

DEPARTMENT OF ANTHROPOLOGY NEWS

University of Florida, College of Liberal Arts and Sciences summer 2007

Participatory Research in the Amazon

Michael Heckenberger

What is the Amazon, and what of it is worth “saving”? These issues are being considered more and more frequently in scientific and popular discussions of global climate change, large-scale ecological degradation, and biodiversity conservation. For anthropologists, the question is not what but who is the Amazon, in terms of the specific histories and human lives that make up this vast tropical forest. And, which of these histories and voices should be heard?

Research by Associate Professor Mike Heckenberger and colleagues addresses these topics in the southern Amazon region of Brazil. Since 1992, the project has been conducted in collaboration with the Kuikuro indigenous community in the Xingu Indigenous Park, along with anthropologists from the Museu Nacional, Federal University of Rio de Janeiro, the Museu Goeldi, and the University of São Paulo in Brazil.

This interdisciplinary and intercultural research challenges traditional scientific and popular views of the area as an ethnographic laboratory for “primitive tribes,” or worse, a view that ignores human dimensions of the past altogether. It is thus helping map the major dimensions of this missing chapter in human history, and bringing to light genuinely Amazonian civilizations, which are every bit as complex—in terms of their highly structured land use and management, artistic and cultural production, including performance and sportive events, mathematics and cosmology/astronomy, and other forms of knowledge—as many pre-modern urban societies. These semi-intensive land-use practices, which support significant populations in several areas, also hold important clues to help “save the Amazon.”

Heckenberger’s research is part of a new generation of archaeol-

ogy that builds bridges with ethnography, linguistics, oral history, and the natural science, while also actively involving descendent populations, that is, working with indigenous people on their own history and lives. One area that has become a critical aspect of these new partnerships is participatory mapping, which, in fact, was the primary reason Xinguano leaders initially supported the project in the early 1990s. Over the past decade and a half, Kuikuro involvement has been enthusiastic: several specialists have been trained and over 30 community members have learned about archaeological mapping and excavation, and what it tells us about the Xingu past. A booklet in Portuguese is nearing completion that provides the results of archaeology for the indigenous education program.

The first generation of mapping involved traditional survey along many miles of transects, revealing evidence of 15th-century Xinguano settlements unexpected in the forest margins in southern Amazonia. After 2000, the project entered a new phase, supported from 2002–2006 by the National Science Foundation (NSF). Global Positioning Systems (GPS) technology



Excavation underway at ancient Kuikuro village site.



Satellite image of human-modified landscape in the Xingu Indigenous Park.



Chairman's Note Education through Research

Kenneth E. Sassaman


With some 50,000 students, the University of Florida is foremost an institution of higher education. But it is also a research institution, where new knowledge is garnered from the field and laboratory studies of faculty and students alike. Each of the 34 faculty members in Anthropology is both an educator and a researcher. Many among them are quite skilled at integrating the two jobs, providing hands-on learning opportunities for students in the field and lab, as well as delivering course content shaped by the latest findings. Textbooks are typically 3–5 years behind the curve, so higher education by active researchers ensures students receive the timeliest information available. They also participate in the thrill of discovery and debates over new knowledge, which is especially exciting when challenging existing thought. Whether or not a student hopes to pursue a career in research, education through active research provides the critical thinking and assessment skills useful in all walks of life.

Featured in this issue of our annual *News* are a few of the many faculty research projects involving students. Working deep in the forests of Brazil, Michael Heckenberger and his graduate students have been documenting one of the most complex human-made landscapes of ancient Amazonia. A world away, Peter Collings collects data on economic changes among Inuit people of arctic Canada that his graduate students will help analyze and interpret. Closer to home, James Davidson trains a group of 15 undergraduates in the finer points of archaeological field research and its relevance to the slave history of a northeast Florida plantation. And in the state-of-the-art labs of the new Cancer and Genetics Research Complex at UF, Connie Mulligan orchestrates the multifaceted genetics research of several graduate students and some enterprising undergraduates.


These featured stories provide a limited cross-section of the broader array of Anthropology research at UF. Other faculty projects

include studies of health and disease in the U.S., Mexico, and the Caribbean; archaeological excavations in Ethiopia, Peru, and Tobago; laboratory research in forensics, biomechanics, and bone chemistry; primate behavioral studies in Suriname; economic and political inquiry in eastern Europe and Africa; demographic research among Native North Americans and rural Chinese; cultural studies of the African Diaspora; analysis of disaster and human resettlement across the globe; and ecological work throughout Latin America.


The geographical and topical breadth of UF Anthropology research expands outward with the independent contributions of our students. Most fledging researchers get their start working on projects of their faculty mentors, but eventually they break out on their own. Our graduate students work on nearly every continent on projects ranging across all aspects of the discipline. Nearly all intend to complete a Ph.D. in Anthropology and pursue professional employment in the field. Carving out a unique research identity is one of the most defining aspects of a graduate-student career. Top undergraduate students get in on the act as well, some taking advantage of UF's University Scholars program that provides research funds and opportunities to publish results. No matter the intended goals of our students, participation in research is important to the development of critical thinking and organizational skills, as well as improved communication, including the ability to write proposals for research funds or permits. These are skill sets that translate well outside the realm of Anthropology.

The practical value of our discipline promises to grow alongside globalization and international development as our intellectual core—holism, relativism, and comparative perspectives—increasingly informs public policy and decision making. The promise of a better global existence hinges on the development of better global citizens. Anthropological research in the service of education is among the most effective means of reaching this goal. 

Remembering C. A. Pound

Mr. C. Addison Pound passed away in March of this year. Mr. Pound was a close friend of Dr. William Maples and, of course, the benefactor and namesake of our forensic anthropology lab. His contributions, along with those of Dr. Bill Goza, made possible the graduate education and careers of many of the practicing forensic anthropologists that studied under Dr. Maples. Students past and present owe a debt of gratitude for his generous contributions and continuing legacy, which has culminated in the new C. A. Pound Human Identification Laboratory. At the time of his passing, the family asked that friends donate in his name to one of several projects he supported, including the human identification laboratory. He was truly a friend of anthropology at UF. For information about making a donation to one of these projects, please contact the Department of Anthropology (352-392-2253 x209). 

Alumni Recognition

A 1975 Ph.D. from our department has been named an Outstanding Alumni Award recipient by the College of Liberal Arts and Sciences. Nora C. England is Director of the Center for Indigenous Languages of Latin America, and Professor of Linguistics and Anthropology at the University of Texas in Austin. She is a world expert in Mayan languages and former MacArthur fellow. In recognition of the Alumni Award, Nora was invited to UF in April by our colleagues in the Linguistics Program to visit old friends and to deliver a lecture on the narrative structure in Mam, a Mayan language. 

The New Genetics Lab: Molecular Anthropology at UF

Connie Mulligan

In July 2007, the Molecular Anthropology Laboratory, under the director of Associate Professor Connie Mulligan, moved into the new Cancer and Genetics Research Complex, which anchors the new southern entrance to the campus. This is the largest research building in the state of Florida, with state-of-the-art facilities for laboratory research in genetics, cancer, and forensic anthropology. Mulligan's outfit occupies a beautiful 1600-square-foot lab on the fourth floor, overlooking Lake Alice. The complex also houses other units of the College of Liberal Arts and Sciences, along with units of the Colleges of Medicine and Agricultural and Life Sciences. Our C. A. Pound Human Identification Laboratory relocated there too, so the new complex provides much needed space for Anthropology in a highly interdisciplinary environment.

The grand opening of Cancer and Genetics Research Complex was held on Wednesday, November 15, 2006 and included presentations and a tour of the labs. This move has significantly expanded laboratory space for molecular anthropology researchers. Mulligan's outfit now includes two postdoctoral fellows, four graduate students, one rotation student, four undergraduate students, and one intern.

Ongoing projects include a NSF-funded study to reconstruct the initial migration of anatomically modern humans out of Africa (postdoctoral associate Ryan Raaum and Mulligan traveled to Yemen in April to collect some of the first samples from this region), ancient DNA investigations into an African domestication of the donkey, and a detailed reconstruction of peopling of the New World.

New projects include a collaboration with UF medical anthropologist, Lance Gravlee, to investigate biological and cultural underpinnings of race and health, and a collaboration with medical school faculty to investigate the genetic basis of HIV transmission through breastfeeding.

Mulligan's lab has been especially successful this past year with eight papers in print or in press, including a small piece in *Science* that was ranked 36th in the top 100 mitochondrial papers for 2006, a NSF SPICE fellowship to graduate student Amy Non, AAPA award for best evolution essay to graduate student Becca Gray, and Howard Hughes Medical Institute undergraduate research awards to Amy An and Alex Wang. 🐿



The genetics research team headed by Connie Mulligan (fifth from right) assembles in their new lab.

Undergraduate Program Ranks Among World's Largest

In the pages of our *News* last summer we featured the great success of our graduate program, but did you know that the Department's undergraduate program now ranks among the world's largest? In the past three years the number of majors has nearly doubled to well over 700 students. This growth was abundantly evident at the Spring 2007 graduation ceremony, which included many more than the usual number of Anthropology graduates. We are proud of those who continue with graduate studies in the field, but we are equally proud of our students who transfer anthropological perspectives to careers in business, law, public health, government, and the service sector. Indeed, Anthropology is increasingly regarded as one of the most relevant liberal arts degrees for the global-scale, multicultural existence of our modern world. An added advantage to our growing ranks is the expanded opportunities for graduate students to teach. Several of our introductory classes are now routinely taught by graduate students, most of whom aspire to become full-time educators and thus benefit from on-the-job training. 🐿



Jubilant Anthropology majors gather for the Spring 2007 commencement ceremony.

Return to Kingsley Plantation Results of the 2006 UF Archaeological Field School

James Davidson

The birth of the field of African-American archaeology began in the Department of Anthropology in 1968, with excavations directed by Professor Charles Fairbanks at two slave cabins at Kingsley Plantation, Fort George Island, Florida. Although Fairbanks' work at Kingsley introduced this new specialty to archaeology, little subsequent work took place there, and many questions about the plantation remain unanswered.

As part of a long-term, multi-year reassessment of this early work by Fairbanks and his students, the Department of Anthropology held an archaeological field school at Kingsley Plantation in the summer of 2006, directed by Assistant Professor James Davidson and

assisted by doctoral students Erika Roberts and Clete Rooney. The goal of the 2006 field school was to examine the complex social relations that occurred in the first decades of the 19th century within this unique context, where numerous African-born slaves worked under a white planter who respected their heritage and culture to the extent that he apparently gave them the autonomy to express it in their own manner.

In 2006, 11 students and several volunteers excavated test units in the slave cabin area, each dug between 10 and 40 cm below ground surface. A total of 47 1x1-meter test units was excavated in the locations of Cabins W-12 and W-13, and an additional 1x1-meter unit was placed

in the area of a third structure, Cabin W-15. The results of this investigation have been revealing.

First, archaeological and archival evidence establish that Cabins W-12 and W-13 were occupied very early in Kingsley's tenure on the island, arguably circa 1814, when Kingsley and his slaves first arrived. This contradicts previous interpretations, which argued that the cabins were not built until the early 1820s.

Second, artifacts and archival evidence establish that the cabins were no longer occupied by circa 1840. This corresponds to Zephaniah Kingsley's sale of the plantation to his nephew Kingsley Beatty Gibbs in 1839, and the reduction of the number of slaves on the island by half.

A third revelation came from the discovery of a porch on Cabin W-13. Importantly, the porch is on the back of the structure and not facing the main house, meaning that the planter could not directly observe activities on the porch from the observation deck of the main house.

A fourth result was overwhelming evidence of the presence of firearms within each of the cabins. Among the evidence were French gunflints (for both pistols and muskets), lead sprue, pig lead, and several pieces of cast lead shot. The investigation of Cabin W-1 in 1968 by Fairbanks also revealed sprue, a cast lead ball, and a gunflint.

A fifth find of major importance is the apparent sacrifice and intentional burial of a chicken and associated objects under the floor of Cabin W-15. Designated

as Feature 4, it is arguably the most unique find of the field school. It consists of an intact hen skeleton and an associated egg, buried with an amber-colored glass bead, and a large iron concretion. The chicken and artifacts were buried within a simple pit dug into the sand beneath the cabin, just inside the front door of the structure.

Feature 4 is a very deliberate inclusion, and strongly suggests an African origin. The majority of enslaved Africans that Zephaniah Kingsley had with him at Fort George Island were African born, or were the children of Africans from regions including: Eabo (Ibo), Calaban, Rio Pongo, Soofsoo, and Zinguibar or Zinguibari (Zanzibar). Nearly two thirds of Kingsley's slaves in 1812 were Eabo and Calaban from the Niger River Basin on the modern Nigerian coast.

Animal sacrifice is still commonly practiced in numerous cultures throughout Africa, and the chicken is the most common sacrificial animal. This is perhaps especially true of the Ibo and related cultures in present-day Nigeria. Chickens are routinely sacrificed to mark births, deaths, dedication of houses or other structures, purification rites, and as general sacrifice to specific deities, among other acts.

The work at Kingsley Plantation in 2006 has already provided data for two doctoral dissertations that are in progress, and a planned M.A. thesis. Fieldwork resumed at the site this summer and will continue through the summer of 2008.



Excavation underway at Kingsley Plantation.



Subsistence Hunting in Inuit Communities

Peter Collings

In December of 2006, Assistant Professor Peter Collings was awarded a major grant from the National Science Foundation's Office of Polar Programs to conduct fieldwork in Arctic Canada. Written in collaboration with George Wenzel, a geographer at McGill University in Montreal, the grant will fund research to examine the economics of subsistence hunting in two Inuit communities.

In the contemporary Arctic, Inuit economies have often been characterized as being "mixed"; that is, Inuit tend to pursue economic strategies




Summertime arctic fishing.

that are a combination of both traditional hunting and trapping activities and wage employment in the private and public sectors of the modern village. The research is designed to understand how access to money through wage labor constrains or encourages hunting activities. Additional data collection is focusing on social networks in the contemporary com-

munity, measuring how hunted food, stored foods, and money move through families and the community.

The hunting activities pursued by Inuit are decidedly traditional in nature, but the way in which these activities are conducted is quite different. The snowmobile is a necessary form of transportation today, made so because most village locations are far removed from traditional hunting lands. Snowmobiles and other forms of transportation are both expensive to purchase and maintain, and access to cash is therefore crucial for supporting most hunting activities.

Although the Copper Inuit with whom Collings works conform closely to the "Eskimo" kinship style of social organization seen in most anthropology textbooks, Baffin Island Inuit, with whom Wenzel works, place a greater degree of emphasis on patrilineal extended family kinship groups. Thus, the purpose of the study is also comparative, to examine how two different systems of social organization interface with contemporary economic issues in the Arctic.

Collings is currently conducting research in Ulukhaktok, a village of 400 Copper Inuit in the Northwest Territories. He will be in the field through late December of 2007. Wenzel will begin fieldwork in Clyde River, Nunavut, in 2008. 




Collings

Russ Bernard Retires

Although Yogi Berra was talking baseball when he said, "it ain't over 'til it's over," he may as well have been talking about Russ Bernard's career in Anthropology. Retiring after an illustrious 28-year tenure at the University of Florida, Professor H. Russell Bernard now transitions into the "quiet" life of more NSF-sponsored workshops, more graduate-student mentoring, and more research on methods. Colleagues and friends gathered at Mr. Han's restaurant this past April to recognize Russ for his dedicated service to the department and the profession.

Russ joined us in 1979 as Department Chair, a post he held for 11 years while also editing the flagship journal *American Anthropologist*. In these program-building years, Russ established himself as the leader in anthropological methods, launching two new journals and authoring the definitive

texts on the subject, as well as creating the NSF Methods Camp that enters its third decade this year under his leadership. While attracting millions of dollars of external funding and publishing constantly, Russ gave of his time selflessly to the dozens of graduate students he has placed in the profession. He is a 2003–2004 recipient of UF's Graduate Mentoring Award and the 2003 recipient of the Franz Boas Award for Exemplary Service to Anthropology, a highly prestigious honor bestowed by the American Anthropological Association. Russ may be retiring, but he is not leaving us. As Emeritus Professor of Anthropology, Russ will no doubt be as active as ever in the usual scholarly pursuits and perhaps occasionally in the classroom teaching his signature Research Design course. It'll be déjà vu all over again, and we couldn't be happier. Congratulations Russ! 

Welcome To New Faculty


Join us in welcoming Assistant Professor Maria Stoilkova to the Department of Anthropology. Jointly appointed with the Center for European Studies, Maria took her Ph.D. in Anthropology in 2004 from the University of California, Berkeley. Her dissertation research centered on the emigration experiences of the Bulgarian intelligentsia, both abroad and in the U.S. She joined us in mid-year after completing a project this past fall with the World Bank in D.C. Maria also taught over the past two years at Columbia University, where she held a postdoctoral fellowship at the Harriman Institution. Her first course in the department was a graduate seminar on transnational migration. This Fall Maria will offer an undergraduate course on European anthropology and a graduate seminar on migration and neoliberalism.

We are also pleased to welcome Assistant Professor Lance Gravlee, who joined the department last fall with an affiliation in the Center for Latin American Studies. His research bridges biological and cultural anthropology



Stoilkova

with emphases on health and human development, psychosocial stress, and cardiovascular disease. Lance also conducts research on race and human biological variation; ethnicity and racism; culture theory; social network analysis; research methods; and medical anthropology. Expanding on work he conducted in Puerto Rico, Lance is launching into a new grant-funded project in the Jacksonville area.

Lance was recently appointed to the American Anthropological Association Race Project, which is funded by the Ford Foundation and the National Science Foundation. Along with Professor Faye Harrison, Lance joins a distinguished and expert panel of anthropological and genetic researchers examining the impact and influence of racial categories on health, research and human lives. This important project uses history, science and lived experience to explain differences among people to reveal the reality—and unreality—of race. 



Gravlee

Faculty Achievements and Honors

Grant Getters

Congratulations to Peter Collings, who was awarded a \$462,000 grant from the National Science Foundation in support of comparative work on Inuit communities with his colleagues George Wenzel (see full story on page 5).

Another large grant from NSF was awarded this spring to Lance Gravlee and department affiliate Christopher McCarty for a new project on the social and cultural context of racial inequalities in health.

John Krigbaum is part of a team headed by Florida Museum of Natural History paleontologist Jon Bloch that received NSF funding for research on environmental and climatic changes in North America during the Paleocene-Eocene transition.

Congratulations to Mike Moseley and Augusto Oyuela-Caycedo on their awards of Humanities Scholarship Enhancement Funds. Mike is launching a new project at the Peruvian site of Caral, locale of the oldest civilization in the western hemisphere. Following on his longstanding research on natural disasters among ancient South American societies, Mike has assembled an expert team of American and Latin American scholars to examine the convergent catastrophes of earthquakes and El Niño floods as a factor in the abandonment of the region.

Augusto's project is on the contributions of Max Schmidt to Amazonian archaeology and ethnology. Schmidt was among a group of German scholars that did pioneering work in the Amazon in the 19th century. Augusto had Schmidt's dissertation translated into English last year and

is now convening a workshop of top scholars to discuss the relevance of Schmidt's work to modern studies of the Amazon.

Brenda Chalfin was awarded a grant from UF's Center for International Business Education and Research (CIBER) for her ongoing work on international customs reforms in Europe. CIBER also funded Anita Spring this year in support of her research in entrepreneurialism in Ghana, and for the annual conference of International Academy of African Business Development that Anita is hosting at UF this spring.

Mike Heckenberger was awarded funds from the William Talbot Hillman Foundation for his Southern Amazon Ethnoarchaeology Project.

Rick Stepp received support from the Christensen Fund to develop a Geographic Information System for assessing biocultural diversity globally. In collaboration with the American Museum of Natural History, results of this project will be parlayed into public exhibits, as well as the usual scholarly works.

Course development grants from various UF programs were awarded this year to Susan Gillespie, Anita Spring, Augusto Oyuela-Caycedo, Abdoulaye Kane, and Sue Boinski. Hansjoerg Dilger received substantial support from several UF programs for an international workshop titled "Transnational Medicines, Mobile Experts: Rethinking Medicine in and beyond Africa." Organized jointly with Abdoulaye Kane and Stacey Langwick, the workshop was held here at UF in October 2006. 


Appointments and Elected Leadership

Congratulations to Tony Oliver-Smith for his appointment to the Greenleaf Chair of Latin American Studies and visiting professorship of anthropology at Tulane University for the spring semester of 2008. His activities there will be focused on teaching a course on problems in post-disaster reconstruction and developing a research project on processes of post-disaster reconstruction in Latin America (1970–2005).

Marilyn Thomas-Houston has been named the Dalhousie University (Nova Scotia) Research Chair in Globalization and Cultural Studies, funded by the Fulbright Scholar's Program for the 2007–2008 academic year.

The department also congratulates Faye Harrison who was appointed Director of UF's Program in African-American Studies this past spring and will lead that unit into a new era of expansion and involvement. This year Faye is


also the Executive Program Chair for the 106th Annual Meeting of American Anthropological Association in Washington D.C., whose theme for 2007 is "Difference, (In)equality and Justice."

Other faculty assumed leadership roles this past year in national and regional organizations: Susan Gillespie ascended to the Presidency of the Archaeology Division of the American Anthropological Association, Ken Sassaman began his two-year term as President of the Southeastern Archaeological Conference, Rick Stepp became editor-in-chief of the journal *Ethnobiology*, and Mike Warren was elected Chair of the Physical Anthropology section of the American Academy of Forensic Sciences in February. Mike was also elected to a three-year term as a member of the American Board of Forensic Anthropology, the accrediting body that certifies practitioners as Diplomates. 


Recognizing Quality Educators

Tony Oliver-Smith received one of the Graduate School's Doctoral Mentoring Awards for 2007. Since 1981, Tony has chaired about 20 doctoral committees in Anthropology, an equal number of master's committees, and numerous others as a committee member. With a reputation for sensitivity toward the needs of diverse students, Tony attracts more than the usual number of students. He also enjoys great

success in guiding them to completion of their studies and professional employment.

Mike Warren received one of the 2006–2007 CLAS Teacher of the Year Awards. Mike has established quite a reputation on campus with the popular Skeleton Keys course and his standing-room-only course on osteology. Mike joins a growing list of award-winning teachers in the department. 

Moving Up

Congratulations to five of our colleagues on their promotions this past year. Sue Boinski ascended to the rank of Full Professor; Rick Stepp, Susan deFrance, and Mike Warren ascended to the rank of Associate Professor; and Buzzy Guillette rose to the Associate Scientist rank. In addition, Drs. Stepp, deFrance and Warren were granted tenure. 

Graduate Student Achievements and Honors

The National Science Foundation recently named the 2006–2007 recipients of their Graduate Research Fellowships. There were 14 UF awardees and 24 honorable mentions. Congratulations to Anthropology student Becky Blanchard for winning one of these prestigious NSF awards. Incoming student Aida Miro, who will work with Connie Mulligan on molecular genetics, also received an NSF fellowship.

Bryan Tucker's NSF Dissertation Improvement Grant was funded for his work on isotopic evidence for seasonal mobility in the mid-Holocene of northeast Florida, under the direction of John Krigbaum.

NSF's SEA GAP program provided funding to Camille Feanny, who joined us this year after a vibrant career as an environmental editor at CNN.

John Endonino received a State of Florida Survey and Planning Grant for his dissertation research on the Thornhill Lake Archaic mound site off of Lake Monroe.

Amy Cox garnered a Fulbright Award this year for her work in Peru, as did Erich Fisher for archaeological research in Ethiopia and teaching at Awassa University.

Department awards for dissertation writing went to eight deserving graduate students. Charles H. Fairbanks Scholarships for archaeological research went to Kharyssa Rhodes and James Waggoner. John M. Goggin Memorial Scholarship awardees this year include Jean Dennison, Kamal Feriali, Lauren Fordyce and David Mead. Erin Waxenbaum and Shanna Williams are recipients of William R. Maples Scholarships in forensic anthropology.

Recipients of Polly and Paul Doughty Graduate Research Awards for 2007 are Sarah Cervone, Camille Feanny, Ryan Peseckas and Timothy Podkul. These awards support graduate student research on international peace, conflict resolution, and/or development, with preference given to a focus on Latin America.

The Center for Latin American Studies (LAS) announced the recipients of its 2007–2008 fellowships awards. Tropical Conservation and Development (TCD) awards went to Anthropology students Omaira Bolanos and Rafael Mendoza, and Foreign Language and Area Study awards to Randall Cronos and Jeffrey Hoelle. Receiving a Charles Wagley Research Fellowship was Nick Kawa, and

Tess Kulstad was awarded a Curtis Wilgus Research Grant. Matt Watson received a LAS Doctoral Student Teaching Program Award. Matt was also the recent recipient of a Wenner-Gren Grant for his dissertation research in Mexico.

Other LAS funding for Anthropology graduate students comes from its Field Research Grants Program. Recipients of Tinker Field Research Grants include Elyse Anderson, Karen Coutts, Mark Donop, Renata Godoy, Erol Kavountis and Karen Pereira. TCD Field Research Grants went to Elizabeth Binford, Joanna Reilly-Brown, and Gabriela Stocks. LAS Endowment Award recipients are Diogo Costa, Nicholas Kawa, Tess Kulstad, and Joshua Torres. Congratulations to all LAS award winners!

The department also congratulates Anthropology recipients of Foreign Language and Area Study (FLAS) Awards from the Center for African Studies: Sarah Cervone (Arabic), Traci Yoder (Swahili) and Rachel Harvey (Xhosa). Sarah also received a larger grant from the American Institute for Maghrib Studies to study Arabic in Tangiers and to conduct research on gender and economic development in Morocco, which she has accepted


instead of the FLAS award. And congratulations to Rachel Harvey for receiving the Madelyn M. Lockhart Summer Research Travel Award to work on cultural tourism in Cape Town, South Africa.

Mussa Indris was selected by the College of Liberal Arts and Sciences to receive a certificate for outstanding achievement by an international graduate student.

Rebecca Gray won a William S. Pollitzer Student Travel Award from the American Associate of Physical Anthropology for an essay on reconciling the teaching of evolution with religious beliefs.

Symma Finn received funding from the Alpha-1 Foundation and Talecris Biologics Inc. to support doctoral research on patient empowerment

Neill Wallis was awarded a Missouri University Research Reactor award to support his dissertation research involving neutron activation analysis of Swift Creek pottery from Georgia and Florida.

Laurel Freas was the recipient of an Emerging Forensic Scientist Award from the Forensic Sciences Foundation, as well as a scholarship from the Ellis R. Kerley Forensic Sciences Foundation. 

Undergraduate Student Achievements and Honors


Jenna Battillo is this year's recipient of the Brendan O'Sullivan Award for Academic Excellence. In memory of our 1999 UF valedictorian, the O'Sullivan Award goes to the highest-ranking graduate of the year. Jenna completed her dual majors in Anthropology and Classics with a perfect 4.0 GPA. As she continues her studies in skeletal biology this Fall at New York University, Jenna will enjoy the support of a Beinecke Scholarship, one of nation's most prestigious student awards.

Lauren Galloway and Stacie

Sachs are the 2007 recipients of Patricia Essenpreis Awards for archaeological field school training. Lauren is spending her summer in South Africa, where she will be working on some of the premiere cave sites for early human fossils, while Stacie stays a bit closer to home with the St. Johns Archaeological Field School under direction of Ken Sassaman.

Four Anthropology majors were awarded University Scholar Grants for 2007–2008. Each of the recipients will conduct research under the guidance of an Anthro-

poloogy faculty mentor. Alexandra Fehr will work with Lance Gravlee on cultural perceptions of tuberculosis in the Peruvian Andes. Peter Lanzarone will partner with Steve Brandt on a comparison of digital and line drawing imagery of stone Tools from an Ethiopian cave site. John Krigbaum will mentor Krista Church in a study of Middle Island in Florida. And Rick Stepp will guide Courtney Fletcher in the methods of ethnobotanical knowledge acquisition. Congratulations University Scholars!

The UF chapter of Phi Beta Kappa elected seven anthropology majors to the Society in its Fall 2006 evaluation. Election is based both on outstanding GPAs, and breadth of coursework in the liberal arts and sciences. The newly elected members are Anne E. George, Laura Anne Grubl, Irene H. Halmari, Devon K. Hutchins, Laura Marie Iles, Mary C. McCabe, Cassandra R. McCrae and Nathaniel A. Dickey. Congratulations to these outstanding students! 

Amazon, *continued from page 1*

permitted accurate archaeological mapping in a fraction of the time, enabling the archaeological discovery of integrated clusters of settlements. Heckenberger argues that these clusters represent a unique form of ancient urbanism that, along with other non-Western settings, shows both remarkable similarities and variability across the pre-modern world.

Archaeology is particularly critical in understanding the history of this region, due to a lack of early documents in most areas or, more commonly, a lack of studies. In the Upper Xingu, archaeology has been a keystone in several land-claim cases by Brazilian colleagues. The discovery of these unique settlement and land-use patterns not only force a critical re-evaluation of the Amazon, but of core concepts in anthropology, such as social complexity, ancient urbanism, the catastrophic consequences of colonialism, and ongoing struggles of indigenous and rural Amazonians to the often hostile conditions of globalization.

The project, with support from UF and NSF, involves a number of UF colleagues and students, including Christian Russell, Joshua Toney, Morgan Schmidt, Luis Claudio Symanski, Dave Mead, Mark Donop, Diogo Costa, Renata Godoy, and Angelina Howell.

Recent descriptions of this research and the general area appeared in *National Geographic* (January 2007), *Royal Society Lon-*

Kuikuro assistants prepare for GPS mapping of ancient landscape.



don B (February 2007), and *Discover Magazine* (March 2007). More information about the work can be found on the anthropology website, and look for Heckenberger's article on ancient civilizations of the Amazon in an upcoming issue of *Scientific American*. 🍷

Become a Friend of Anthropology—You Can Make a Difference! We need your help, whether you can spare only a few dollars or many more. The Anthropology Department depends on gifts to fund student travel to meetings, undergraduate and graduate scholarships, dissertation and field school awards, lecture series, laboratory enhancements, and other initiatives. It's easy to make your tax-deductible gift through the University of Florida Foundation. Online giving to the Friends of Anthropology Fund with a credit card is now available at <https://www.ufl.edu/OnlineGiving/CLAS.asp>. UF employees can donate to any Anthropology fund through payroll deduction. Or use this convenient form to designate your gift to a specific purpose:

- Friends of Anthropology** (provides for a wide variety of department initiatives and needs)
- Custom Copies Graduate Travel** (to help defray costs for graduate students to travel to professional meetings)
- Patricia Essenpreis Award for Undergraduate Archaeology Research** (for female undergraduates to attend field school)
- Brendan O'Sullivan Award for Outstanding Undergraduate Majors** (honors the highest-ranking major at spring graduation)
- Polly and Paul Doughty Graduate Research Award** (for graduate student research in Latin America)
- Charles H. Fairbanks Scholarship** (to defray research costs for archaeology Ph.D. students in their final year)
- John Goggin Memorial Scholarship** (to defray research costs for Ph.D. students in cultural anthropology, biological anthropology, and linguistic anthropology in their final year)
- William Maples Scholarship** (to defray research costs for forensic anthropology graduate students)
- Marvin Harris Lecture Fund** (to honor the late Professor Marvin Harris, one of the nation's leading anthropological theorists)

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