the same day. Watt is training for her next event, a much shorter triathlon on July 9 in Ponte Vedra Beach. "In that race, we will swim in the ocean and run and bike on county roads."

Typically, Watt trains six days a week during the summer. "A usual week looks like this: Monday, bike an hour or so; Tuesday, swim 45 minutes to an hour in the morning and run approximately six miles during the evening; Wednesday, bike about 20 miles during the morning; Thursday morning, a longer swim and running about six to eight miles during the evening; Friday, off; Saturday, run 10-15 miles; and Sunday, bike 40 to 50 miles then a short run of about 2-3 miles."

Watt says the closer the date to an Ironman competition, the longer the workouts become. "It culminates in a 100-mile bike ride followed by an 18-mile run about three weeks before the race. Then I will start to 'taper' by reducing my workouts to rest my body for the big effort."

Having already competed in five events this year, Watt says her dream competition is the Hawaii Ironman, held annually in October. "I think that running, especially with a detailed training plan, gives you the discipline and the organization needed to complete large projects like dissertations, books, etc." says Watt. "It also gives me a sense of accomplishment each day which puts me in a pretty positive frame of mind. I believe training helps with my research, my teaching and sets a good example for my students."

—Allyson A. Beutke and Buffy Lockette

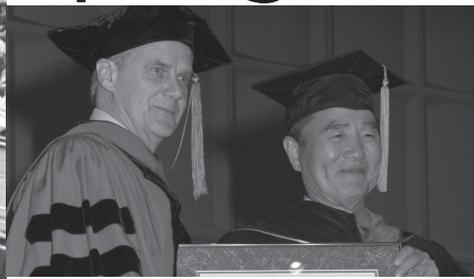


Mary Watt competed in the Disney Half Ironman triathlon in May, where she completed her fastest bike ride ever, cycling 57 miles in three hours and seven minutes.

Graduation Spring 2005

On April 30, the College of Liberal Arts and Sciences for the first time held two commencement ceremonies—one for undergraduates and another for graduate students—due to the college's expanding size.

More than 1,800 CLAS students received degrees, with 300 earning a master's or doctorate. The college honored its outstanding students and faculty at a morning ceremony for undergraduates, while later that night a more intimate group gathered at the Phillips Center for the Performing Arts to honor graduate students.



The college presented 1974 political science PhD graduate **Byong Man Ahn** (right) with a UF Distinguished Alumnus Award during the graduate commencement ceremony. Ahn, who serves as president of Hankuk University of Foreign Studies in Seoul, Korea, was also the ceremony's keynote speaker.



Mathematics Professor **John Thompson** (right) was honored by CLAS Dean Neil Sullivan with the college's first CLAS Distinguished Scholar Award during the graduate ceremony. The college created the award this year to honor the lifetime achievements of outstanding faculty members. Thompson, who came to UF in 1993, received the Fields Medal in 1970 and the National Medal of Science in 2001.



Seven CLAS undergraduates were honored as UF Outstanding Female and Male Leaders, chosen by a campus-wide selection committee for the quality and scope of their leadership activities during the course of their undergraduate careers. Pictured, from left to right, are: **Jamal Sowell**, religion; **Ariel Stein**, political science; **Kristen Detwiler**, chemistry and criminology; **Dean Sullivan**; **Michael McNerney**, former president of the UF Alumni Association; **David Duncan**, chemistry; and **Carin Brown**, English and political science.



Several of the CLAS Teachers and Advisors of the Year attended commencement and were recognized during the ceremony. From left to right are: **Masangu Matondo**, African and Asian languages and literatures; **Walter Judd**, botany; **Dean Sullivan**; **Sharon Austin**, political science; and **Jessica Harland-Jacobs**, history. Austin was recently named the UF Advisor of the Year, and Harland-Jacobs received a UF Teacher of the Year Award.

For the third year, the Crawford Celtic House led the CLAS undergraduate processional as the sound of bagpipes echoed through the crowded O'Connell Center.



Around the College

UF's Top Teacher and Advisor

Two CLAS faculty members have received university-wide teaching and advising awards. Associate Professor of Political Science **Sharon Austin** was honored with the Advisor of the Year Award, while Assistant Professor of History **Jessica Harland-Jacobs** received a Teacher of the Year Award. These awards were announced at a reception hosted by President Bernie Machen at Emerson Alumni Hall in May. **Robert Thieke**, an associate professor of civil and coastal engineering, also received a teaching award.



Sharon Austin

Austin and Harland-Jacobs each have taught at UF since 2000. Currently, Austin serves as a faculty advisor for the political science department, advising more than 100 undergraduates each year. She also is the advisor for the Black Political Science Association and the McNair Scholars and Gatorlaunch programs.



Jessica Harland-Jacobs

Harland-Jacobs is the undergraduate coordinator for the history department. Her courses have ranged from Modern Britain and The History of the British Empire to British Imperialism and Culture and Atlantic Exchanges. She recently received the Department of History's Walensky Teaching Award for her effective teaching and mentoring of graduate students.

Free Hearing Screenings

UF's Department of Communication Sciences and Disorders and the Speech and Hearing Clinic are offering free hearing screenings for UF faculty and staff this summer. Please call 392-2041 for an appointment. Times offered are Monday–Thursday from 8 am to 5 pm and on Friday from 8 am to 12 pm.

More than 28 million Americans—about 10 percent of the population—experience hearing loss. Approximately 95 percent of these individuals can correct the problem with hearing aids.

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.

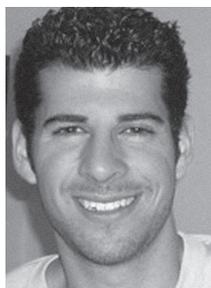
In Memorium: Martha Love

Martha Love, the former office assistant of the Land Use and Environmental Change Institute (LUECI), died on May 26 after a yearlong battle with brain cancer. She was 55, and retired in March 2005 after 30 years of service to the University of Florida, the last four of which she worked at LUECI. She previously worked for the Department of Fisheries and Aquatic Sciences from the late 1980s through 2000, as well as with UF's College of Medicine.



LUECI Director Mark Brenner describes Love as an outstanding colleague who executed her job responsibilities efficiently and with good humor. "She loved a good challenge and savored the extraordinary responsibilities that came her way in LUECI, such as interacting regularly with multiple departments, organizing international workshops and hosting foreign visitors," he says. "Her standard response to any problem that arose was 'I am sure there is a way we can do that,' and indeed, she would find a solution. Everyone left Martha's office feeling better than they did when they entered."

Love is survived by her husband of 38 years, Benjamin Love of Alachua; her mother, Ruby Odom of Tallahassee; a daughter, Buffy Love VanGelder of Gainesville; a son, Benjamin Tony Love of Alachua; a brother, Randall Odom of Tallahassee; sisters Elizabeth Johnson, Peggy Cannon, Charyl Scott and Darlene Green, all of Tallahassee; and two grandchildren.



Political Science Student Picked for a Pickering

Daniel Villanueva, a political science sophomore, has received the Thomas R. Pickering Foreign Affairs Fellowship. The award is administered by the Woodrow Wilson National Fellowship Foundation and is funded by the State Department. Villanueva was one of 20 recipients selected out of close to 1,000 applicants.

The goal of the Pickering program is to attract outstanding students from diverse ethnic, racial and social backgrounds who have an interest in pursuing a career with the US Foreign Service. The award will cover Villanueva's tuition, room, board and mandatory fees during his junior and senior years at UF, and one year of graduate studies in international affairs. Additionally, he will participate in a summer institute and two summer internships with the State Department—one in the United States, the other abroad. After completing his graduate studies, Villanueva will join the US Foreign Service for a minimum of four and a half years.

The fellowship is named after one of the most distinguished American diplomats of the latter half of the 20th century, Thomas R. Pickering. He held the rank of Career Ambassador, the highest rank in the US Foreign Service, and served as ambassador to Nigeria, El Salvador, Israel, India, and the Russian Federation, finishing his career as Under Secretary of State for Political Affairs.

DEPARTMENT NEWS

Anthropology

Susan Gillespie presented the 2005 Archaeological Research Facility Lecture at the University of California, Berkeley in May titled "History in Practice: The La Venta Complex A Excavations 50 Years Later." The talk discussed excavations at a major center of the Olmecs, an ancient culture of the East Mexico lowlands.

Communication Sciences and Disorders

Jaeock Kim, a PhD student specializing in voice sciences and disorders, has received \$2,500 from the Florida Association of Speech-Language Pathologists and Audiologists (FLASHA) for her proposed research project, "The Physiological Effects of Respiratory Muscle Strength Training with the Elderly." On May 28, FLASHA presented the department with a plaque in recognition of

its attaining the highest number of new members this year, five.

Political Science

Undergraduate **Lauren Murphy**, a junior double-majoring in political science and Spanish, has received a \$20,000 Cultural Ambassadorial Scholarship from the Rotary Club to serve as a goodwill ambassador in Quito, Ecuador for six months, beginning in the fall of 2006. Her duties will include participating in community events, giving speeches, and promoting international understanding, goodwill and peace.

Religion

Richard Hiers has been selected to serve a second year in the Distinguished Fellows Program at Eckerd College's Center for Spiritual Life. The program sponsors speakers and conferences related to questions of faith

and understanding, and this year the fellows are working on a book project focusing on religious dimensions or aspects of justice and compassion in social policy.

Hiers' article, "The Death Penalty and Due Process in Biblical Law," was published in April by the University of Detroit Mercy Law Review. It discusses how opponents and proponents of capital punishment often quote biblical texts, generally out of context, to support their respective positions.

Romance Languages and Literatures

Bernadette Cailler (French) chaired a session and presented a paper at an international conference on poet Edouard Glissant, held at the Tunisian Academy Beit al-Hikma in Carthage, Tunisia in April. Her paper was titled "De ruptures en échos: Virgile, Broch, Glissant."

New College Web Site Aids in Relocation

The redesigned CLAS Web site at www.clas.ufl.edu, unveiled in May, has a new Web page that lists property rentals of UF faculty and staff. If you have rental property available in the Alachua County area, the information can be placed on the New/Visiting Faculty Web page at www.clas.ufl.edu/faculty/visiting.html. Please send all information to www@clas.ufl.edu. The page also contains helpful information and links about the Gainesville area.

Bidding Farewell to UF

Nine CLAS faculty members and four staff members have retired this year. As a group, the following employees collectively have completed more than 400 years of service to UF.

Faculty

Jim Dufty, physics, 37 years

Eva Eichhorn, Germanic and Slavic studies, 22 years

Gerard Emch, mathematics, 19 years

John Oliver, astronomy, 35 years

Howard Rothman, communication sciences and disorders, 36 years

Gareth Schmeling, classics, 35 years

John Sommerville, history, 34 years

Marvel Townsend, mathematics, 24 years

Sam Trickey, physics, 37 years

Staff

Sharon Greene, chemistry, 24 years

Sheran Flowers, sociology, 35 years

Martha Love, Land Use and Environmental Change Institute, 30 years

Ray Thomas, physics, 35 years



Celebrating *Death of Nature*

In honor of the 25th anniversary of the publication of **Carolyn Merchant's** influential book *The Death of Nature: Women, Ecology & the Scientific Revolution*, the History of Science Society and the Center for Women's Studies and Gender Research recently held a three-day symposium at UF, *The Scientific Revolution: Between Renaissance and Enlightenment*. Scholars from across the US and England participated in the event, including Merchant, who was honored at the opening reception. Pictured above are: Merchant; **Angel Kwolek-Folland**, professor of history and women's studies; **Jay Malone**, executive director of the History of Science Society; and **Milagros Peña**, director of women's studies.

Grants

Getting to the Heart of Medical Imaging

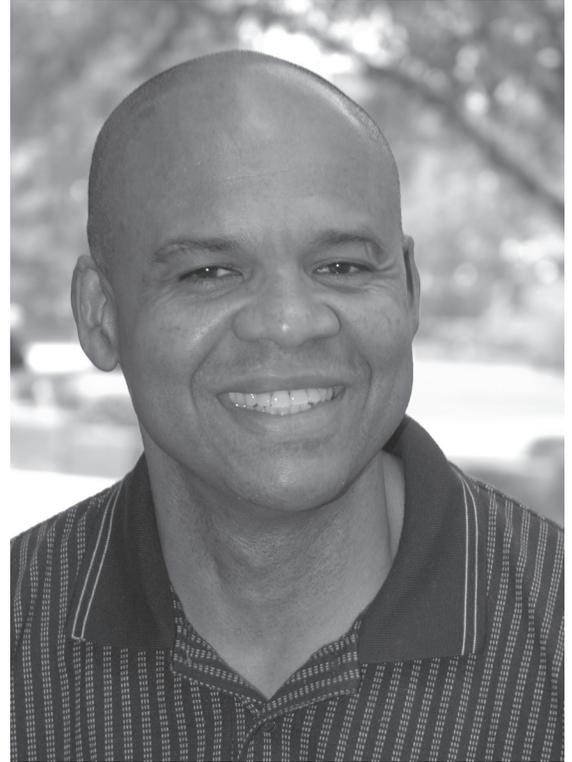
The heart, the powerful and unceasing engine of the circulatory system, can be a mystery. Advanced medical imaging has replaced the need for invasive surgery for an up-close view of the organ, but even the best technology leaves doctors and researchers with gaps in their knowledge. University of Florida Mathematics Professor Bernard Mair, in collaboration with David R. Gilland, an associate professor in the College of Engineering's Department of Nuclear and Radiological Engineering, has received a three-year, \$600,000 grant from the National Institutes of Health to develop algorithms to fill those gaps.

Their research team is developing algorithms that will help radiologists make better decisions about the health of the heart wall and will better detect the abnormalities in motion produced by an ailing heart. To obtain an image of the heart through gated emission tomography, a patient is injected with a safe radioactive isotope that has a half-life of about two hours. This isotope, called a tracer, emits minute positrons, or posi-

tively charged particles.

Mair first became interested in positron emission tomography in 1995, after arriving at UF in 1989. He had lunch with a colleague from the College of Engineering, and the pair talked about beginning emission tomography research. "At the time, I thought this would be a mathematical area of research with practical applications," Mair says. "Tomography produces a three-dimensional image of the heart or other organs by recording the effects of those energy waves produced by the decaying radioisotope in the organ and using numerical algorithms to invert the data."

Mair says the tomographic imaging produces a higher resolution image than ultrasound, but it requires more equipment. Magnetic resonance imaging or MRI, perhaps the most commonly used method of visualizing the heart, provides complementary information. Unlike an MRI—which only shows the organ's structure—positron emission tomography allows medical professionals to observe the metabolic functions of the



organ.

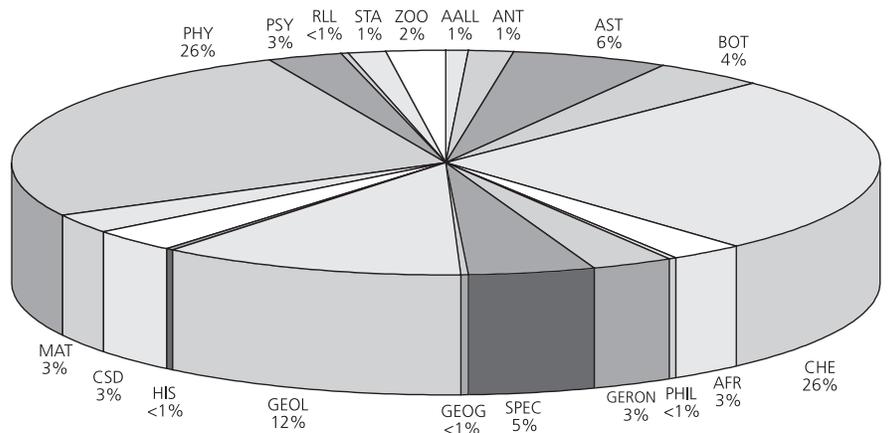
The major difficulty, Mair says, is reducing the blurring of the reconstructed images caused by the complex motion of the beating heart. "Preliminary results of research, which relies on biomechanical models of cardiac motion and fairly sophisticated numerical algorithms, have demonstrated that their techniques can significantly improve the current technology."

—Warren Kagarise and Buffy Lockette

Grants through the Division of Sponsored Research

April–May 2005
Total: \$8,031,448

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



Bookbeat

Recent publications from CLAS faculty

Women and Public Policy: A Revolution in Progress

M. Margaret Conway (Political Science), David W. Ahern, Gertrude A. Steuernagel, CQ Press, 3rd edition

An art historian acquaintance once told M. Margaret Conway that keeping up with public policy must be like trying to nail Jello to the wall. Conway, professor emeritus of political science, wrote the first edition of her book, *Women and Public Policy: A Revolution in Progress*, in 1995—with two of her former students as a response to the lack of undergraduate texts on women, policy and politics.

All chapters begin with examples of different individuals being affected by policy decisions, and some start by comparing past and present examples. “One of the reasons we cover the history is that people have to understand how women were treated in public policy, and how much has changed.” The aim, says Conway, is for readers to develop an awareness of policy problems that affect them and their families.

One of the biggest policy changes since the first edition was published was the ending in 1996 of the Aid to Families with Dependent Children program and its replacement with the Temporary Assistance to Needy Families program—pushing more single mothers with young children into the workforce. As well, the nature of some policies has shifted. “Even after a law has been enacted, regulations can be changed, the implemen-

tation process weakened or the policy de-emphasized. That has happened with some policies as the political climate has changed from 1995 to 2005.”

The pressure for major policy change affecting women grew out of the Civil Rights Movement, says Conway, and it was not until the mid-1960s that significant changes were made. Some changes took longer. It wasn’t until 1979 that universities and colleges were required by law to treat women equally. “Most people don’t realize that there was discrimination in hiring, pay and pensions until regulations were finally put into effect and enforced. Discrimination also existed in student admissions and scholarships.” Before changes were enforced, Conway says anti-nepotism rules always favored the male half of an academic couple.

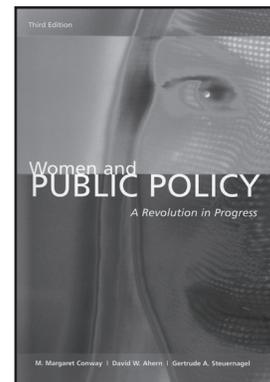
One of the major changes in American society in recent history is the proportion of women working outside the home, but policies reflecting that change have lagged. The availability of child care, its affordability, and its quality are unsolved problems in the US, says Conway. “It’s a problem for the working poor and it’s a problem for middle class families.”

There are two ways to change policy,

says Conway: the first is simply to equalize access, such as to education or jobs, the second is to fundamentally change the purpose of a policy. Society and lawmakers tend to be more comfortable with the first than with the second, hence the unsolved issues in health and childcare, the most critical issues, along with retirement funding, according to Conway. “Many people perceive providing child care as promoting role change; traditionalists see women’s role as staying home and taking care of the children, therefore governments should not be involved in providing child care as that would be role change.”

Retiring in December 2000 has not slowed Conway down. “I’m treating retirement like permanent sabbatical,” she says. Conway continues to write articles and attend conferences and is continuing her collaborative research on the political behavior of Asian Americans.

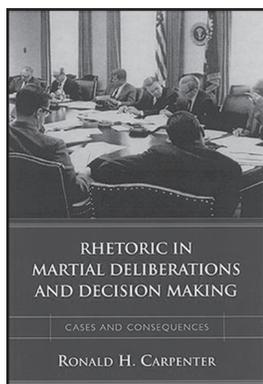
—Michal Meyer



Rhetoric in Martial Deliberations and Decision Making: Cases and Consequences, University of South Carolina Press, **Ronald H. Carpenter**, English

In this study of the discourse involved in martial deliberations, Ronald H. Carpenter examines the rhetoric employed by naval and military commanders as they recommend specific tactics and strategies to peers as well as presidents. Drawing on ideas of rhetorical thinking from Aristotle to Kenneth Burke, Carpenter identifies two concepts of particular importance to the military decision-making process: prudence and the representative anecdote. Carpenter suggests that attention to these two concepts enables an understanding of how military commanders settle on a course of action and persuade others to support them.

Carpenter suggests that the trend in contemporary society from authoritarianism toward management by persuasion, explanation, and expertise similarly permeates the military. He contends that rhetorical



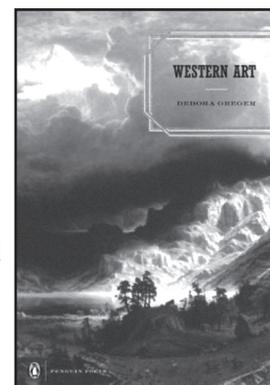
proficiency in martial deliberations can be as important for a military leader as tactical and strategic expertise.

—Publisher

Western Art, Penguin Books, **Debora Greger**, English

In her seventh book of poetry, Debora Greger walks out of art history class and into Europe, even to the edge of Asia. A night wedding in Venice, an encounter with a girl on an aqueduct in Istanbul, a walk into the emptiness of the Florida prairie, standing before a Rembrandt or a tomb in Ravenna—these portraits of travel reveal a poet never at home even when home. Debora Greger’s poems love the accident of discovery; she is a poet whose intimacies are expressed in whispers, whose secrets come in sidelong glances.

—Book jacket



UF's Highest Honor for Avery Teacher/Scholar of the Year

Physics Professor Paul Avery has been named the 2004–2005 Teacher/Scholar of the Year, the highest faculty honor bestowed by the University of Florida. The award is given annually to a professor who demonstrates excellence in both teaching and scholarly activity and whose accomplishments extend beyond the university.

"It is always hard to select one person among the many talented and deserving faculty," says Associate Provost and English Professor Debra Walker King, who chaired the selection committee. "Dr. Avery emerged as winner based upon what the committee saw as his longstanding dedication to research, teaching, and service at the university and in the community, as well as the excellence he demonstrates in each area. This university, as well

as the state of Florida, is honored to have someone of his ability and sincere dedication touching the hearts and minds of those we serve."

Avery has served the university for 20 years and is a world-recognized scholar for his fundamental contributions to high-energy physics. He has published more than 390 refereed publications and supervised 23 PhD students, postdoctoral associates, and scientists while maintaining consistent extramural funding. He is the director of two National Science Foundation projects—the Grid Physics Network and the International Virtual Data Grid Laboratory.

Avery's primary research in high energy physics is on the production and decay of new "quarks" in elementary particles and the fundamental forces that

govern both their behavior and the underlying structure of the universe. He collaborates on two major experiments, CLEO, based at Cornell University, and Compact Muon Solenoid (CMS), located in Geneva's CERN laboratory. Avery teaches a variety of undergraduate and graduate physics courses and was recently named a fellow of the American Physical Society.

"I am pleased and honored at being selected for this award," Avery says. "I have benefited throughout my career from the strong support of my colleagues and the administration at the University of Florida. I especially appreciate the collegial environment within the Depart-



ment of Physics and the ease in forming collaborative projects with members of other departments and colleges. These interpersonal relations, more than anything else, have made my working life so enjoyable here."

—Buffy Lockette



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