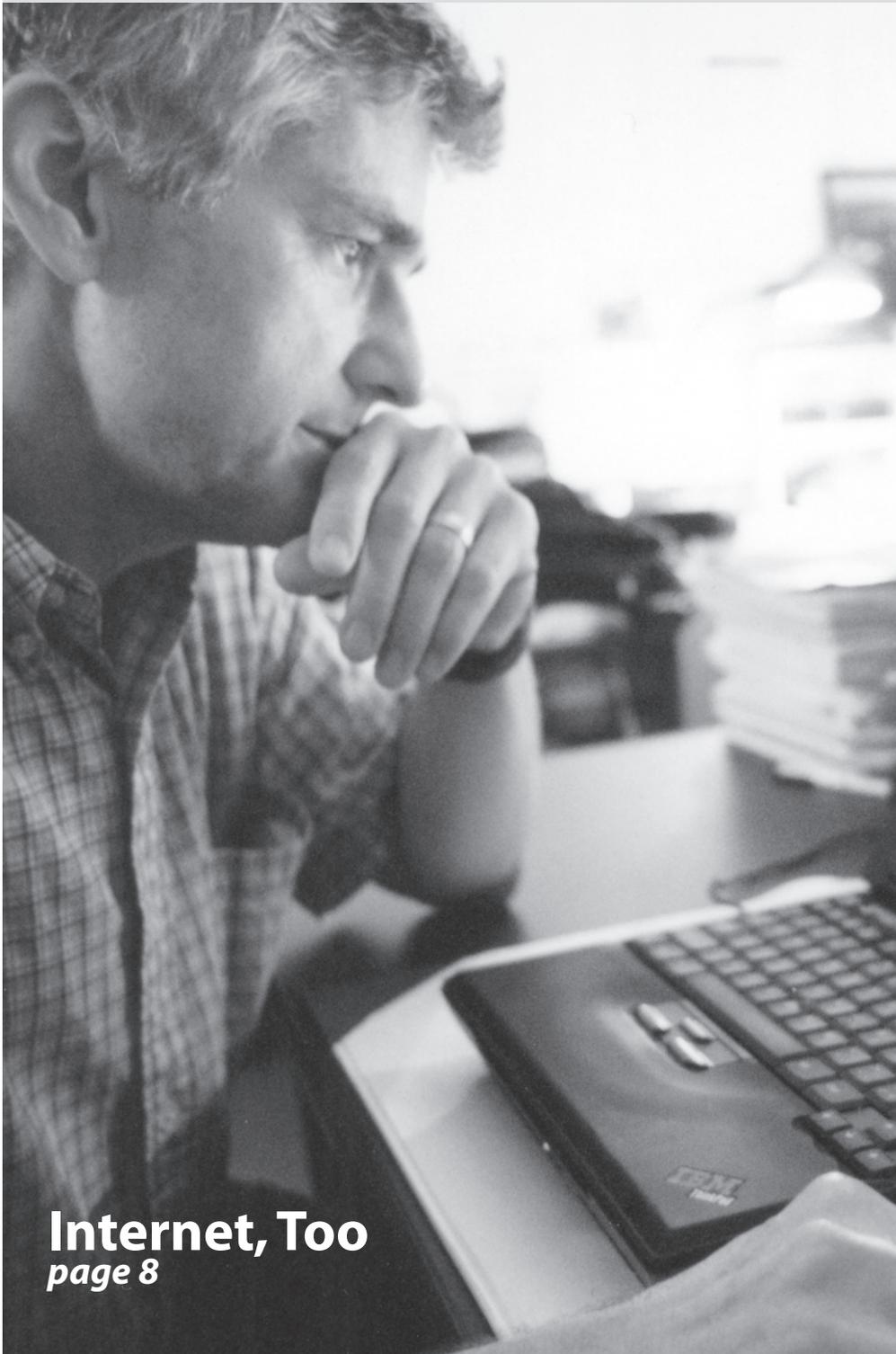


CLAS*notes*

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Internet, Too
page 8

In this Issue:

Around the College	2
The Dean's Musings.....	3
New Faculty	4
Stephen McKnight CLAS Term Professor	6
John Henretta New Sociology Chair	7
Jewish Studies Benefits from Million-Dollar Gift.....	7
Internet2 Links CLAS Researchers to the World	8
CLAS in the News	10
CLAS Forensic Anthropologists Describe Experiences in NYC.....	12
In Memory Marvin Harris.....	12
Representing CLAS & USA	13
Grants	14
Bookbeat	15
Homecoming 2001	16

Around the College

DEPARTMENT NEWS

Dial Center for Written and Oral Communication

In October, **Diana Karol Nagy** presented the paper "The Framing of the Medicare Prescription Drug Issue During Campaign 2000" at the 71st Annual Convention of the Florida Communication Association, held in Fort Lauderdale. She also presented her activity "Impromptu Cut and Paste" to a roundtable discussion for communication teachers called "Teachers' Idea Exchange."

English

Mark A. Reid presented the paper "Imagining Blackness in Recent French Cinema" at the November meeting of the Chicago Film Seminar (CFS). CFS is a monthly gathering of film, media and television scholars from Chicago-area educational institutions.

Geology

In November, **Mark Brenner** presented the paper "Paleoclima de la región Maya: síntesis del conocimiento basado en registros paleolimnológicos" at the XI Encuentro Internacional: Los Investigadores de La Cultura Maya in Cameche, Mexico. Brenner co-authored the paper with fellow UF geology professors **Michael F. Rosenmeier**, **David A. Hodell** and **Jason H. Curtis**.

Germanic and Slavic Studies

Hal H. Rennert recently gave a lecture to the Historical Institute at the University of Innsbruck in Austria titled "German Prisoners of War or War Criminals (?) in France: Wilhelm Hausenstein's Most Difficult Task after May 1st 1951."

History

Luise White was one of six finalists for the 2001 Herskovits Award. The African Studies Association presents the Herskovits Award to the author of the most important scholarly work in African studies published in English during the preceding year. White's qualifying book, *Speaking with Vampires: Rumor and History in East and Central Africa*, was published by University of California Press last year. She received the Herskovits Award in 1991 for her book *The Comforts of Home: Prostitution in Colonial Nairobi*.

Psychology

Howard E.A. Tinsley and **Diane J. Tinsley** recently delivered a series of lectures and conducted a graduate seminar for students in the Leisure and Environments Program at Wageningen University's International Center of Excellence in the Netherlands. The lectures

focused on social and psychological perspectives on leisure and work and the seminar explored cross-cultural influences on perceptions of leisure and work. Students from Bolivia, Brazil, Bulgaria, China, Colombia, Germany, Ghana, Indonesia, Korea, Mozambique, Nicaragua, Nigeria, Pakistan, Poland, Puerto Rico, Romania, Taiwan, Tatarstan, Thailand and Turkey participated. The Tinsley's presentations were sponsored by the World Leisure and Recreation Association and funded by a grant from the Dutch government.

Religion

Vasudha Narayanan was recently named president of the American Academy of Religion (AAR) for 2002-2003. She was inaugurated at the group's annual meeting in November and is the first person of a non-Judeo-Christian religion to serve as president since the academy was established in 1909. The 9,000-member organization is the major scholarly society and professional association of religion teachers and research scholars. Its members are mainly faculty and graduate students from more than 2,000 colleges, universities and divinity schools in North America. All of the world's major religious traditions, as well as indigenous and historical religions, are

explored in the work of AAR members.

Romance Languages and Literatures

Sylvie E. Blum attended the Pacific Ancient & Modern Language Association's 2001 conference at Santa Clara University in California, held November 9-11. She chaired the panel "Theme of Voyage" and presented the paper "Un regard d'Asie" during the Autobiography Session II sponsored by the Women in French organization.

In November, **Bernadette Cailler** presented a paper titled "Du Musée de Carthage au poème de Glissant: Scipion, Baal, et la flamme du brasier" at the 4th International Conference on Caribbean Literature in Martinique, France. She also chaired the session "Texte, Paratexte, Études culturelles."

Raymond Gay-Crosier convened and chaired an international panel on Albert Camus' *The Rebel*, the highly controversial philosophical essay published 50 years ago. The event was sponsored by the Société des Études Camusiennes/ Camus Studies Association and held under the auspices of the South Atlantic Modern Language Association's annual meeting in Atlanta, held from November 9-11 in Atlanta.

Statistics

The Department of Statistics will host its fourth annual winter workshop, titled "An IMS Mini-Meeting on Imaging, Classification and Clustering," on January 11 and 12. The workshop will focus on developments in classification and clustering and their applications. Distinguished speakers from around the country will present a series of talks. Visit www.stat.ufl.edu/symposium/2002/icc/ for more information.

Zoology

In October, graduate students **Daniel C. Fisher** and **Diana P. Hallman** presented the poster "Oxygen Isotope and Growth Laminae Analysis of Pleistocene Mammoths from the Southwestern United States" at the 61st annual meeting of the Society of Vertebrate Paleontology in Bozeman, Montana.

On the Cover: UF Astronomy Professor Charles Telesco looks at data gathered through the high-speed Internet2 connection his department uses for collaborating, troubleshooting and gathering data. See the full story on page 8.

Does your department have an online newsletter or journal? If so, we would like to feature it on our newly designed CLAS Publications Web page. E-mail editor@clas.ufl.edu with the link.

FLAS Fellowships Awarded

The Center for African Studies has awarded Foreign Language and Area Studies (FLAS) Fellowships to 10 graduate students for 2001-2002. These fellowships, which pay for tuition and provide an \$11,000 stipend, are funded by the US Department of Education and support graduate students combining foreign language and area studies along with their major. This year's recipients are:

Cara Anderson, History and Xhosa

Christine Apodaca, Zoology and Swahili

Elizabeth Beaver, Anthropology and Swahili

Matthew Behrend, Anthropology and Amharic

Leah Cohen, Geography and Swahili

Kevin Fridy, Political Science and Akan

Andrew Lepp, Parks & Recreation and Swahili

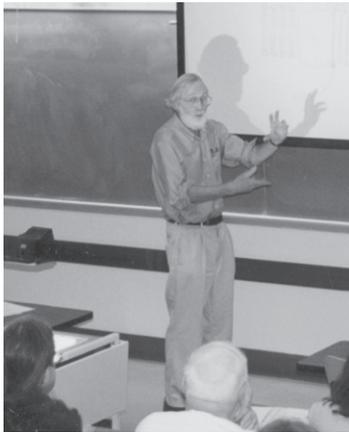
Stephen Marr, Political Science and Swahili

Christie Rawlins, Political Science and Swahili

Kharyssa Rhodes, Anthropology and Swahili

Distinguished Math Professor Gives Lecture

World-renowned mathematician and SUNY Institute of Mathematical Sciences Distinguished Professor **John Milnor** gave "Complexity in the Sciences," the fourth



mathematics department Ulam Colloquium, on November 19. Part of his talk focused on the important role that the mathematical fields of combinatorics and information theory will continue to play in the study of DNA sequencing in the human genome project. Milnor,

a member of the National Academy of Sciences and a former member of Princeton's Institute for Advanced Study, has received numerous awards including a Fields Medal, a National Medal of Science and the American Mathematical Society's Steele Prize.

Jewish Studies Reception

UF's Center for Jewish Studies presented a plaque to **David and Nan Rich** at a reception held in their honor on November 1. Their contribution to the center will be used to fund the Harry Rich Foundation for Holocaust Studies.



Developing International Technologies

Using advanced technology for sharing information and networking has been at the forefront of major CLAS research initiatives and is playing a vital role in revitalizing key areas in the humanities and social sciences.

UF's partnership in building the world's largest optical telescope is ultimately related to the world leadership of Florida astronomers, who are building the infrared detectors that these instruments will use. Our astronomy department will eventually use advanced networking to link the world's premier telescopes so that students and researchers can access and interact with these remote systems from one location.

CLAS scientists are also providing leadership for exploring ultra-fast high-volume data exchange on an international basis. A multi-university group of physicists and computer scientists working with UF Physics Professor Paul Avery is currently developing petabyte-scale virtual data exchange. Their International Virtual Data Grid Laboratory (iVDGL) is exploring new approaches to the analysis of large data collections.

These technologies, if properly developed, will also play several important roles in the humanities. We anticipate the digitization of rare historical records, bold exploration of new media of expression and, above all, the teaching of languages and literatures through advanced networking technology. This last development will be especially exciting in an era where it is critical that we offer our students expanded learning opportunities in the languages, cultures and beliefs of other societies.

It is difficult to imagine how we can strengthen our international role in education and research without embracing these activities. These efforts are not limited to pure research, instruction or learning, as we are preparing to use these tools to share courses as well as rare and costly resources with our colleagues around the world.

It is worthwhile to pause and note that in all these efforts, we are ensuring that advanced technologies benefit students and researchers and not vice-versa. We should not be driven by a need to use more sophisticated technology, but by a need to find and develop technologies that help us find new, dramatic and effective methods for teaching and carrying out research.

Neil Sullivan
sullivan@phys.ufl.edu

New Faculty



Alex Berkovich is an assistant professor of mathematics who received his PhD in physics from New York University in 1987. Since then, he has held positions at the State University of New York at Stony Brook, the Instituto de Matemáticas y Física Fundamental in Spain, the Universität Bonn in Germany and Penn State University. His research has focused on two-dimensional integrable models, quantum groups and conformal field theory in mathematical physics. While a visiting professor at UF from 1999-2000, Berkovich was part of the major breakthrough in the theory of partitions and q-series.



Brenda Chalfin is an assistant professor of anthropology who specializes in gender, development and applied anthropology within Ghana and West Africa. She earned her PhD from the University of Pennsylvania in 1998. After that, she taught at the Graduate School of International Studies at the University of Denver. Last year she began NSF-funded research on customs and state sovereignty in Ghana, and she continues to work on this project.



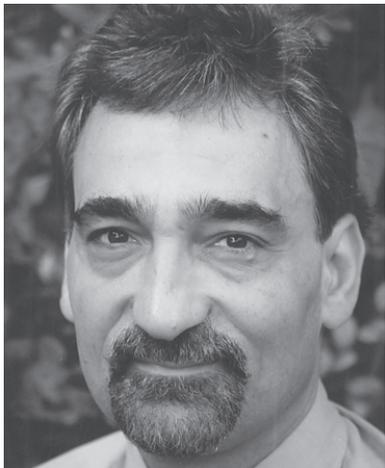
Robert Holt is an eminent scholar in zoology and the Arthur R. Marshall Jr. Chair in ecological studies. He received his PhD in biology from Harvard University in 1979. Holt held several positions on the faculty at the University of Kansas from 1979-2001, including professor, museum curator and senior scientist. His research focuses largely on theoretical issues at the population and community levels of ecological organization, and on the task of linking ecology with evolutionary biology. His current work includes studies of the implications of infectious disease for conservation and community ecology, spatial aspects of food webs and habitat fragmentation.



Aida Hozic, an assistant professor of political science, received her PhD in 1997 from the University of Virginia's Department of Government and Foreign Affairs. Her area of specialization is international relations, and she teaches courses in international security. Before coming to UF, Hozic taught at Hobart College and William Smith College in Geneva, NY and Ithaca College in Ithaca, NY. Last year she was a MacArthur Fellow at Cornell University. Her current research explores the relationship between media representation of violence and the politics of military intervention in Bosnia, Rwanda and Kosovo.



Gwynn Kessler is an assistant professor of religion. She earned her PhD from the Jewish Theological Seminary in New York City in May 2001. During the last year, Kessler was a lecturer at the University of North Carolina at Greensboro. Her dissertation is titled "The God of Small Things: The Fetus and Its Development in Palestinian Aggadic Literature," and she is currently working on a book about this topic. Kessler is also researching constructions of God's gender in Rabbinic literature.



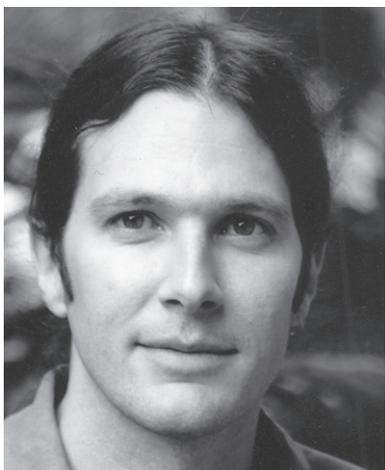
George Christou is a professor of chemistry. In 1978 he earned his PhD in organic chemistry from Exeter University in London. After a postdoctoral fellowship at Manchester University and a NATO Fellowship at Stanford and Harvard Universities, he held his first faculty position in 1982 at Imperial College in London. Before coming to UF, he served on the faculty of Indiana University for 18 years. Christou has been a leading figure in the development of single-molecule magnetism, or the ability of individual molecules to function as nanoscale magnetic particles. This has vast potential applications for ultra-high-density information storage, quantum computing and other specialized areas.



Mohssen Esseesy is an assistant professor in the African and Asian languages and literatures department. He earned his PhD from the Department of Arabic Language, Linguistics and Literature at Georgetown University in April 2000. Before coming to UF, Esseesy was a visiting assistant professor at Georgetown and a language consultant at the Center for Applied Linguistics in Washington, DC. His current research areas are the historical evolution of numeral systems with an emphasis on Arabic, linguistic theory of numerals, language testing and the development of tests for less-commonly-taught languages.



Stephen Hill, an assistant professor of physics, received his PhD from the University of Oxford in 1994. For two years he held a postdoctoral position at the National High Magnetic Field Laboratory in Tallahassee and joined the faculty at Montana State University before coming to UF this year. The majority of his research is experimental in nature and involves using spectroscopy to study strong magnetic fields. He is currently working on two NSF-funded projects. One focuses on the electrodynamic properties of highly anisotropic organic superconductors in strong magnetic fields, and the other is a Nanoscale Interdisciplinary Research project dealing with quantum effects in single molecule magnets.



Eric Kligerman is an assistant professor in the Department of Germanic and Slavic studies. He received his PhD from the University of Michigan in the spring of this year. Kligerman spent several years studying in Germany at the University of Freiburg on a Fulbright Fellowship. His research focuses on 19th- and 20th-century German literature, philosophy and visual arts, and he is especially interested in German-Jewish literature and Holocaust studies. Kligerman is currently looking at how poetic invocations of trauma in the works of Paul Celan have been translated into the space of visual media, especially the architecture of museums and memorials in Berlin.



John Krigbaum, an assistant professor of anthropology, earned his PhD in biological anthropology this year from New York University. His research focuses on human and faunal skeletal remains from archaeological and paleontological sites in Southeast Asia. He is interested in the spread of modern humans through the Old World, specifically into Eurasia and Southeast Asia, and in learning about their lifestyles. Part of his work involves analyzing the chemical composition (stable isotopes of carbon, nitrogen and oxygen) of bones and teeth to infer prehistoric diet.



Andrew Lynch is an assistant professor of Spanish in the Romance languages and literatures department. With a dissertation focused on Spanish-English language use and variation among Cuban immigrant families in Miami, he earned his PhD from the University of Minnesota in 1999. His specializations are Hispanic linguistics, sociolinguistics and applied linguistics. Prior to coming to UF, he spent two years directing the Spanish for Heritage Speakers program at University of Miami. Lynch's current research deals with Spanish-English bilingualism in the US.



Stephen McKnight CLAS Term Professor

History Professor **Stephen McKnight** has been named the Waldo Neikirk Term Professor. He will receive a one-year, \$6000 salary supplement as well as \$2,500 in research support. McKnight teaches classes on human nature and gender, the Renaissance, the Scientific Revolution and aspects of the intellectual and cultural history of Europe's early modern period. His research focuses on the interplay of science, religion and political ideology in Europe's early modern and modern periods. McKnight is currently working on books about the religious

foundations of Francis Bacon's scientific program and Eric Voegelin's effort to establish a new science of politics and history. He has received the Mahon Undergraduate Teaching Award, a CLAS Teacher of the Year Award and two UF Teaching Improvement Program (TIP) Awards. For the past two years he has been selected by the Earhart Foundation to serve as a mentor/sponsor in its PhD fellowship program, which supports the training of new teachers by senior faculty in the social sciences and humanities.

New Faculty, continued from page 5



Carlos Rojas, an assistant professor in the African and Asian languages and literatures department, received his PhD from Columbia University in 2000. He also held a postdoctoral fellowship at Columbia for one year before coming to UF. Rojas specializes in modern Chinese literature, film and cultural studies. His current research examines themes of visual perception and reproduction in 19th- and 20th-century Chinese fictional texts, with a parallel consideration of related technological developments and cultural practices.



Leah Rosenberg is an assistant professor of English. She received her PhD in comparative literature, with a concentration in women's studies, from Cornell University in January 2000. Her area of specialization is Caribbean studies. Before coming to UF, she was an assistant professor of English at Grinnell College in Iowa. Rosenberg is currently writing a book titled *Creolizing Womanhood: Building National Literatures in the Anglophone Caribbean, 1899-1938*. It is a study of the development of national literature in Jamaica, Trinidad and Dominica, focusing on the prominence of women and domesticity in the emergence of national literatures.



Marilyn Thomas-Houston, an assistant professor of anthropology, earned her PhD in cultural anthropology from New York University in 1997. She has also an appointment in the African American Studies Program. Before coming to UF, Thomas-Houston was an assistant professor of anthropology and African American studies at the University of South Carolina. Her current research is on social action in the black communities of Nova Scotia, Canada, and she will direct a summer study abroad program in Nova Scotia focusing on the African Diaspora.

John Henretta New Sociology Chair

The first sociology course at the University of Florida was offered in 1905, but it took two decades until an independent Department of Sociology was created in 1926. The department's first chair, Lucius Bristol, served for twenty years. Chairs were clearly made of sterner stuff in those days! Our graduate program, which now enrolls more than 60 students, is nearly as old as the department itself. The department granted its first MA in 1931 and its first PhD in 1954.

As we celebrate our 75th year as a department, we face a set of challenges and opportunities quite different from those early years. In recognition, the department began a strategic-planning exercise last year to identify its current strengths and set direction for the future. Our undergraduate program has grown to about 600 majors and 225 minors, making us the sixth largest undergraduate concentration in the college. We have met this challenge of rapid growth by developing an effective advising system to ensure that our undergraduates have information easily available and are able to

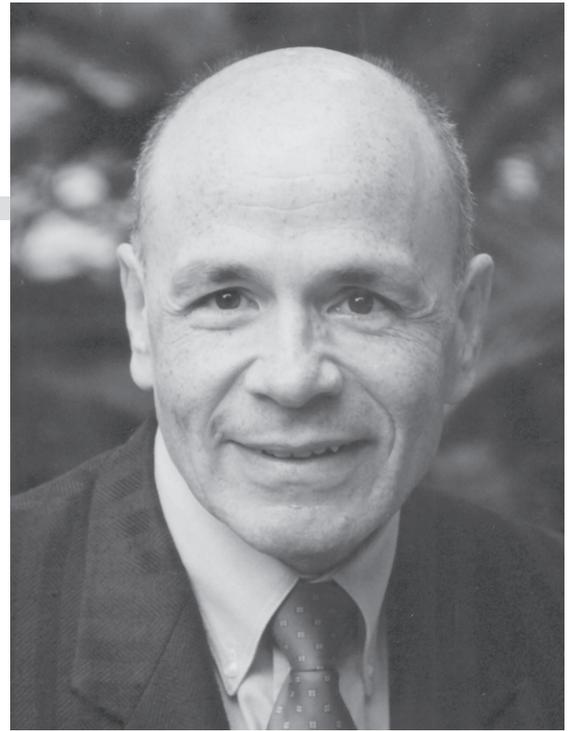
register for our required courses at an appropriate time in their program.

Equally important, we have an answer to the perennial question: "What can I do with a sociology major?" We present answers each semester during a Sociology Career Workshop. Advising on career linkages is particularly important in sociology because students often choose us out of intellectual interest in the field, not from a clearly defined career goal.

The department's faculty is organized into four specialty areas: aging and health; criminology and deviance; families and gender; and race and ethnicity. Sociology is unique in the college because of its extensive links with centers and programs on campus. A large number of our faculty have affiliations with the Center for Women's Studies and Gender Research, the Center for Studies in Criminology and Law, the Center for Gerontological Studies, the Institute on Aging and the Center for Latin American Studies. These linkages are a major source of strength for our department

because they articulate well with the department's specialization areas. They also provide research opportunities for our faculty and graduate students and help strengthen our graduate training opportunities.

One of our main goals for the next five years is to diversify and expand external funding in the department. Our faculty have held about two dozen externally funded research grants during the past five years. However, there is broad agreement among our faculty that we need to expand our funding in order to provide greater research opportunities for students and diversify graduate student funding opportunities.



This task will be a particular challenge in an era that will likely see some reductions in federal research funding.

Our department's planning process has given us a good sense of our strengths as well as the tasks that lie ahead. In meeting these challenges, we are most fortunate to have a large contingent of capable, productive and energetic junior faculty who have joined us in recent years. We've made a good start on the next 75 years!



Jewish Studies Benefits from Million-Dollar Gift

Rite Aid drugstore chain founder Alex Grass (*left*) recently gave UF's Center for Jewish Studies \$1 million to establish an eminent chair position. Grass, who graduated from UF's law school in 1949, says he hopes the donation will allow the center to expand its efforts. "It will make the program stronger by enabling it to have professors that are known in the field," Grass says. "Hopefully it will induce those both Jewish and non-Jewish to become more interested in the program."

Center Director Kenneth D. Wald says the gift will attract well-known scholars and researchers to UF. "The endowment will allow the center to enhance its three-pronged mission of attracting more students and scholars to its programs, increasing the university's ability to serve the educational demands of Florida's growing Jewish population—already the third largest in the nation—and to conduct research on wide-ranging topics such as the Holocaust and the Middle East peace process."

In 1973 CLAS established the Center for Jewish Studies to provide an undergraduate, interdepartmental curriculum covering Jewish culture, religion and civilization. Grass' donation will help the center initiate a graduate program, enhancing the center's research capabilities and heightening its visibility.

—Patrick Hughes

Internet, Too

Internet2 Links CLAS Researchers to the World

It has happened to all of us: you are happily surfing the Internet when you click on an unfamiliar Web page, causing “pop-up windows” to appear all over your screen like flies at a picnic. Now instead of catching up on insider movie news or checking weather forecasts, you are frantically clicking all over your screen, trying to “swat” down advertisements for dubious products while the information you want to read is obscured and your connection speed slows to a crawl.

This is just one example of Internet congestion. Now imagine how researchers must feel when trying to use the Internet for heavy-duty academic work. The bottom line is the Net is just too clogged up with “spam,” pop-up ads and all kinds of other electronic gunk to be much good for serious networking.

That is where Internet2 comes in. David Pokorney, Assistant Director of Network Services for the Office of Information Technologies at UF, says 34 major universities launched the Internet2 project in October 1996 and that UF came on board as a charter member in February 1997. “At this meeting researchers noted how the Internet had grown in size and had become congested to a point that it could no longer sustain the kind of research collaboration the academic community required. It was decided that a new network was needed to facilitate the high-end applications that were under development but impossible to conduct over the commercial Internet. Internet2 will enable collaboration among researchers and interactive access to information and resources in ways never before possible.”

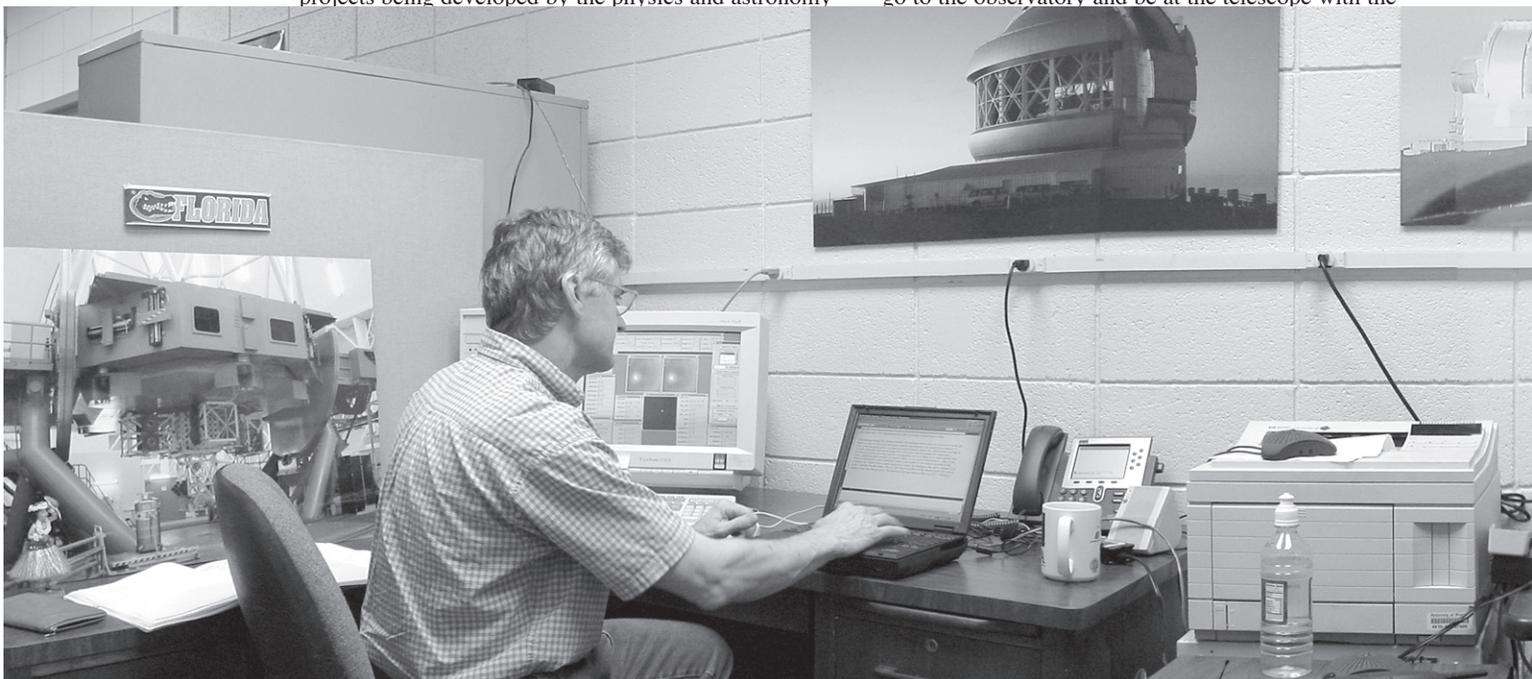
In CLAS, these high-end applications include projects being developed by the physics and astronomy

departments. “We are the lead institution on two large grid projects that involve a number of institutions taking part in some very high-end experiments in physics and astronomy. These experiments involve massive transfers of large amounts of data,” UF Physics Professor Paul Avery says. “The idea of having a grid is having one computing resource that, even though it consists of a whole bunch of computers all over the nation or all over the world, you can think of it as a single computer resource that can be used from any one place. We need Internet2 as an enabling infrastructure.”

Avery says the ability to transfer large amounts of data also makes Internet2 ideal for remote operation of equipment and facilities. “You need an enabling infrastructure like Internet2 just to carry the basic data around that is needed to operate instruments remotely. And that is not to mention all the standard things like video conferencing.”

UF Astronomy Professor Charles Telesco says Internet2 can be used for the remote operation of large telescopes like Gemini North in Hawaii and Gemini South in Chile. For now, security issues make remote operation prohibitive. This does not stop Internet2, however, from being useful. Even though video and data links using Internet2 to connect the astronomy department with telescopes around the world have been in place less than one year, they have quickly become invaluable. “When I first broached the subject of a remote observation center people thought, ‘Yeah, that might be useful,’” Telesco says. “But there was simply nobody who wanted to put time into it. Now we can’t imagine how we ever lived without it.”

Telesco says there are two different ways of using and reserving time on telescopes. “In classical mode, you are awarded specific nights. Normally you would go to the observatory and be at the telescope with the



on-staff operator. Data would come in and you would see at least some superficial aspects quickly and be able to judge whether things were going well. There is also a new mode that is being used more and more called the queue mode. You define the conditions that you want, and if those conditions pop up the operator finds the highest-priority program that requires them and does those observations. So in the queue mode, you could be fast asleep in your warm bed in Gainesville and they're making your observations in Chile."

It turns out that having the Internet2 link to the observatory helps with both modes. "If I'm awarded three nights in the classical mode, I can send a student and eavesdrop in. Through the video link I can interact with the student and observatory staff as though I were there, so as the student is working on a lot of the tasks I can monitor and give advice. The student is gaining experience and doing work associated with his or her thesis—it immerses them more in the whole process," Telesco says. "If a telescope uses the queue mode and I get a call that my conditions are coming up I can run over to our remote observation center, hook right in and start working with the assigned observatory astronomer."

Either way there is a limited window of opportunity, so the decision-making process is important. "It's always better if you can participate in the acquisition of data. The reason is the observer who requested the telescope time can best alter the observing run if things don't turn out as expected," Telesco says. "Sometimes other things are discovered in the process, and you have to make those decisions on how to proceed based on what is happening at the time."

Telesco says that the Internet2 links also help provide ongoing support for the telescope cameras and other instruments UF's astronomy department builds. "Our engineering staff—electronics engineers, software

engineers, mechanical engineers—is often working on several multi-million dollar machines at a time. We've had our engineers come onto the video link and troubleshoot problems. For example, an electronics engineer can look at an oscilloscope trace that can't be described over the phone and help solve a problem. This is important because sending an engineer to South America is a week-long shot. During that time he is not doing anything but that task. A lot of money for our programs comes out of the instrumentation we do, and we need to run that with sound, efficient business practices."

Being in two places at the same time isn't just useful for observation or troubleshooting. "It so happens that I'm teaching a graduate course next semester, and at the same time I have to be in South America for a variety of instrumentation development issues. So what I'm going to try and do is teach this course from the observatory," Telesco says. "This is a graduate course in observation techniques in astronomy, so teaching from the observatory will allow me to show them around the building and the telescope."

For his purposes, Avery says Internet2 is useful when transferring large amounts of data in high-energy physics. "High-energy physics is a science where you collide particles together at very high energies. For example, you may collide two protons together and in the middle of the collision you produce new kinds of particles and new kinds of matter. And the only way to do that is in large laboratories using very,

See *Internet2*, page 10



Paul Avery



Left: The astronomy department's Internet2 connection enables real-time collaboration between Telesco in Gainesville and his graduate students in Hawaii.

CLAS in the News

Internet2, continued from page 9

very high energy.”

Although Avery describes high-energy physics as “pure research,” he says people not directly involved in the study of physics still reap a benefit from it. “We have extremely demanding requirements for our experiments, so the things we do drive a lot of electronics and computing advances. We develop tremendously advanced tools that eventually find their way into the marketplace, so you can call that a trickle-down effect. This whole area of collaborative research is an area businesses take a lot of interest in. In high-energy physics we do global collaboration—not just international but worldwide. The mechanisms that we use push those technologies, like video conferencing and other collaborative tools.”

While Telesco finds his video link essential now, eventually he hopes to work in one of the advanced collaborative tools Internet2 developers call virtual laboratories. “I’d really like to see a room people could walk into here at UF and in every direction they look, what they see is essentially what they would see if they walked under the dome of a telescope or into its control room. They could walk right up and interact with life-size images of scientists and engineers as though they were really in that environment.”

Telesco says a virtual laboratory can help show the public why science is important. “Throughout the years I’ve had a lot of opportunity to literally and figuratively introduce people to a whole new, exciting universe. Astronomy is one of those fields where something as simple as photographs can awe people. You show people things and all of a sudden they have such a different perspective on their own universe. If you put people in the environment where those photos are taken and the data is collected, they realize what the excitement of science is all about. I think Internet2 may revolutionize the way at least astronomers and maybe scientists everywhere interact with students and the community at large. That’s the direction we’re moving in.”

—Patrick Hughes

CLAS Staff Receive Davis Productivity Awards

Several individuals and groups within CLAS have received 2001 Davis Productivity Awards. The awards recognize state employees who have shown exemplary performance or whose creativity has led to new cost-saving procedures.

The Preview Prep Task Force, which includes Academic Advising Center (AAC) staff, received a plaque for the creation of Preview Prep. AAC advisors Lynn O’Sickey and Kathy Rex and AAC staff members Tim Young and Mark Sciallo worked with Jeanna Mastrodicasa, the associate director of the Honors Program, and Kellie Roberts, from the Dial Center for Written and Oral Communication, to devise the program.

Preview Prep helps students navigate the basics of UF advising, including immunization holds, GatorLink e-mail accounts, calculus placement and the basic vocabulary of curriculum requirements. AAC Director Albert Matheny nominated the team and says the program benefits everyone at UF who works with new students. “Preview Prep reaches students before they get here and gives them interactive feedback.

Informed students who don’t have to scramble to get their immunization records, who have their UF e-mail accounts set up and who know what math to take are happier students. Staff members are also happier dealing with better-prepared students.”

Dori Faust, a program assistant in the physics department, received a certificate of commendation for coordinating a search for two new faculty members. This search was considered unusually demanding because it involved two positions instead of the usual one, and it was in addition to the normal requirements of her job.

Chemistry staff members Joseph Carusone and Matthew Glover received an honorable mention award. After the loss of two full-time employees, the pair kept the chemistry department’s computing and networking systems functioning for a year. In addition to their normal day-to-day management work, they provided network hardware and administrative and computing technical support to more than 400 users in three buildings and one remote site.



The Preview Prep Task Force includes (left to right) Kellie Roberts, Jeanna Mastrodicasa, Mark Sciallo (top), Lynn O’Sickey (bottom), Tim Young and Kathy Rex.

Levey Named UF Teacher/Scholar of the Year

Zoology Professor Doug Levey has been named the 2000-2001 Teacher/Scholar of the Year. This award is the highest honor bestowed upon a UF faculty member. Levey is among the 17 CLAS professors who have received the award since it was established in 1959.

Levey earned his PhD from the University of Wisconsin in 1986. His research focuses on the behavioral ecology of fruit-eating birds. He joined UF's zoology department in 1988 and has taught numerous undergraduate and graduate courses including Ecology, Evolution and Behavior, Avian Biology, Darwinian Medicine and the Graduate Orientation Seminar. Levey says receiving the award is a special honor since he enjoys teaching and research. "I appreciate the opportunity to teach a diverse group of students, from freshmen to graduate students. I feel fortunate that the university encourages many different paths of learning, from classroom lectures to field research."

UF President Charles Young will formally recognize Levey at the December commencement ceremony. The Teacher/Scholar of the Year award is based upon recommendations from faculty members and academic deans, with final approval from the president, the provost and the Faculty Academic Advisory Council.



Math Professor Receives NSA Grant

In early November Mathematics Professor Chat Ho received a two-year grant from the National Security Agency's (NSA) Mathematical Sciences Program for his research project "Translation Planes of Odd Order and Simple Groups."

Mathematics Chair Krishnaswami Alladi says the award is a significant accomplishment because it is becoming increasingly difficult for full professors to obtain federal research funding in pure mathematics. "Ho is a very dedicated member of our department and has literally built the algebra group for us. This award from the NSA concerning his own research proposal is a real achievement." The Mathematical Sciences Program awards research grants in mathematics and cryptology, funding high-quality individual research in algebra, number theory, discrete mathematics, probability and statistics.

Ho's work is in the abstract area of group theory, a field with diverse applications in physics, chemistry, coding theory and cryptography. Group theory has its origins in the study of symmetries in geometry and in the solutions of polynomial equations. Ho's NSA research proposal is aimed at a long-standing question in the theory of translation planes, namely, to determine which simple groups can arise as groups of symmetries of planes. Such groups are called collineation groups, and Ho is considered an expert in this field. He is one of the main speakers at the International Congress of Chinese Mathematicians, held December 17-22 in Taiwan.



CLAS Botanist Leads NSF-Funded Project

Botany Professor Alice Harmon and colleagues from four other institutions have received \$2.8 million from the National Science Foundation to conduct research for its 2010 Project. The four-year grant will fund a study on genes in the *Arabidopsis thaliana* plant that encode protein kinases, or enzymes that regulate and coordinate chemical reactions in cells that are necessary for life. Harmon will be working with colleagues from the Scripps Research Institute in California, the University of Nevada, Reno, the University of New Hampshire and the University of Wisconsin, Madison.

The overall goal of the 2010 Project is to determine the function of all 26,000 genes that make up the genome of *Arabidopsis*. The project will have broad implications for biology because *Arabidopsis* is widely used as a model organism in plant biology. By studying this plant, scientists can better understand how all sorts of living organisms behave genetically. This will have potentially widespread applications for agriculture, medicine and energy.

Harmon leads a team studying a large gene family that encodes calcium-dependent and related protein kinases. They will determine where the protein kinases are found within cells and identify proteins that interact with the enzymes. This knowledge will help the researchers determine the exact jobs each protein kinase performs.

In early October the NSF gave 28 awards totaling almost \$44 million to Project 2010 researchers from 43 institutions in 20 states. An article about the project appeared in the October 29th issue of *The Scientist*.



Murphy Honored by French Government

CLAS Associate Dean and Professor of French Carol Murphy has received the French government's highest honor for academic achievement. Murphy has been named Chevalier dans l'ordre des Palmes Academique for advancing the cause of French culture, education and the arts. The Cultural Attaché of the Consulat Général de France in Miami will formally present the diploma. The Palmes Academiques was established in 1808 by Napoleon and is seldom awarded to foreign scholars.

Murphy received the honor for promoting French language and culture in the US. Her work focuses on 20th-century French prose and critical theory, and her latest project is a study of the intellectual exchange between French author Jean Paulhan and French artist Jean Fautrier on questions concerning rhetoric in painting and written texts.

Murphy is the third CLAS faculty member to receive the Palmes. French Professors Albert Smith and Raymond Gay-Crosier each garnered the honor in 1990 and 1993, respectively.



—Allyson A. Beutke

CLAS Forensic Anthropologists Describe Experiences in NYC

Three days after the World Trade Center catastrophe, three forensic anthropologists from UF were at Ground Zero. They spent several weeks helping recover and identify victims of the terrorist attacks. After returning to Gainesville at the end of September the trio talked with *CLASnotes* about their experiences.

Anthony Falsetti, director of UF's C.A. Pound Human Identification Laboratory, says it felt like a war zone. "My first impression was like many others. I simply couldn't believe it. When we arrived the fire was still burning fiercely and smoke was billowing out of lower Manhattan."

Falsetti, UF Anthropology Professor Michael Warren and anthropology graduate student Heather Walsh-Haney were three of the many volunteers who were mobilized as part of the federal Disaster Mortuary Operational Response Team (DMORT), which assists areas experiencing mass fatality incidents.

Although not

assigned to Ground Zero, Warren visited there twice. He saw debris piles towering many stories taller than Gainesville's Seagle Building. "I was prepared to see extensive wreckage and debris. I was not, however, prepared for the scale of the site. Portions of the towers remained standing and were 20 to 30 stories tall."

Warren says his role was different from his activities in previous mass fatality incidents. "A decision was made to rely almost completely on DNA to determine the identity of the dead. As such, the contribution made by anthropologists was limited. My primary role was to examine all of the organic mate-

rial brought to me by the investigators searching through the wreckage and determine whether or not the tissue was human or non-human. Non-human remains would simply prolong the identification process and unnecessarily add to the tremendous expense of DNA testing."

Falsetti was assigned to Ground Zero. "I was part of a seven-member team that included a forensic pathologist, three body trackers, two evidence technicians and myself as a forensic anthropologist," he says. "My mission was to examine all remains and make a tentative identification as to whether they represented a member of the NYPD, FDNY or Port Authority."



Heather Walsh-Haney and Michael Warren at the Staten Island landfill where they were stationed.

The entire DMORT team was housed at a hotel near the LaGuardia airport. Like everyone else, the UF anthropologists worked hard under difficult circumstances. "The facilities at the landfill consisted of a tent city, but adapting to different environments is a cornerstone of anthropological study," Walsh-Haney says. "The greatest challenge was working day after day on little sleep and making sure that the fatigue did not add to the emotional challenge I was already under. The scale of the

disaster was emotionally taxing, but those emotions have to be put in check while working. Otherwise I would have been unable to use my skills to help."

Despite the enormous challenges, Warren says the UF team managed to find something positive to take away from the experience. "You needn't be a New Yorker or have been at Ground Zero to have seen some examples of the strength of the human spirit manifested as a result of this tragedy."

—Patrick Hughes

In Memory Marvin Harris 1927-2001

UF Anthropology Graduate Research Professor Emeritus Marvin Harris passed away on Thursday, October 25 in Gainesville at the age of 74. Harris was an influential theorist in the field of anthropology for the past 50 years. In 1953, he received his PhD from Columbia University, where he also taught and served as chairman of the anthropology department before coming to UF. Harris joined UF's anthropology department in 1981 and retired last year. His research spanned the topics of race, evolution and culture, and often focused on Latin America and Brazil.

Harris was the author of 17 books. Among these is the frequently used textbook *The Rise of Anthropological Theory*. The book, first published in 1968 and reissued this year, explains Harris' theory of cultural materialism, the view that social and cultural patterns arise out of necessary practices for survival. Harris maintained, for example, that the

Hindu elevation of the cow to sacred status, which might seem strange to beef-eating Westerners, could be viewed as a practical matter in a society where the animal's milk and usefulness for agricultural cultivation is essential for human survival. Killing a cow for its meat would do more harm than good, so a religious taboo developed that has an underlying benefit to Indian society.

Harris served as president of the general anthropology section of the American Anthropological Association, and he was also a distinguished lecturer of the organization. He directed the Columbia/Cornell/Harvard/ Illinois Summer Field-Studies Program in Brazil.

Allan F. Burns, chair of UF's anthropology department, says Harris commanded a great deal of professional respect. "Colleagues regularly looked to Harris for guidance, and even when they opposed him in print or in

a faculty meeting they knew that he had a serious and sincere commitment to the department and to the discipline."

Harris is survived by his wife Madeline and daughter Susan.

—Patrick Hughes

Representing CLAS & USA

Political Science Student Travels to Slovenia for NATO Conference

Timothy Tinnesz is the president of the CLAS Student Council. While noteworthy, it is hardly the last of his political aspirations.

A senior majoring in political science and minoring in Spanish and education, Tinnesz has been planning a career in politics for a long time. "I've been a fan of politics since I began reading *Time* magazine when I was in elementary school," he says. "After going to graduate school I hope to get involved in political campaigning and government service. Ultimately I want to serve as an elected public official, either at the state or national level."

Recently Tinnesz was one of four US college students selected to attend the week-long 47th Annual Atlantic Treaty Association conference in Bled, Slovenia. The Atlantic Treaty Association is the public-relations arm of the North Atlantic Treaty Organization, or NATO. "Its members consist of community leaders, retired military personnel and former diplomats from various NATO and NATO-affiliated countries. They hold annual assemblies in order to hear presentations on and debate NATO and international issues in various forums and plenary sessions," Tinnesz says.

Tinnesz got some practice for his budding political career while in Slovenia. He says the conference was a great networking opportunity and that he met heads of state and diplomats. "I was able to learn quite a bit about the important issues confronting many different European nations and see how they view the US. I really enjoyed being a representative of my country and American culture."

Although Tinnesz found the official forums and debates on globalism, international humanitarian efforts and terrorism to be educational, he most appreciated the informal interaction with other students at the conference. "They were very concerned with the terrorist attacks in New York and wanted to discuss them with me to hear how Americans were reacting. In many cases, the extent of their knowledge about Americans didn't go much farther than the 'Jerry Springer' and 'Baywatch' episodes that are on European TV."

Tinnesz adds that these conversations helped him learn quite a bit about life in European countries. "I learned the intricacies of negotiation on prices from an Italian student. I spoke with a Russian student about his country's shift to democracy and free market liberalism. More than anything, though, actually speaking with students my age from Serbia and Croatia who grew up through the terrible civil wars of the 1990s was absolutely amazing," he says. "The confer-

ence really proved to be a mind-opening experience and gave me a completely new perspective on how I view the world and our country's relationships with the world."

Tinnesz found out about the conference through UF Associate Provost and Honors Program Director Sheila Dickison. Tinnesz says, "I'm a member of the honors program and work in its office. I have also worked with Dr. Dickison on various CLAS student council initiatives, so she was familiar with my political interests and people skills."

When he is not overseas meeting foreign dignitaries, Tinnesz volunteers with the Big Brothers/Big Sisters of



Tinnesz (second from left) and the US delegation.

Gainesville program and the Civitan Regional Blood Center. A member of the University Scholars Program and the recipient of numerous academic awards and honors, he says the CLAS Student Council is what keeps him the busiest. "Our group works as an advocate and representative for all CLAS students. We fund about 30 different groups, from the Graduate Student Astronomy Society to the Florida Undergraduate Comics Club, and we provide travel assistance to conferences and host programs here at UF. We also have members on the CLAS Petitions Committee and Teacher/Advisor of the Year Committee. I served as the CLAS Student Council student representative on the Dean Search Committee last year. I stay busy, but that is what I enjoy."

—Patrick Hughes



The Slovenian countryside where Tinnesz stayed.

Grants *through the Division of Sponsored Research*

November 2001 **Total: \$4,651,787**

<i>Investigator</i>	<i>Dept.</i>	<i>Agency</i>	<i>Award</i>	<i>Title</i>
Corporate.....\$153,513				
Benner, S.	CHE	Agouron Inst	135,000	Post-Precambrian geobiology based on genomic sequences databases.
Katritzky, A.	CHE	Multiple Companies	6,154	Software research support.
Katritzky, A.	CHE	Multiple Companies	11,029	Miles compound contract.
Katritzky, A.	CHE	Multiple Companies	1,330	Miles compound contract.
Federal\$4,153,147				
Burns, A.	ANT	Natl Park Service	2,387	Kingsley plantation ethnographic and ethnohistorical program.
Jackson, A.				
Katritzky, A.	CHE	US Army	32,759	Synthesis of aminonitro heterocyclic compounds.
Martin, C.	CHE	NSF	100,809	SBIR/STTR Phase 2.
Martin, C.	CHE	US Navy	95,043	3-D architectures from electrochemical power sources.
Richardson, D.	CHE	US Army	18,743	Formulations for chemical biological agent decontamination solutions.
Miller, S.	CRI	US Dept of Education	340,501	National middle school survey.
Fondacaro, M.				
Moncrieff, D.	CSD	US DVA	6,100	Event-related potentials as objective measures of cognitive processing.
Mingo, G.	DSS	US Dept of Education	3,803	University of Florida Upward Bound.
Binford, M.	GEOG	US Dept of Energy	37,875	Integration of patch-size NEE using experimental and modeling footprint analysis.
Sensbach, J.	HIS	Natl Humanities Cntr	25,000	National Humanities Center fellowship.
Pleasants, J.	HIS	Natl Park Service	16,957	Oral history of the Florida ecosystem restoration project.
Andraka, B.	PHY	NSF	133,298	Heavy fermion materials synthesis and characterization.
Avery, P.	PHY	NSF	2,899,657	ITR/AP: International Virtual Data Grid Laboratory.
Acosta, D.				
Dorsey, A.	PHY	NSF	119,322	Dynamics of vortices and interfaces in condensed matter.
Hooper, C.	PHY	US Dept of Energy	94,039	Atomic physics of hot ultra-dense plasmas.
Haynes, D.				
Mitselmakher, G.	PHY	US Dept of Energy	31,392	US CMS endcap MUON research project—FY 2001.
Korytov, A.				
Abrams, L.	PSY	NIH	92,308	Contextual relevance in detecting misspellings in old age.
Bradley, M.	PSY	NIH	81,184	The center for the study of emotion and attention project 3.
Fischler, I.	PSY	NIH	21,970	The center for the study of emotion and attention project 4.
Miscellaneous.....\$345,127				
McElwee-White, L.	ADM	Am Chem Soc	10,000	American Chemical Society division of organic chemistry fund.
Schmidt, P.	AND	Intl Dev Coop Agcy	76,200	Democracy exchange between UNC and the University of Asmara.
Harmon, A.	BOT	Univ Of Missouri	42,928	Functional genomics of plant protein phosphorylation.
Wright, D.	CHE	Alzheimer's Assoc	54,296	The design synthesis and evaluation of small-molecule modulators.
Brenner, M.	GEOL	Water Mgmt Dist	58,800	Bulk sedimentation and nutrient accumulation rates in lakes.
Curtis, J.				
Teitelbaum, P.	PSY	Lacan	40,000	Detection of autism and Asperger's Syndrome in 4-10 month old infants.
Chapman, C.	ZOO	Leakey Fdtn	12,000	Nutritional determinants of population density in redtail monkeys.
Rode, K.				
Osenberg, C.	ZOO	Water Mgmt Dist	50,903	Factors influencing the dynamics of <i>vallisneria americana</i> .

Bookbeat

Recent publications from CLAS faculty

African-American Mayors: Race, Politics, and the American City
Edited by **David R. Colburn** (History) and **Jeffrey S. Adler** (History)
University of Illinois Press

(jacket)

On November 7, 1967, the voters of Cleveland, Ohio, and Gary, Indiana, elected the nation's first African-American mayors to govern their cities. Ten years later more than 200 black mayors held office, and by 1993, 67 major urban centers, most with majority-white populations, were headed by African Americans.

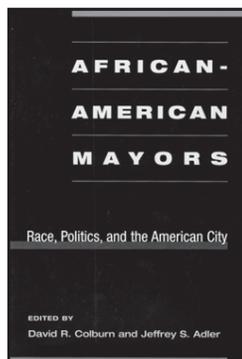
This is the first comprehensive study of African-American mayors in the nation's major urban areas. Offering a diverse portrait of leadership, conflict and almost insurmountable

obstacles, this volume assesses the political alliances that brought black mayors to office as well as their accomplishments—notably, increased minority hiring and funding for minority businesses—and the challenges that marked their

careers. Mayors profiled include Carl B. Stokes (Cleveland), Richard G. Hatcher (Gary), "Dutch" Morial (New Orleans), Harold Washington (Chicago), Tom Bradley (Los Angeles), Marion Barry (Washington, D.C.), David Dinkins (New York City), Coleman Young (Detroit), and a succession of black mayors in Atlanta (Maynard Jackson, Andrew Young, and Bill Campbell).

"This excellent new collection of original essays on black big-city mayors provides essential historical perspective on racial change in late twentieth-century urban politics. Deeply researched and well written, this volume represents a major step forward in recent urban political history."

—Raymond A. Mohl, Editor of *The Making of Urban America*

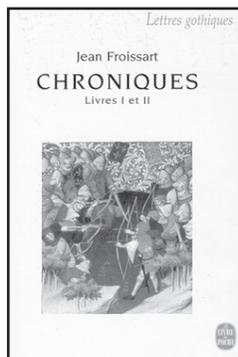


Jean Froissart Chroniques: Livres I et II
Edited by **George T. Diller** (French)
Hachette

(translated from introduction)
The immense *Chronicles* by Jean Froissart, which cover the years 1325-1400, constitute an essential source for knowledge of the 14th century and of the Hundred Years War.

They provide exciting reading, by the sheer mass of facts recounted, by their dramatic style, by the intensity of their narration, by their episodic abundance, by their rich details, by their sophisticated composition, by the unusual character of their narrator. They are divided into four Books. In this volume the major parts of Books I and II will be found.

A succinct initiation to Froissart's *Middle French*, a very copious annotation and an extensive glossary allow all readers to directly experience the original text's language. A rich introduction, indexes, genealogical tables and maps furnish a full complement of information.

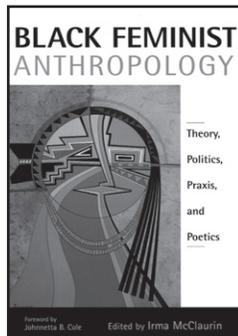


Black Feminist Anthropology: Theory, Politics, Praxis, and Poetics
Edited by **Irma McClaurin** (Anthropology)
Rutgers University Press

(foreword)

The three words that launch the title of this book have not always kept company with each other—and in the minds of many both inside and outside the academy, they should remain separate.

In this sense, Irma McClaurin and her sister anthropologists have given us a work that is not only pioneering but also bold.... Each of the essays in this impressive anthology is in some way a response to mainstream anthropology and "the way we've always done it." While the goal of objectivity is not



simply tossed to the side, the sister anthropologists are in tune with the view of the sociologist C. Wright Mills, who said that while he would strive for objectivity, he would never claim to be detached from the people and the problems he was studying.

"Irma McClaurin and her colleagues bring Black Feminist Anthropology into the center of the discipline. Each of these carefully crafted essays combines personal biography with ethnographic insights to forge a feminist analysis of the complex relationship of race, class and gender in the lives of Black women. Black Feminist Anthropology is an essential text for those who want to read cutting-edge anthropological theory."

—Louise Lamphere, Professor of Anthropology, University of New Mexico, and President, American Anthropological Association (1999-2001)

El Niño in History: Storming Through the Ages
Cesar N. Caviedes (Geography)
University Press of Florida

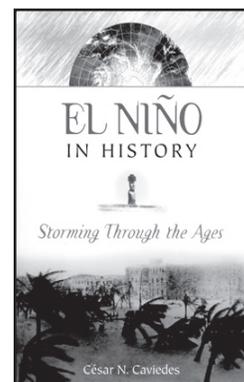
(jacket)

Cesar Caviedes provides the first comprehensive historical account of El Niño, the fascinating and disruptive weather phenomenon that has affected weather cycles all over the globe for thousands of years.

Combining scientific accuracy with readable presentation, he brings together all existing information, references and clues about past El Niño occurrences and their impact on political, military, social, economic and environmental history. This sweeping demonstration of the impact of climatic fluctuation on human history will be fascinating to the scientific community as well as to the general public.

"The most thorough and up-to-date analysis of the impact of El Niño on human events. It cogently explains El Niño, La Niña, South Oscillation and other concepts to the non-meteorologist/oceanographer."

—Ben Finney, Emeritus Professor of Anthropology, University of Hawaii



Homecoming 2001



Left: Gator fans of all ages had the chance to look at the demonstrations set up by the Society of Physics Students during the annual alumni barbeque held in the O'Connell Center. The "Physics is Phun" display table featured hands-on activities related to electricity and magnetism, mechanics and thermodynamics.

Right: Dean Neil Sullivan shows his Gator spirit with Alberta the Alligator.



Send Us Your News! E-mail editor@clas.ufl.edu with your news and events for publication in *CLASnotes*.



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Jane Dominguez: p. 1, p. 4-6, p. 7 (Henretta), p. 9-10,
p. 11 (Levey, Ho, Murphy)
Patrick Hughes: p. 3
Jane Gibson: p. 11 (Harmon)
Charles Telesco: p. 8
Courtesy Anthropology: p. 12 (Harris)
Courtesy Alex Grass: p. 7 (Grass)
Courtesy Timothy Tinnesz: p. 13
Courtesy Michael Warren: p. 12 (Staten Island)



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