

Inside Arts and Sciences

Fall 2006

First Louise Lamphere Public Policy Grant Awarded

From her groundbreaking work in feminist anthropology to her national-level advocacy of a community-engaged public anthropology, UNM Distinguished Professor Louise Lamphere has been changing the face of anthropology throughout her nearly 40-year career. To ensure that the next generation of students will be able to build on these changes in meaningful ways, Lamphere has donated \$200,000 to establish the Louise Lamphere Public Policy Grant for doctoral students in the Department of Anthropology's Ethnology Program. The grant provides \$10,000 annually to support the dissertation-writing year for a student who is conducting policy-relevant ethnological research in collaboration with a community, non-governmental organization or government agency.

The first Lamphere Grant was awarded this fall to Christina Getrich, a doctoral student whose work examines how children of Mexican immigrants make sense of their transnational identities. Through her research in a nonprofit after school center serving Mexican immigrant youth in San Diego, Getrich is

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Chemistry Alumnus John Solenberger Challenges Undergraduate Researchers

PROFOUND Symposium keynote speaker John Solenberger, distinguished chemistry alumnus ('63)

"I like to think that in 40 years or so, one of you will be standing here telling the next generation of scientists what his or her contributions to this world were, and challenging the students present to get going." That was the charge given by distinguished College of Arts and Sciences alumnus John Solenberger ('63) in his keynote address to student participants at the Third Annual Celebration of Undergraduate Research Symposium last May.

Eighty-three undergraduate researchers from the sciences, humanities and social sciences joined the daylong symposium to present their research projects, which ranged from the investigation of a galaxy hidden by the Milky Way to the impact of Jane Austen's novels in popular culture. The symposium was sponsored by the Program of Research Opportunities FOR UNDERgraduates (PROFOUND), a College-coordinated program that connects undergraduates with job opportunities in faculty research programs

Universitywide. These research opportunities not only offer students the chance to build mentor relationships with faculty, but also the opportunity to learn the latest developments in their disciplines.

Solenberger, who retired from DuPont Company in 2004 as a development planning manager in high performance plastics, recounted for the student researchers the rewards and surprises of his own 35-year career as an eminent research chemist. "When I sat in your chairs 40-odd years ago," he told PROFOUND participants, "I had no idea that during my career I would change completely my research direction four times, develop technology that would affect the lives of everyone in this room, and visit 20 countries around the world to introduce new technologies and products." Three-time recipient of the DuPont Corporate Marketing Excellence Award, Solenberger used his own journey through research and development work in environmental problems, chemical processes, optical fibers and especially high performance plastics to impress upon students the intellectual and personal satisfactions of a career in cutting-edge research. (You can read Solenberger's complete address at www.unm.edu/~artscl/.)

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Message from the Dean

Education is, fundamentally, about creating readiness to take advantage of the next learning opportunity that life presents us. While our mission at the College of Arts and Sciences will

always remain focused on educating our undergraduate and graduate students, we recognize that our work neither begins nor ends with our students' time here on campus. A liberal arts education is part of a lifelong learning process that starts before the college years and continues far beyond them.

Preparation for the college experience makes all the difference to students' success here. Increasingly, our faculty members across the disciplines are partnering with middle and high schools to prepare students to succeed in college classes. Let me highlight a few such faculty initiatives in the critical instructional areas of math, science and writing:

- 2006 Presidential Teaching Fellow Michael Nakamaye, associate professor of mathematics and statistics, invited gifted middle and high school students from around the state to campus this summer for the first **New Mexico Summer Math Camp** (funded by ENLACE and the Efromson Fund). With graduate students joining him as instructors and campus chaperones, Nakamaye introduced the students to "the beauty and challenge of rigorous mathematical thinking."

- World-class scientists from the College invited teachers from middle and high schools to join their research teams through the summer **Science Research Fellowship** program of the **Science Education Institute of the Southwest (SEIS)**. Research fellows worked side by side investigating the microbiology of caves with biologist Diana Northup and studying Sandia Mountains tectonics with geologist Tim Wawrzyniec. The experience of engaging in hands-on field research is changing the way these teachers introduce their own students to the excitement of scientific inquiry. (For more information on this and other SEIS programs, please visit www.seisinstitute.org.)

- To help foster the writing skills that are vital to the transition from high school to college, faculty from the Department of English's Rhetoric and Writing program have initiated a partnership with teachers from Albuquerque and Rio Rancho public schools

As part of the **New Mexico English Teacher Exchange**, College faculty pair with high school English teachers to observe and learn from one another's teaching practices. Our faculty visit high school classrooms to talk with students about college-level writing, and even "mock grade" essays using UNM's writing standards. (For more information, please visit teacherx.unm.edu.)

Once students arrive at the College, our job is to engage this readiness. For the fourth year running, more than 3,000 freshmen have arrived to begin their college careers at UNM. Our departments are strongly committed to providing them with multiple avenues of academic support. Examples include the Math and Statistics Department's algebra and calculus "tutoring tables," located between classes in high-traffic areas, and the English Department's experiments in providing "on location" help with writing assignments in classrooms throughout the campus. Such programs help to build the skills that will enable students to progress through increasingly sophisticated coursework during their years at the College.

Ultimately, we know that our time with students is about creating a readiness to engage their newly trained minds as learners out in real professions and communities in the world. The College's Program in Research Opportunities FOR UNDERgraduates (PROFOUND) offers students experience working in scholarly and scientific research under the mentorship of faculty from the sciences, social sciences and humanities (see article above). Engaging in original research at the undergraduate level opens for many students a new awareness of career paths and a new interest in graduate studies.

Students at the College also have the unique advantage of receiving their education in one of the richest cultural settings in the nation, and in one of the country's metro settings with the "highest concentration of brainpower" (according to a demographic survey from Bizjournals.com). The specialized work of the College's many programs and centers brings students into contact with those cultural communities and the scientific and technical professions so well-represented in the state. I invite you to read inside about two of these: The Alfonso Ortiz Center for Intercultural Studies and the Office for Policy, Security and Technology, which model commitments to bringing our knowledge to bear on the real world in which we live. Readiness to take on the opportunities of the future is what our College education is all about.

— Dr. Vera Norwood



Photo by Tom Brahl

Architectural detail of the Hibben Center on the UNM campus

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The Alfonso Ortiz Center for Intercultural Studies

Anthropology Engaging the World

Photo by Kathryn Klein, Ortiz Center Director



Bernalillo Matachines at a September 2006 El Rio exhibition event

At the Ortiz Center this year, challenge is what it's all about. Inaugurated in 2000 by the College's Department of Anthropology and the Maxwell Museum of Anthropology, the Alfonso Ortiz Center for Intercultural Studies is dedicated to the challenge of developing a new engagement of anthropology with the world. Inspired by the work of the late Alfonso Ortiz, UNM professor of anthropology for 23 years, the Ortiz Center carries forward his conviction that the most meaningful opportunities for cultural insight are created when the conventional barriers between the academic community and the communities of the world at large are eliminated.

Ortiz Center programs are built on creative community partnerships with the diverse peoples of the Southwest as well as indigenous peoples of the world. Together, participants address social and cultural issues of public concern to create mutual understanding through collaborative projects, public

programming, research, exhibitions, and by creating new models of inclusion. These public collaborations in cultural inquiry are producing insights of real value for communities and policymakers looking for new solutions to social problems.

Recent partnership programs at the Ortiz Center have included:

- *The Public Anthropology Noon Lecture Series*, a new program for students, community members and faculty, with scholars from around the country presenting their work on critical social issues.
- *Haak'u—A Plan to Prepare: The Sky City Cultural Center and Museum Initiative*, a collaborative project with the Pueblo of Acoma to support the development of permanent exhibitions for its new facility.
- *El Rio*, a traveling exhibition exploring the relationship between traditional knowledge, local culture and a sustainable environment in the Rio Grande/Rio Bravo Basin, produced by the Smithsonian Center for Folklife and Cultural Heritage (co-sponsored by UNM's Department of Chicano/Mexicano/Latino Studies).
- *Hands on Humanity Program*, an on-going series of family activities and events associated with exhibitions at the Maxwell Museum of Anthropology.

A literal "challenge" lies before the Ortiz Center as well—a one-time opportunity to set its endowment in place (see accompanying box). For more information on the endowment challenge or Ortiz Center programs, please visit: www.unm.edu/~ortizctr/.

Be a Part of the Success! \$850,000 Raised, Only \$174,000 Left to Go!

A generous 3:1 matching Challenge Grant from the National Endowment for the Humanities (NEH) is now entering its home stretch. The challenge offers the Ortiz Center for Intercultural Studies a one-time opportunity to raise a \$1.024 million endowment, with every three dollars donated matched by one from the NEH. Recognizing this extraordinary opportunity to set the center's endowment in place, the College of Arts and Sciences is dedicating all contributions to the Dean's Fund this year to the Ortiz Center NEH Challenge fund. As we near the July 31, 2007 close of the challenge period, we are looking for new community partners for the center. If you would like to contribute to the Ortiz Center, you may send a check in the enclosed envelope, visit the UNM Foundation secure online giving site: www.unm.edu/foundation, or contact Sachi Isobe at (505) 277-5426 or sisobe@unm.edu.

A&S Faculty Promoted To Distinguished Professor

Congratulations to six faculty members from the College of Arts and Sciences who were promoted to the rank of distinguished professor, UNM'S highest faculty title. The University awards the title only to its most nationally and internationally prominent faculty members:

Keith Basso, Regents professor of anthropology, is esteemed for his body of work on language and culture, as well as his particular expertise on Apache culture, language and history.

Carlton Caves, professor of physics and astronomy, has pioneered important work on questions of quantum information theory and quantum computation.

Steven Gangestad, professor of psychology, works in the field of evolutionary psychology, focusing on how humans' current psychological design is a product of evolutionary selection.

Paul Hutton, professor of history, is a renowned scholar of U.S. history and the American West, winner of multiple awards for his books, articles and television documentaries on Western subjects such as Gen. George Custer and Daniel Boone.

Tey Diana Rebolledo, Regents professor of Spanish, specializes in Latin American poetry, women's literature and Chicana literature, with current research focusing on colonial and contemporary Southwest Hispana literature and culture.

Howard Waitzkin, professor of sociology, is recognized for his work in medical sociology, the sociology of mental health, and health policy in comparative international perspective.

Three Named 2006-2009 Regents Professors

Three professors have received the prestigious title of Regents Professor from the UNM Board of Regents, one of the highest honors given faculty members at the University:

Karen A. Foss from the Department of Communication and Journalism, who also teaches in the Women Studies Department, is an expert in contemporary rhetoric and criticism, and feminist perspectives on communication.

Wolfgang Rudolph from the Department of Astronomy and Physics, is known for his work in ultrafast lasers and spectroscopy, and in biophysics.

Russell Goodman, professor of philosophy, is a specialist in 19th and 20th century philosophy, particularly Wittgenstein, American philosophers and pragmatism.

Research Discoveries

Photo by Prof. Manuel González Morales, Universidad de Cantabria, Spain



Horse head slate pendant found at El Mirón Cave, dating from 17,000 years ago

• During an excavation expedition with Distinguished Professor of Anthropology **Lawrence G. Straus** to El Mirón Cave in the Cantabrian Mountains of northern Spain this past summer, graduate student **Yuichi Nakazawa** found a spectacular perforated slate pendant with the engraved image of a horse head. The pendant dates from the early Magdalenian period, about 16,000-17,000 radiocarbon years old. Funded with a grant from the National Geographic Society, this was Straus' 11th year excavating El Mirón Cave. Together with project co-director, Prof. **Manuel Gonzalez Morales** of Spain's Universidad de Cantabria, Straus worked with a team of four UNM graduate students as well as several Spanish and Portuguese graduate students. A number of important prehistorians and paleontologists visited the site during the course of the excavation.

• Astronomy Associate Professor **Gregory Taylor**, UNM exchange student **Cristina Rodriguez** of **Simon Bolivar University** in Venezuela, and other researchers using the National Science Foundation's Very Long Baseline Array (VLBA) radio telescope have found the closest pair of supermassive black holes ever discovered in the Universe—a duo of monsters that together are more than 150 million times more massive than the Sun and closer together than the Earth and the bright star Vega. The finding, which will be detailed in *Astrophysical Journal*, should help further understanding of black hole collisions and mergers, and their role in the development of galaxies.

For more information, visit: www.unm.edu/~market/cgi-bin/archives/001219.html.

• As part of the largest clinical trial ever conducted of pharmacologic and behavioral treatments for alcohol dependence, **UNM's Center on Alcoholism, Substance Abuse and Addictions (CASAA)** was one of 11 U.S. sites participating in a National Institute of Health (NIH) study that concluded that alcoholism can be effectively treated in primary care settings. According to results from "Combining Medications and Behavioral Interventions for Alcoholism" (the COMBINE Study), the medication naltrexone and up to 20 sessions of alcohol counseling by a behavioral specialist are equally effective treatments for alcohol dependence when delivered with structured medical management. "Now, patients can talk to their doctor and be treated in the context of normal office visits," says Distinguished Professor of Psychology **William R. Miller**, one of the study's co-authors. "Doctors can offer their patients with alcohol dependence a choice: to prescribe naltrexone and follow them through office visits, or to refer them for specialist counseling. Both produced very good outcomes in this trial."

For more information, visit: www.unm.edu/~market/cgi-bin/archives/001220.html

Q & A with Andrew Ross of the Office for Policy, Security and Technology



Andrew Ross, Director,
Office for Policy, Security
and Technology

Andrew L. Ross came to the College one year ago as the first permanent director of the Office for Policy, Security and Technology (OPST). Founded in 2003 as a collaboration between UNM and Sandia National Laboratories, OPST promotes interdisciplinary work at the intersection of public policy and science and technology.

Q. OPST is a relatively new venture for UNM. What is its mission?

A. The Office for Policy, Security and Technology focuses on public policy issues, many of them high profile, with a significant science and technology component. I see OPST's programs coming to focus increasingly on three areas: (1) science, technology and security; (2) science and technology policy, and (3) science, technology and society. In the international and national security realms, nuclear weapons issues, military transformation, proliferation, terrorism and space are certainly high on the list. We are also interested in developing programs on critical issues such as energy alternatives, the environment and water, all of which have security dimensions.

OPST is uniquely situated to address these issues, located both at the nexus of the social and physical sciences and at the intersection of academia and the world of applied research. We have the incredible breadth of the College's disciplinary resources to draw on, as well as the expertise of colleagues at UNM's schools of engineering, management, law and medicine. Through collaborative programs, OPST attempts to bring together expertise across these traditional disciplinary boundaries to do policy-relevant work—which is our reason for being.

Q. A national search succeeded in drawing you away from an impressive 16-year career at the U.S. Naval War College. What new potential for engaging the policy world did you see here at OPST?

A. My years as a professor at the Naval War College provided me with opportunities I would not otherwise have had. For instance, during the 2001-02 academic year I served as the co-leader of the college's Strategy Task Group, which was established to support the chief of naval operations after 9/11. The directorship of OPST, however, provided a unique opportunity to return to mainstream academia and develop a program with enormous potential. Frankly, at UNM I have greater freedom to engage in a broad range of policy-relevant work, some of which involves issues around which there is no little controversy.

"We are also interested in developing programs on critical issues such as energy alternatives, the environment and water, all of which have security dimensions."

Q. You've had a very productive first year. Tell us about some of the programs you've developed.

A. In March, we held a "Forum on Opportunities and Challenges for Women in Science and Engineering," which we co-hosted with the College's Feminist Research Institute to bring together prominent women in academia, national security and the private sector. Joe Cecchi, the dean of the School of Engineering, provided important support for that program. On Sept. 11, 2006, OPST co-sponsored, with the College's Institute for Public Policy and Department of Political Science, an event called "September 11: Five Years Later." Our speaker, Emile Nakhleh, a recently retired senior intelligence service officer, rocked. In collaboration with Sandia and Women in International Security (WIIS), a national organization based at Georgetown University, in late September we hosted a major public forum on "The Reliable Replacement Warhead Program and the Future of the U.S. Nuclear Weapons Complex." For WIIS, this event was part of its MacArthur Foundation-funded program on science, technology and security.

With Nitant Kenkre, distinguished professor of physics, and his Consortium of the Americas for Interdisciplinary Science, we just initiated a remarkable interdisciplinary series of seminars that is bringing together faculty, post-docs, and graduate students from the physical and social sciences. This kind of interdisciplinary engagement is what OPST was established to foster. We want to see more such disciplinary transgressions.

Q. How are students part of this interdisciplinary conversation you're fostering?

A. OPST supports not only the research and public engagement missions of UNM but also its educational mission. Last November, OPST established a curriculum development grant program. Our first four grants were awarded to teams of faculty to design and teach new interdisciplinary courses that will further understanding across the divide between science and policy. Students are now enrolled in "Communicating Science," co-taught by the Department of Biology's Diana Northup and Janet Yagoa Shagam, from the Professional Writing Program. In the spring, students will study "Nuclear Non-Proliferation Science and Policy" with a team of physicists, Amir Mohagheghi and Faraj Ghanbary, from Sandia's Cooperative Monitoring Center, and sociology doctoral student Mozafar Banihashemi. Next year there will be courses exploring the human settlement of space and the opportunities and challenges of technology transfer. We have also put in place a new two-course sequence on "Strategy and Policy" and "National Security and Defense Planning" and we'll soon solicit new curriculum development proposals.

Q. Where do you see the biggest potential for OPST to impact current policy decisions?

A. There is interest in more systematically developing alternative energy sources, and I look forward to exploring opportunities in that arena. We're also developing plans for a major program to look at our present and future use of space technology. Space has long been militarized, but it's clear that there are plans and programs that would result in the weaponization of space. We're about to enter a time of serious public debate about this, and I hope to put OPST on the national map on this issue.

For more information on OPST, please visit <http://www.unm.edu/~opst/>.

First Louise Lamphere Public Policy Grant Awarded

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Distinguished Professor of Anthropology Louise Lamphere, right, with Christina Getrich, first recipient of the Lamphere Public Policy Grant for doctoral students

examining the relationship between citizenship status, identity and successful economic, political and social participation in American society. "One in 10 children in the U.S. lives in mixed immigration status families," she says, "so it's in everybody's interest to get them on the right educational path." Helping this population to make the transition to college successfully is a huge concern for policymakers, whether at UNM or at the state, regional and even national levels. "The more information we get on who these children are," says Getrich, "the better we can serve them."

Getrich's work within Mexican immigrant communities demonstrates what Lamphere identifies as a "sea change" within anthropology: "Research is no longer conducted for the 'ivory tower,' but instead out of concern for its relevance to communities and in order to have some impact on policy decisions." Such engagement with critical social issues has typified Lamphere's own work, both as past president of the American Anthropological Association and in her writing and research on gender and work, urban

anthropology, ethnicity and immigration, health care and Native North America. Among her influential works have been *Women, Culture and Society*, co-edited with Michelle Zimbalist Rosaldo; *Structuring Diversity*; *Sunbelt Working Mothers*; and a recent study of the impact of Medicaid Managed Care in New Mexico, published in a special issue of *Medical Anthropology Quarterly*.

Lamphere's decision to fund students such as Getrich during the dissertation-writing year was a strategic choice. "The hardest place for students to get financial support is after their research is done; the writing year is really tough. Many have a hard time finishing because they're forced to take jobs that just don't leave time for writing the dissertation."

As a provision of the grant award, Getrich will also serve as program intern at the Alfonso Ortiz Center for Intercultural Studies (see article, page 2). There, she will have the opportunity to present her research, not only as a UNM lecture, but also to the community where her research has been located and to New Mexico organizations working with similar populations. According to Lamphere, this is a crucial part of professional formation for students today. "Most of the jobs our graduates take won't be in academia; they'll be in the policy arena. This gives them experience not only in academic presentation, but also in how to engage in feedback with the communities and organizations involved. Through the Ortiz Center, they'll get the training they need in how to put together programs that turn research findings into policy-relevant presentations. They'll be getting experience that's important to their future work in the policy arena."

College Offers Students Certificate in Peace Studies

An innovative new certificate program from the College's Peace Studies Program is making essential skills in conflict transformation available to students from fields across the University. While an interdisciplinary undergraduate minor degree has been available to College of Arts and Sciences majors since the 1980s, the certificate program will equip degree and non-degree students in all UNM academic units with theoretical and practical understanding of the many dimensions of conflict transformation, from workplace relations and cross-cultural communication to international peacekeeping and disarmament. Certificate recipients must earn 15 credits from courses teaching the theory and practice of conflict resolution, with three of those credits earned in a service learning internship setting.

"What is exciting about the certificate program is that it enables all UNM undergraduates to further develop their passion for peace and their competencies in conflict resolution," says program director, Professor of Law Jennifer Moore. "Peace studies is not just a branch of the social sciences—it embraces every academic discipline, from service learning within the College of Education, to clean water projects within the College of Engineering, to maternal health care within the College of Nursing, to mural design within the College of Fine Arts, and everything in between."

Alumni Honor Daughter with Cocalina Memorial Scholarship in Biology



Cocalina Scholarship donors Angela and Paul Costanzo



Beth Belding, biology scholarship recipient

A very special new scholarship for biology students serves as testimony to the difference that the presence of others can make in our lives. The Cocalina Memorial Scholarship in Biology was established in 2006 in memory of young Catalina Gabrielle Costanzo, daughter of 1999 University of New Mexico graduates Paul and Angela Costanzo. Nicknamed Cocalina, the Costanzos' daughter died at birth last year as a result of complications from the genetic disorder, holoprosencephaly. First-time donors to the College, Paul and Angela had a strong desire to honor Cocalina's life by opening a new door of opportunity to a woman biology student in her name. In explaining their motivation, Paul and Angela lend their daughter a voice:

My mom, Angela, is a biologist who completed her undergraduate degree from the University of New Mexico and her graduate degree in ecology at the University of Washington. My dad also graduated from the University of New Mexico.

My dad and mom wanted to share their love of me with other people, so Daddy thought a scholarship for female undergraduate biology students from their alma mater would be a nice way. I love woman scientists. . . especially my mom. So, apply and let my mom and dad ease some of your financial burden. Please continue to be amazing and save the world one biology class at a time. Love, Cocalina

The first scholarship award was made on Sept. 6, 2006, the first anniversary of Cocalina's birth, to junior biology major Beth Belding. It took a while, says Belding, to find her way to the field of biology. It was an anatomy and physiology class for non-majors, actually, that intrigued her because of the degree of challenge it offered. One of the first students to go through the department's newly designed core sequence for majors, she is thrilled, as a math minor, to be enrolled this semester in UNM's first course in bio-mathematics. Belding, who works in the department's pupfish conservation lab, looks forward to graduate work in biomathematics, a new field which combines her interest in animal behavior, form and functions with the predictive power of mathematical modeling. Belding's appreciation for the Cocalina scholarship is genuine: "This award allows me to focus my energy on my education, as opposed to how to fund it. The Costanzos have put my goals of graduating and graduate school within my reach."

UNM a National Leader in Minority Education

- UNM is the only university in the nation designated a Very High Research University by the Carnegie Foundation that also has a minority enrollment of more than 30 percent. UNM has the highest Hispanic and highest Native American enrollment of any institution thus designated.

- UNM is ranked fourth in the nation in awarding baccalaureate degrees to American Indians, according to the news magazine *Diverse: Issues in Higher Education*. The ranking takes into account degrees awarded across all disciplines on main campuses in 2004-05.

- UNM ranked ninth in the nation for awarding doctoral degrees to Hispanics; 19th for institutions conferring master's degrees to Hispanics, and 13th for awarding bachelor's degrees to Hispanics, says *Hispanic Outlook in Higher Education's* annual list of Top 100 Colleges for Hispanics.

- UNM garnered top 20 national rankings for conferring degrees to Hispanic women, according to *Hispanic Outlook in Higher Education*. UNM ranked 13th in the nation for awarding bachelor's degrees to Hispanic women; 17th for awarding master's degrees to Hispanic women, and 15th for awarding doctoral degrees to Hispanic women.

Source: UNM Public Affairs

www.unm.edu/~market/cgi-bin/archives/001236.html

www.unm.edu/~market/cgi-bin/archives/001357.html



Astronomy student Lance Edens, winner of top honors at the Third Annual Celebration of Undergraduate Research Symposium, with faculty mentor, Patricia Henning, associate professor of physics and astronomy

Chemistry Alumnus John Solenberger Challenges Undergraduate Researchers

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Symposium top honors were awarded to researchers in each of four disciplinary divisions: biological sciences, humanities, engineering and social sciences. Last year's winner in the biological sciences category, speech and hearing sciences student Gwyn Sprouls, was one of 75 students from across the United States selected by the national Council on Undergraduate Research to travel with her mentors, professors Amy Need and Phyllis

Palmer, to present her research to Congress in the annual "Posters on the Hill" program in Washington, D.C. Now a graduate student at UNM, Sprouls says that it was the PROFOUND program that started her journey through this "chain of opportunities."

A career in research, Solenberger promised students, will be full of such exciting opportunities to meet the needs of the growing world, whether through medical advances, alternative energy development or in the countless other fields ripe for discovery. Those who take up his challenge will be able to say, along with John Solenberger, that "it all started from right here in New Mexico."

Resistance Fantasies

We like to think we would have been Hans or Sophie Scholl, scattering anti-Reich leaflets for our lives.

We like to think we would have given our homes, our future children for the safety of our neighbors.

We like to think we never could have owned slaves or better still, that we were abolitionists. We never would have paid a factory death wage.

We never would have sat at bulging tables while the potato famine harvested the villages or packed people into coffin ships.

We hear of every trail of tears: The only good Indian is a dead Indian How could the people come to that—solution?

And then we close our newspapers, somewhat aware of what our investments might support, disturbed to be reminded, in the news, or in a poem.

We might quietly recognize ourselves when we hear that all it takes for evil to triumph is for good people to do nothing

And yet go home to our lives and our Silence, that true rough beast, hiding in the hole of our full bellies so easily convinced there is nothing we can do.

And each of us continues to dream of having been willing to give anything at that moment in history, of having been, at the very least, an active resistor. We were all the heroes in someone else's war.

—From Diane Thiel's recent collection, *Resistance Fantasies* (Story Line Press, 2004)



Diane Thiel

Associate Professor of English/Creative Writing Diane Thiel is author of six books of poetry, nonfiction and creative writing pedagogy. Her work appears in *Poetry*, *The Hudson Review*, *Best American Poetry 1999* and is reprinted in more than 30 major anthologies. Her poem, "If You Don't" appears in Billy Collins' new anthology, *180 More: Extraordinary Poems for Every Day*. Her "Family Album" was recently featured by U.S. poet laureate Ted Kooser in his American Life in Poetry project (americanlifeinpoetry.org), which publishes a newspaper column with a readership of more than 10 million across the country.

This past spring and summer, Thiel was invited to teach and read from her books at numerous venues including the West Chester Poetry Conference in Pennsylvania, the Taos Writers' Conference, and at a series at the Catalina School in Monterey, Calif., whose previous participants have been Robert Pinsky, Jane Hirshfield, Billy Collins, Naomi Shihab Nye and W.S. Merwin. She was also invited to Washington, D.C., to represent the U.S. poets included in *Líneas Conectadas*, a new two-volume anthology of Mexican and U.S. poets, sponsored by the National Endowment for the Arts and the Cultural Institute of Mexico. Thiel's poems have been translated into Spanish for the anthology. For her recent books and accomplishments, Thiel was selected by her colleagues to receive the Elizabeth H. Wertheim Endowed Lectureship in English this past May. For more information, please visit www.dianethiel.net.

Around the College

James Brown, distinguished professor of biology, was elected an honorary member of the American Society of Mammalogists, the highest honor conferred by the society in recognition of distinguished contributions to the study and conservation of mammals. Only the 82nd person in the society's 88-year history to be so recognized, Brown has had an enormous impact in the field, from his work in physiological, evolutionary and community ecology, to his impressive mentorship of 50 doctoral students and 23 post-doctoral fellows, many of whom have gone on to become luminaries in their own right.

In a new venture for the College, Institute for Medieval Studies Director **Timothy C. Graham** hosted a major summer graduate seminar in medieval manuscript studies, with participation from graduate students from six universities around the country. The seminar, Paleography and Codicology, will be offered on a regular basis, establishing UNM as a major regional center for the teaching of medieval manuscript studies.

Telescopes pointed at the night sky might just make out Asteroid 6816 Barbcohen, named this year at the 69th Annual Meteoritical Society meeting in Zurich after **Dr. Barbara Cohen** of UNM's Institute of Meteoritics. One of 35 members of the society to be so honored by the International Astronomical Union, Cohen was recognized for her work on age-dating of lunar meteorites.

Professor of Political Science **Deborah McFarlane** recently completed a nationally funded project to preserve the history of international population programs. The Population Pioneers Project is made up of oral histories and personal papers collected from reproductive health leaders throughout the world. McFarlane is an elected member of the International Union for the Scientific Study of Population, the leading worldwide association for individuals interested in population studies.

The U.S. Chapter of the International Association for Landscape Ecology selected Biology Professor **Bruce T. Milne** as the recipient of the 2006 Distinguished Landscape Ecologist Award. Milne's recognition comes largely for his application of fractal geometry to landscapes throughout the United States.

The History Channel interviewed Professor of English **Jesse Alemán** for the documentary, *Secret Soldiers: Women in the Civil War*, to be aired in March 2007.

Editor of the sensationalistic memoirs of Loreta Janeta Velazquez, a Cuban woman who cross-dressed to fight as a Confederate soldier in the Civil War, Alemán and his research will also be featured in a second documentary, *Rebel*, in production with Iguana Films, with PBS funding.

Jean-Claude Diels, professor of physics and astronomy, was selected to deliver the University's 51st Annual Research Lecture, the highest honor UNM bestows on its faculty. Diels, who joined UNM in 1986, was selected due to his prominence in the ultrafast optics field and his contribution to the fields of physics and engineering. Diels was also the 2006 recipient of the Optical Society of America's Engineering Excellence Award, given in recognition of his contributions to high-precision measurements by new phase interferometry, which have had a profound impact on optics.



Earth and Planetary Sciences professor Yemane Asmerom consults with an "expert," his daughter, Stella, on MC-ICPM.

Professor **Yemane Asmerom** has completed a nearly \$1 million addition to the Department of Earth and Planetary Science's Radiogenic Isotope Laboratory, making it one of the finest facilities of its kind in the country. New instrumentation, purchased with funds from the National Science Foundation, includes a double-focusing multicollector, an inductively coupled plasma mass spectrometer (MC-ICPMS) for high-precision isotope analysis of nearly all the elements in the periodic table, and a quadruple inductively coupled plasma mass spectrometer (Q-ICPMS) for elemental analysis. The new instrumentation will enhance existing research in climate change, geodynamics and solar system history. In addition, they open new possibilities for collaborative research in such diverse areas as biomedical and material sciences.

Susanne Baackman, associate professor of German studies in the Department of Foreign Languages and Literatures, has been awarded a prestigious senior guest professorship at Humboldt University in Berlin. The Rudolf Arnheim Professorship goes to scholars with international reputations and major publications related to the visual arts. Baackman will use the professorship to complete her book on Germany's ongoing search for a post-Berlin Wall unified identity. Baackman is also director of UNM's total immersion **German Summer School** in the Taos Ski Valley, which was recently featured in *German Life* magazine.

History professor **Virginia Scharff** is the newly elected president of the Western History Association, the leading scholarly organization focused on the American West.

Associate Professor **Michael J. Nakamaye** from the Mathematics and Statistics Department was the recipient of UNM's 2006-08 Presidential Teaching Fellow Award. Funded by former UNM Regent Cyrene Mapel, the award honors the University's most outstanding teachers. Recently appointed undergraduate department chair, Nakamaye was also named teacher of the year at Harvard University in 1999.

Earth and Planetary Sciences Professor **John W. Geissman** was one of 45 new fellows elected to the American Geophysical Union, an honor marking members who have attained acknowledged eminence in the Earth and space sciences. At UNM since 1984, Geissman is widely recognized for his work in the application of paleomagnetism to geologic problems.

The Department of Foreign Languages and Literatures has worked with the Institute of International Education's Foreign Language Teaching Assistant Program to bring two **international Fulbright graduate students** to campus this year to assist in the teaching of two federally designated critical languages, Russian and Arabic.

In Memoriam

Judy C. Bills died in August at the age of 64, after a seven-year battle with chronic lymphocytic leukemia. A woman of keen intelligence and curiosity, Judy held a doctorate in linguistics from University of Texas at Austin, where she met her husband, Garland D. Bills, former chair of UNM's Department of Linguistics. After raising their daughter, Bonnie, Judy earned a computer science degree at UNM and embarked on a long and satisfying career as a programmer. Remembered as a friend and supporter of the faculty, staff and students of the linguistics department, Judy joined Garland in 1997 in establishing the **Robert Young scholarship award in linguistics**.

Marjorie Bell Chambers, distinguished College alumna, died in August at the age of 83. Nationally recognized as an advocate for women in higher education, Chambers served four presidents, nine New Mexico governors and numerous educational institutions and nonprofits in various leadership roles. In 2003, Chambers was recognized with both a Governor's Award for Outstanding Women and a lifetime achievement award from the New Mexico Commission on the Status of Women. In addition to

raising four children, Chambers earned a doctorate in history from UNM in 1974, and went on to serve as the first woman president of Colorado Women's College, as well as interim president of Colby Sawyer College in New Hampshire. She served the state as appointee to the New Mexico Commission on Higher Education and the New Mexico Endowment for the Humanities, and was esteemed across the University of New Mexico system as speaker, teacher and advocate.

Ferrel Heady, the 10th president of the University of New Mexico, died in August at the age of 90. Heady took office July 1, 1968, at the heart of the turbulent times marked by student demonstrations for freedom of speech and against the Vietnam War, serving as president until 1975. Among his accomplishments as president were the opening of UNM's first branch campus at Gallup and a building boom that included construction of Ferris Engineering Center and University Stadium, as well as the initial sites for the Institute of Social Research and the Anderson Schools of Management. Inaugurated on Heady's watch were the Bachelor of University Studies, the Cancer

Research Center, the College Enrichment Program, and ethnic study centers for Chicano, Afro-American and Native American students. After serving as UNM president, Heady was a professor of political science and public administration until 1981, when he became professor emeritus in UNM's School of Public Administration, which he founded.

Robert Santley, professor of anthropology, died in his sleep in March after a series of illnesses. He was 58. Publishing until the very last, he was an extraordinarily prolific and important scholar of Mesoamerican complex societies. Large-scale settlement surveys and mapping were among his fortes, but ceramic and especially lithic analyses were specialties as well. His publication, *The Prehistory of the Tuxtlas*, is in production with the University of New Mexico Press. Santley also served the UNM-based *Journal of Anthropological Research* as book review editor, reviewer and board member for many years. At UNM since 1978, Santley left a legacy of prestigious publications and former students who became his valued colleagues, collaborators and friends.

For More Information

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Many thanks to Matt Suhre, whose photograph of former associate dean for research, Rob Duncan, on our spring cover inadvertently went uncredited.

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MAXWELL MUSEUM OF ANTHROPOLOGY EXHIBITS

EL RIO, through December 2006

El Rio is a Smithsonian bioregional exhibition highlighting traditional cultures and their relationship with the environment in the entire Rio Grande/Rio Bravo watershed. The exhibit focuses on traditional knowledge, cultural identity and sustainable development.

Celebrate El Río! events on campus:
Nov. 13, 11 a.m. - 2 p.m. Visit the exhibit and enjoy our monthly **Ethnic Lunch** (\$5).
Nov. 18, 11 a.m.-2 p.m.
Somos Familia/We're All Family: Piñatas, Adobes and Music!
Free activities for everyone.

Opening Dec. 2, 2006 **BEYOND BORDERS: An International Archaeological Program in the Casas Grandes Region of Mexico**

The Maxwell Museum is open to the public and admission is free. For more information on exhibits, events or hours of operation, please call (505) 277-4405 or visit www.unm.edu/~maxwell/.

Please visit the College of Arts and Sciences Web site for listings of current A&S events, lectures and exhibits: www.unm.edu/~artsci/. We look forward to seeing you on campus!

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