Inside Oregon

FOR THE UNIVERSITY OF OREGON COMMUNITY

March 16, 2007

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<u>Transforming Lives</u>, 20 of the UO's best faculty are being recognized for their excellence, UO Senior Vice President and Provost Linda Brady announced Feb. 5.

Full story »

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Full story »

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reduces cost and load at central server machines.

Full story »

UO geography professor has role in major climate-modeling project

University of Oregon geography professor Patrick J. Bartlein has a role in the newly launched Project PALEOVAR, funded by the National Science Foundation and headquartered at Oregon State University.

Full story »

SPUR director helps judge student work at national conference for minorities

Peter O'Day, an associate professor of biology at the University of Oregon, was among 220 scientists from around the country who volunteered their time and energy in judging 1,048 poster presentations and 72 oral presentations during the 2006 Annual Biomedical Research Conference for Minority Students (ABRCMS) Nov. 8-11 in Anaheim, Calif.

Full story »

Oregon scientists, students attend record-breaking AGU fall meeting

The The University of Oregon was well represented at the annual fall meeting of the American Geophysical Union Dec. 11-15 in San Francisco. Katharine Cashman, Paul Wallace and Ilya N. Bindeman, all from the department of geological sciences, presided over sessions involving their areas of research, all of which involve volcanic activities. Numerous graduate students also attended to display poster exhibits of their research on a variety of topics, some of which will be published in academic journals.

Full story »

Symposium offered on computers in teaching and learning in higher education

University of Oregon faculty members and GTFs are encouraged to preregister early for a free symposium on the instructional uses of information and communications technology (ICT). The symposium will be held Friday, April 27, from 8:30 a.m. to 3 p.m. in the Browsing Room of Knight Library.

Full story »

Clifford Lynch to speak on IT and

academic research

Clifford Lynch, a leading authority on current and future trends in the use of information technology, will speak on the intersections of IT, academic research, and libraries on Monday, April 9, from 8:30 a.m. to 9:50 a.m. in 182 Lillis.

Full story »

Incoming fall honor students attend invitation-only visit to campus

Despite the wintry weather, some 40 high school seniors from eight states were on campus Jan. 12, accepting invitations to meet with campus administrators and faculty in advance of their fall entry to the University of Oregon.

Full story »

It's Our Oregon: volunteer opportunity



UO volunteers are gearing up for "It's Our Oregon," and they are calling on their colleagues to help with this annual

fundraising effort. From April 16 through May 11,

faculty and staff members will celebrate the financial contributions that UO employees make to the university and once again will call upon employees to give to the programs of their choice.

Full story »			
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Thanks to new gifts to <u>Campaign Oregon:</u>
<u>Transforming Lives</u>, 20 of the UO's best faculty are being recognized for their excellence, UO Senior Vice President and Provost Linda Brady announced Feb. 5.

Brady congratulated the first recipients of awards from the Fund for Faculty Excellence, which was established in October with an initial gift from an anonymous donor of \$5.2 million and was recently doubled to \$10.4 million with another anonymous gift. The gifts were contributions to Campaign Oregon: Transforming Lives, which has raised \$492 million in private gifts toward a goal of \$600 million for the university.

"The Fund for Faculty Excellence is designed to support the University of Oregon's strategic

commitment to improve its overall academic quality and reputation by recruiting, supporting, recognizing and retaining world-class faculty," Brady said. "This fund is designed to provide salary adjustments and other support to faculty deemed vulnerable to recruitment by other top institutions. It will enable us to be proactive in our retention efforts."

The faculty members receiving the awards are "on the cutting edge of research in their disciplines and emerging areas of interdisciplinary research in fields such as nanoscience, environmental sustainability and conflict resolution," she said. "Their national and international reputations draw the best students who are seeking opportunities to study and work with outstanding teachers and mentors."

"I am profoundly grateful to our many donors who recognize that recruiting and retaining extraordinary faculty members is the key to sustaining and improving the university's overall academic quality," said UO President Dave Frohnmayer.

"The overarching goal of Campaign Oregon is to generate investment capital directed at sustaining and further enhancing academic quality," said UO Vice President for Advancement Allan Price. "We have already raised in excess of \$50 million in new endowment to support excellent faculty at UO. This new Fund for Faculty Excellence is a wonderful example of how philanthropy can transform the university by helping to recognize and reward excellent faculty."

Fourteen of the 20 recipients are from the College of Arts and Sciences: Carlos Aguirre, history; Dare Baldwin, psychology; Alice Barkan, biology; Bryna Goodman, history; Susan Guion,

linguistics; Michael Haley, chemistry; James Hutchison, chemistry; Alexander Kleshchev, mathematics; Massimo Lollini, Romance languages; W. Andrew Marcus, geography; Christopher Minson, human physiology; Jeffrey Ostler, history; Patrick Phillips, biology; and Regina Psaki, Romance languages.

Four recipients are from the School of Architecture and Allied Arts: Douglas Blandy, arts administration; Kenneth Helphand, landscape architecture; Jeffrey Hurwit, art history; and Alison Kwok, architecture.

Recipient Michael Moffitt is from the School of Law, and recipient Milagro Vargas is a voice professor in the School of Music and Dance (see below for brief bios on all the recipients).

Recipients say the awards will definitely help keep top faculty members from defecting for higher salaries. But the recognition from their colleagues and administrators is even more important. "Recognizing the efforts of faculty builds loyalty," said Susan Guion, associate professor of linguistics.

"I feel very honored, gratified and flattered," said Jeffrey Hurwit, a professor of art history who will use part of his award for travel to support his research on Greek art and architecture. "It's a great feeling to be recognized by one's peers and by the administration for a long career that's not over yet."

About 50 candidates for the awards were nominated by department heads and deans. The recipients were chosen by the provost based on recommendations by a group of distinguished faculty members. The salary supplements are for five years and are renewable. Brady said she

hopes eventually to make the supplements permanent. She and Price hope to grow the Faculty Excellence Fund to \$40 or \$50 million and to make new awards each year.

Research support and salary supplements range from \$6,000 to \$15,000 a year. The salary supplements help close a salary gap between University of Oregon faculty members and professors at peer institutions, Brady said. "University of Oregon salaries across disciplines and faculty ranks are at 86 percent of our peers, based on 2005-06 data on average faculty salaries at our Association of American Universities public sector peers. The most significant gaps are at the rank of professor, generally the most senior, accomplished, and nationally and internationally recognized faculty at the University of Oregon.

Fourteen of the 20 recipients hold the rank of professor and five are associate professors.

Of the \$492 million raised so far by Campaign of Oregon, \$53 million is for faculty support, including awards, fellowships, endowed chairs and professorships and research support. During the campaign, 30 new endowed chairs and professorships have been established with gifts from donors.

University of Oregon Faculty Excellence Awards Academic Year 2006/07 Recipient bios

Carlos A. Aguirre, Associate Professor of History

Carlos Aguirre is a scholar of modern Latin America with an established and rapidly growing national and international reputation. He has recently published a third book, "The Criminals of

Lima and Their Worlds: The Prison Experience," expanding his work on criminality and imprisonment in Latin America. Aguirre's research is supported by a Guggenheim Foundation Fellowship and an American Historical Association Littleton-Griswold Grant. He also has received University of Oregon grants on behalf of Latin American Studies, a community of teachers and researchers in which he is a central figure. Aguirre has won the UO's Ersted Award for Distinguished Teaching. He serves the university on the Wayne Morse Center Advisory Board, the Savage Endowment for International Relations and Peace Committee, as director of the Latin American Studies Program and in many other capacities. He has been on the UO faculty since 1996.

Dare Baldwin, Professor of Psychology

Dare Baldwin's research concerns language and cognitive development in infancy and early childhood. Her primary interests are the mechanisms by which infants and young children acquire knowledge to guide future learning and action. Baldwin's research draws together several subfields of psychology and has important consequences for understanding how humans make sense of action. Her research bridges cognitive and developmental psychology, and she is spearheading a group of researchers interested in autism. Baldwin was recently appointed a fellow of the American Psychological Society, and her research is currently supported by a National Science Foundation grant. Baldwin's standing in the field is clearly indicated by her recent receipt of a Guggenheim Fellowship and a Cattell Sabbatical Fellowship. She has been at the UO since 1993.

Alice Barkan, Professor of Biology

Alice Barkan is an internationally recognized leader in the field of chloroplast biology. Barkan employs powerful genetic and molecular methods for her studies, using maize as a model. Her research has been supported by the National Science Foundation, the U.S. Department of Agriculture, and the U.S.-Israel Binational Agricultural Research and Development Fund. Over the past seven years, Barkan has published in prominent scientific journals that reach a broad audience, and her collaborations involve both international researchers and plant biotechnology corporations. In addition to her scientific contributions, Barkan also has worked extensively in the department of biology's graduate education program. She has served on the Graduate Affairs Committee for many years, and is now associate director of the Institute of Molecular Biology. An outstanding teacher, she received the Department of Biology Teacher of the Year Award in 2001. She has been on the UO faculty since 1991.

Douglas Blandy, Professor of Arts Administration

Douglas Blandy, a nationally regarded teacher and scholar in art education and arts administration, has written on cultural issues that bridge art theory, contemporary art practice, and community arts action. His books include "Histories of Community-Based Art Education"; "Remembering Others: Making Invisible Histories of Art Education Visible" with P. Bolin; and "Pluralistic Approaches to Art Criticism" and "Art in a Democracy," both co-edited with K. Congdon. He has received the most prominent publishing award in his field, the Manual Barkan Award from the National Art Education Association. Professor Blandy is associate dean of academic affairs for

the UO School of Architecture and Allied Arts and director of the Institute for Community Arts Studies. As director of the institute, he inaugurated the on-line advisory "CultureWork." Blandy has held leadership posts with the National Art Education Association and the U.S. Society for Education through Art. Blandy has served on the UO faculty since 1987.

Bryna Goodman, Professor of History

Bryna Goodman is a distinguished scholar of modern China whose work on regional networks and identities in Shanghai has been recognized by experts in China, who translated and published her book, "Native Place, City and Nation: Regional Networks and Identities in Shanghai, 1853-1937." Goodman's work concerns urban China in the late 19th and early 20th centuries, and she has published extensively on female suicide, the emergence of newspapers, and the problems encountered by professional women under the changing social conditions of modernity. She has received grants from the National Endowment for the Humanities, the Freeman Foundation, and the Ford Foundation, and holds the important and demanding position of modern China editor for the Journal of Asian Studies. Goodman and her students play an important and visible role in the university's new China Flagship Program. Goodman has been on the UO faculty since 1991.

Susan G. Guion, Associate Professor of Linguistics

Susan Guion is a leading scholar of linguistics in her subfield of experimental and cognitive phonetics. Guion's work on second language acquisition, which has appeared in many top journals, has been recognized by grants from the U.S. Department of Education and the Korea Research Foundation, and she collaborates locally, nationally, and internationally on a wealth of research projects. Recognized as a fine teacher, Guion is the only faculty member in the linguistics department who works extensively with students from both the theoretical linguistics program and the language teaching specialization master's program. She manages most of the undergraduates in the second language acquisition and teaching program, which involves substantial mentoring and organization, and represents the department in a joint program between Hanyang University, Korea, and the UO. She has been on the UO faculty since 1999.

Michael M. Haley, Professor of Chemistry

Michael Haley's research involves the exploration of important non-natural aromatic systems; his research group utilizes current synthetic methodology for the preparation of novel organic materials and compounds of theoretical interest. Haley's research has been supported by the National Science Foundation and the American Chemical Society. His teaching and research are a critically important key in the Department of Chemistry's instructional and research program. Haley has worked with others to develop organic chemistry as a gateway course into the major and health-related science careers and is a winner of the UO's Thomas F. Herman Faculty Achievement Award for Distinguished Teaching. He has been on the UO faculty since 1993.

Kenneth Helphand, Professor of Landscape Architecture

Kenneth Helphand was honored with the UO's Thomas F. Herman Faculty Achievement Award for Distinguished Teaching and has been

recognized as a fellow by the American Society of Landscape Architects. A member in the department of landscape architecture, Helphand has been an invited lecturer at institutions around the globe and is considered among the elite worldwide in the area of landscape history and theory. His most recent book, "Defiant Gardens: Making Gardens in Wartime" (2006), has attracted international recognition including the honor of Book of the Year from the United Kingdom's New Statesman. Other publications include "Landscape Architecture and the Making of Modern Israel," "Yard Street Park: The Design of Suburban Open Space" with C. Girling, and "Colorado: Visions of an American Landscape." His honors include the American Society of Landscape Architects Merit Award for Research and Communications, a Graham Foundation Grant, and the Council of Educators in Landscape Architecture Award of Distinction for Excellence in Teaching. Helphand has been on the UO faculty since 1974.

Jeffrey Hurwit, Professor of Art History

Jeffrey Hurwit has published major books on Greek art, architecture and archaeology, providing an essential foundation for art history scholarship. He is one of the leading scholars of the archaic and classical periods in Greek art and has appeared in major documentary films and lectures at the world's leading universities, museums, and archaeological institutes. "Periklean Athens and its Legacy: Problems and Perspectives," co-edited with J. Barringer (2005), "The Acropolis in the Age of Pericles," (2004), along with his earlier books and writings have contributed new work to the field of ancient art history. Hurwit is a member of the department of art history with a co-appointment in the department of classics. Among other distinctions,

he was been the inaugural 2003 Dorothy Burr Thompson Memorial Lecturer, University of British Columbia, and held the 2000-01 Martha S. Joukowsky Lectureship, Archaeological Institute of America. Hurwit received the UO's Wayne T. Westling Award for University Leadership and Service. He has been on the UO faculty since 1980.

James E. Hutchison, Professor of Chemistry

Jim Hutchison works on surface-based supramolecular chemistry, nanoscience, and sustainable chemical practices. His research has been supported by the National Science Foundation and the Air Force Research Laboratory. Hutchison co-authored the first laboratory textbook on green Chemistry, "Green Organic Chemistry: Strategies, Tools and LaboratoryExperiments." He was named Oregon Academy of Science Outstanding Teacher of Science and Mathematics in Higher Education in 2003. His work on the instructional aspects of green organic chemistry has made him a nationally known leader in curriculum development, and he is an important leader in the emerging area of nanoscience. He has been on the UO faculty since 1994.

Alexander S. Kleshchev, Professor of Mathematics

Alexander Kleshchev works on algebraic representation theory. In just the past two years he has produced two books, "Linear and Projective Representations of Symmetric Groups," published by Cambridge University Press, and the co-authored "Representations of Shifted Yangians," through Memoirs of the American Mathematical Society. He has also co-written three important papers, including a 60-page

paper in Advances in Mathematics. Kleshchev recently became the algebra editor for Transactions of the American Mathematical Society. He has received several National Science Foundation grants and is consistently ranked among the top teachers in the department. He has been on the UO faculty since 1995.

Alison Kwok, Professor of Architecture

Alison Kwok is a recognized leader in sustainable design education. Her recent book, with W. Grondzik, "The Green Studio Handbook" (2007), develops guidelines for applying environmental strategies during the schematic design phase of green buildings. Kwok has been president of the Society of Building Science Educators and was elected to the executive committee of the national Architectural Research Centers Consortium (ARCC). She is the organizer of the ARCC research conference, "Green Challenges in Research, Practice, and Design Education," which will be held in Eugene April 16–18, 2007. Kwok holds a joint appointment in the department of architecture and the Center for Housing Innovation. She is a registered architect with research interests in design for the tropics, thermal comfort, passive cooling, building performance, and curriculum development. Her pioneering work with the "Agents of Change Project," is supported by the U.S. Department of Education Fund for the Improvement of Post Secondary Education. Kwok has been a member of the UO faculty since 1998.

Massimo Lollini, Professor of Romance Languages

The scope of Massimo Lollini's work is broad, ranging from the 18th century philosopher Giambattista Vico through contemporary

testimonial literature. He is the author of two monographs, including the well-reviewed "II vuoto della forma," and "Scriturra, testimonianza, e verità" (Genova: Maarietti 1820, 2001), for which he received the American Association for Italian Studies Book Award. He has co-edited five volumes, including the 2006 "Reason and Its Others: Italy, Spain and the New World (Vanderbilt University Press) and "Reading and Writing the Mediterranean Essays" by Vincenzo Consolo (Toronto University Press). Lollini is currently at work on a book manuscript titled "Europe and the Autobiography of a Survivor: An essay on the European Idea of Autobiography." He has received the UO Thomas F. Herman Faculty Achievement Award for Distinguished Teaching and has been named to a second term as Hatzantonis Distinguished Fellow in Italian; he also received the UO Norman H. Brown Faculty Fellowship Award in Arts and Sciences. Lollini has been on the UO faculty since 1992.

W. Andrew Marcus, Professor of Geography

W. Andrew Marcus works on disturbance impacts on the hydrology, geomorphology and riparian vegetation of streams and on methods for documenting and modeling those impacts. Much of this work has been supported by grants from the National Science Foundation, the U.S. Environmental Protection Agency and the Yellowstone Park Foundation. Marcus was awarded the G.K. Gilbert Award for best research paper by the Geomorphology Specialty Group of the American Association of Geographers in 2005. An excellent teacher, Marcus also has been a leader on campus and has an outstanding record of service to the university community, including serving as president of the University Senate in 2004-05. In fall term, 2006, he organized an international conference about human impacts on

fluvial systems in the Binghamton Symposium Series, the longest running geomorphology conference series. Marcus has been a UO faculty member since 2001.

Christopher Minson, Associate Professor of Human Physiology

Chris Minson investigates the neural and vascular interactions in the skin during environmental heat stress. This work has been supported by grants from the National Institutes of Health. With support from the American Heart Association, Minson also is investigating how estrogen and progesterone impact blood pressure regulation in young women, with the goal of determining why young women are more susceptible to fainting than men. He received young investigator awards from the American Physiological Society in 2000 and the American College of Sports Medicine in 2002. Minson serves as vice president of the board of directors for the International Institute for Sport and Human Performance and as a reviewer for numerous journals, including the Journal of Applied Physiology, the American Journal of Physiology, Circulation, Medicine and Science in Sports and Exercise, and the Journal of Physiology. An excellent teacher, Minson has mentored students who have taken academic and post-doctoral training positions at some of the finest institutions in the country. He has been on the UO faculty since 2000.

Michael Moffitt, Associate Professor of Law

Michael Moffitt is one of the nation's leading dispute resolution experts. He has produced a number of path-breaking works on mediation and negotiation, including the award-winning "Handbook of Dispute Resolution." A former teacher at Harvard Law School and The Ohio

State University College of Law, Moffitt joined the UO faculty in 2001 and has been awarded the university's Ersted Award and the law school's Orlando J. Hollis Faculty Teaching Award. He serves as associate director of the law school's Appropriate Dispute Resolution Center. He also resolves disputes throughout Oregon and the nation. His clients have ranged from senior judges to tribal leaders, from unionized prison guards to corporate executives, from national political leaders to diplomatic academy trainees. He serves as chair of the Association of American Law Schools' section on dispute resolution. He has been a UO faculty member since 2001.

Jeffrey Ostler, Professor of History

Jeff Ostler works on Native American history and has published widely on 19th century political history, especially in the area of agrarian radicalism. His research has been supported by the National Endowment for the Humanities and the Oregon Humanities Center. Ostler's 2004 book, "The Plains Sioux and U.S. Colonialism from Lewis and Clark to Wounded Knee," won the Caughley Western History Association prize for the best book of 2004 in western U.S. History. A College of Arts and Sciences Bray Faculty Fellow in 2004, Ostler served as department head in history from 2003-06 and is an active member of the ethnic studies executive committee. He has been on the UO faculty since 1990.

Patrick C. Phillips, Professor of Biology

Patrick Phillips works on empirical and theoretical studies of evolutionary genetics, ecology and behavior. This research was recognized with a Guggenheim Fellowship this year and also has been supported by the National Science Foundation. A member of the Center for Ecology

and Evolutionary Biology, Phillips has this year alone authored or jointly authored ten articles for prestigious journals such as Evolution and the Proceedings of the Royal Society. Phillips is widely recognized as an expert in the evolution of genetic architecture, and he is chair of the 2007 Gordon Conference on Quantitative Genetics and Genomics. In 2006, he was co-organizer of a European Molecular Biology Organization (EMBO) workshop on the evolutionary biology of C. elegans, the nematode species that is a model organism for both biomedical and evolutionary research. At the UO, Phillips has been a leader in collaborative projects that involved co-advising graduate students and played a lead role in securing and maintaining the Integrative Graduate Education and Research Training (IGERT) in evolution, development, and genomics. Phillips has been a UO faculty member since 2000.

F. Regina Psaki, Professor of Romance Languages

Regina Psaki works on Italian and French literature of the Middle Ages, with a focus on translation and feminist theory. She has published widely, including an edited collection of essays, "The Earthly Paradise: The Garden of Eden from Antiquity to Modernity," a co-edited collection, "Boccaccio and Feminist Criticism," an edited special volume of the journal Arthuriana, and, most significantly, the introduction and translation of the central early Arthurian narrative, "Tristano Riccardiano." This work is a significant addition to medieval scholarship and the third work of translation by Psaki. She has received numerous grants and awards in support of her research, including two UO Humanities Center Fellowships, a UO Summer Research Grant, The Sherl K. Coleman and Margaret E.

Guitteau Professorship in the Humanities, and the William and Susan Piché Award in Arts and Sciences. Excelling as a teacher, Psaki has received the Thomas F. Herman Faculty Achievement Award for Distinguished Teaching, a Williams Council Faculty Award, and an Oregon Humanities Center Teaching Fellowship. Psaki has been on the UO faculty since 1989.

Milagro Vargas, Associate Professor of Voice

One of the leading mezzo-sopranos of her generation, Milagro Vargas received her training from the Oberlin College Conservatory and the Eastman School of Music. She was a soloist with the Stuttgart Opera from 1983-1992 and has sung roles with Opera de Paris Bastille, Berlin Komische Oper, and Heidelberg Schlossfest. As a soloist, Vargas has appeared with the American Composer's Orchestra in Carnegie Hall, the Philadelphia Orchestra, Houston Symphony, Beethoven Halle Orchestra, Residentie Orkest (the Hague), Staatsorchester Stuttgart, Orpheus Chamber Orchestra, Oregon Symphony, Honolulu Symphony and the Saint Luke's Chamber Orchestra. She has also performed in chamber music sett Aspen, Colo., plus Chamber Music Northwest in Portland, and in New York with concerts at Merkin Hall, the 92nd Street Y and Lincoln Center. She was a soloist for the world premier of Penderecki's "Credo" at the Oregon Bach Festival (Grammy-winning Hånssler recording) and can be heard on other recordings on the following labels: Harmonia Mundi, Teldec, CBS/Sony, and RM Arts. A frequently soughtafter voice teacher at UO, her recent students have been Metropolitan Opera Regional Competition winners and full scholarship recipients to the Eastman School of Music and the New England Conservatory of Music. Vargas

joined the UO faculty in 1992.					
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Transforming Lives

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Only with gifts from friends and alumni can we preserve excellence at the University of Oregon. Our \$600 million fundraising campaign will help the University of Oregon attract top students and professors, maintain premier facilities and continue groundbreaking research.

The future is our choice. We choose distinction.



Hard hats and shovels replaced top hats and canes at groundbreaking ceremonies for the MarAbel B. Frohnmayer Music Building.

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<u>Transforming Lives</u> from private donors to benefit University of Oregon students, faculty members, academic programs and facilities:

Jeld-Wen, Inc.—\$125,000 to the Center for Sustainable Supply Chain Management in the Lundquist College of Business.

Alice C. Tyler Perpetual Trust—A grant of \$400,000 for the Integrated Science Complex.

Estate of Margaret Guitteau—\$50,000 to the Robert and Margaret Guitteau Scholarship Endowment in the School of Music and Dance.

Terri and Jon Anderson—\$100,000 for the UO Alumni Center and \$35,000 for the Track and Field Facilities Fund.

Tom and Kristine Bowerman—\$25,000 to the Environmental and Natural Resources Law Center.

Maude Reed Caldwell—\$25,000 to the William

G. Loy Memorial Scholarship Endowment.

Chambers Family Foundation—\$75,000 to the UO Law and Entrepreneurship Center in the School of Law and \$75,000 to the Electronic Media Center in the School of Journalism and Communication.

The Ann and Mark Edlen Family—\$100,000 to the Mark and Ann Edlen Scholarship.

Ruth Meyers—\$59,000 to the School of Architecture and Allied Arts.

Barbara and Carl Mosen—\$50,000 to the Gretchen Starr Scholarship in the School of Journalism and Communication.

Franklin Stahl—\$50,000 to the Institute of Molecular Biology.

Robert Woodruff—\$500,000 to the Diana May Woodruff Scholarship Endowment Fund in Sociology.

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Computing Research Association honors Cuny



Janice E. Cuny, a professor of computer and information science, has received the 2007 A. Nico Habermann Award from the Computing Research Association (CRA).

Cuny, who joined the University of Oregon faculty in 1993, currently is serving as a program director for the National Science Foundation's Directorate for Computer & Information Science & Engineering. She also directs the Broadening Participation in Computing Program at the NSF.

The CRA announcement said Cuny was chosen for the award "for her dedication, effectiveness, national scope, breadth of impact, vision, and leadership in broadening the participation of all underrepresented groups in computing." She also was called "a prime mover" within CRA-Women, particularly in its programs involving women students, and for her co-authorship of "Best Practices in the Recruitment and Retention of Women Graduate Students in Computer Science and Engineering." She also was a co-organizer of the earliest CRA committees that focused on diversity in computing.

Cuny received a bachelor's degree in 1973 from Princeton University, a master's degree in 1974 from the University of Wisconsin and a doctorate in 1981 from the University of Michigan. Her research pursuits include computational science and domain-specific environments for high-performance computing.

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Project aims to blend entrepreneurial spirit with new secure data-share system

Work has begun in the University of Oregon Network
Security Research Laboratory on a newly designed security
protocol for a new file-sharing paradigm that will advance
both security and participation. The new approach not only
lets everyone obtain a data file from central servers, it also
allows for secure retrieval from anyone who has the file. This
reduces cost and load at central server machines.

Jun Li, a professor of computer and information science, and two graduate students are working with funding provided by the Office of the Vice President for Research. Their goal is to implement mSSL (pronounced the same as "missile")— designed by Li and covered under a UO trademark—so that it can easily be used for real-world applications. They plan to demonstrate the power of mSSL through a video streaming application.

Master's students Wayne Manselle, who will graduate in June, and Benoit Havret, an exchange student from France, will work with Li on the project. The fundamental goal is to

secure file sharing between people while securely providing incentives for them to share, Li said.

"The current password-based, log-on process does not guarantee your data from somebody to be integral, i.e. to make sure it is the same file as you would get from a central server," Li said "This is why we need mSSL's data-integrity mechanism. No secure mechanisms now in place encourage everyone not only to get, but also to give. This is why we need mSSL's proof-of-service mechanism."

A team of business and law students called hyPeer Solutions in the 2006 Technology Entrepreneurship Program of the Center for Entrepreneurship is looking forward to seeing the outcome of this endeavor. They are seeking "a new distribution and sales channel for independent filmmakers to realize their fullest potential," exactly the type of project an mSSL-based technology could assist.

If successful, the student team and computer scientists will have taken a big step toward building and deploying a new secure file-sharing paradigm, said Don Gerhart, director of the Office of Technology Transfer.

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UO geography professor has role in major climatemodeling project

University of Oregon geography professor Patrick J. Bartlein has a role in the newly launched Project PALEOVAR, funded by the National Science Foundation and headquartered at Oregon State University.

Project PALEOVAR is a coordinated approach to understanding the interaction between short-term variability and climate conditions over the past 50,000 years. Participating researchers will consider climate variability from numerous land and oceanic factors, which will be combined for the first time, to project possible climate changes in response to global warming. Paleoclimatic data give researchers expanded information on climate variability beyond the range of human impact in recent years.

Bartlein and his colleagues and students have been studying the controls of regional changes that have accompanied ancient global climate changes – in particular, those occurring between the last ice age and the present. The research involves both syntheses of paleoclimatic records and simulations using the same climate models being used to project future climate changes.

Comparing such simulations helps researchers explain how climate varies and also provides a way of evaluating how well the climate models work. In recent years, Bartlein has extended his research to study the interplay of vegetation and fire events of the Pacific Northwest over the last 12,000 years.

In addition to Bartlein, project PALEOVAR involves several researchers from OSU and the University of Minnesota. Under the project's NSF grant of \$3 million over five years, Bartlein received \$439,000.

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March 16, 2007

SPUR director helps judge student work at national conference for minorities

Peter O'Day, an associate professor of biology at the University of Oregon, was among 220 scientists from around the country who volunteered their time and energy in judging 1,048 poster presentations and 72 oral presentations during the 2006 Annual Biomedical Research Conference for Minority Students (ABRCMS) Nov. 8-11 in Anaheim, Calif.

ABRCMS is the largest professional conference for biomedical and behavioral students. More than 2,500 people attended the 2006 conference, including 1,633 students. The conference is designed to encourage underrepresented minority students to pursue advanced training in the biomedical and behavioral sciences and provide faculty mentors and advisors with resources for facilitating students' success.

O'Day, who also is director of the UO's <u>Summer</u> <u>Program for Undergraduate Research (SPUR)</u> in the Life Sciences, served an important role at the conference: judges provide constructive feedback

to students to help enhance their professional development and advance their scientific research.

ABRCMS is supported by a grant from the National Institute of General Medical Sciences (NIGMS) and managed by the American Society for Microbiology (ASM).

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Oregon scientists, students attend record-breaking AGU fall meeting

The The University of Oregon was well represented at the annual fall meeting of the American Geophysical Union Dec. 11-15 in San Francisco. Katharine Cashman, Paul Wallace and Ilya N. Bindeman, all from the department of geological sciences, presided over sessions involving their areas of research, all of which involve volcanic activities. Numerous graduate students also attended to display poster exhibits of their research on a variety of topics, some of which will be published in academic journals.

The AGU meeting was the largest ever, drawing more than 12,000 scientists from around the world and 200-plus journalists. Among the guest speakers was former Vice President Al Gore, who spoke on global warming. He urged scientists to not shy away from promoting their important findings and to speak out "in ways that arouse appropriate alarm that can motivate changes in behavior." The nation's political policies can benefit from their expertise, he said.

In professional talks, attendees heard that North Pole sea ice is melting more rapidly than previously documented and that ice-free September conditions are possible at the North Pole by 2040. Meanwhile, scientists detailed evidence of a mile-high mountain range and large lakes containing what may be a tar-like liquid or solid on Saturn's moon Titan, and they released never-before-seen imagery and data gathered from Mars by rovers on the ground and cameras mounted on orbiters. Another team of scientists reported updated projections involving "nuclearwinter" scenarios of the 1980s, saying that a regional nuclear war today, such as between Pakistan and India, would kill millions of people and trigger worldwide cooling that would dramatically curtail agriculture.

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March 16, 2007

Symposium offered on computers in teaching and learning in higher education

University of Oregon faculty members and GTFs are encouraged to preregister early for a free symposium on the instructional uses of information and communications technology (ICT). The symposium will be held Friday, April 27, from 8:30 a.m. to 3 p.m. in the Browsing Room of Knight Library.

Fourteen campus leaders who are deeply involved in the use of ICT on campus will talk about educational technologies used in their specific disciplines and offer theirviews on how ICT might be used on campus in the future.

Panelists, speakers and their topics include:

- Tim Gleason, Edwin L. Artzt dean, School of Journalism and Communication; chair, UO Ed Tech Committee, 2006-7
- David Moursund, emeritus professor,
 College of Education, keynote speaker:
 "Uses of computers in course content,
 teaching, and learning"

- Tom Bivins, School of Journalism and Communication: "Expanding the online communication environment"
- Nancy Cheng, School of Architecture and Allied Arts: "Tracing ideas with digital sketching"
- Andre Chinn, School of Journalism and Communication: "Content management software in the classroom"
- Lori Hager, School of Architecture and Allied Arts: "E-portfolios are useful to all students"
- Robin High, Information Services: "21stcentury statistics: We've never done it that way before!"
- Mark Horney, College of Education, "del.icio. us tools for co-constructed web resource lists"
- Greg Bothun, Department of Physics: "The laptop classroom reporting system"
- Deborah Exton, Department of Chemistry: "Clickers in large classes"
- Bill Harbaugh, Department of Economics: "Playing games on Pocket PCs to teach game theory"
- Greg Landweber, Department of Mathematics: "Using the web to teach matrix computations"
- Jeff Magoto, Yamada Language Center: "Building a national virtual language lab: What's involved?"
- Patricia McDowell, Department of Geography: "Geospatial tools for learning in the social and natural sciences"

The session is free and open to all members of the educational community, but advance registration is required. To register, send an email to jqj@uoregon.edu, or call Jeannette Lochbaum, 346-3056.

For more details, visit http://libweb.uoregon.edu/cet/symposium-070427.html.

The event is sponsored by the UO Libraries'
Center for Educational Technologies, with
additional grant funding from the U.S.
Department of Education's Preparing Tomorrow's
Teachers to Use Technology program.

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March 16, 2007

Clifford Lynch to speak on IT and academic research

Clifford Lynch, a leading authority on current and future trends in the use of information technology, will speak on the intersections of IT, academic research, and libraries on Monday, April 9, from 8:30 a.m. to 9:50 a.m. in 182 Lillis.

Lynch's talk will be of interest to faculty members, administrators, librarians, and others engaged in thinking about how technology is enabling new research across all disciplines.

He will address several questions about the relationships among academic research, institutional support, university libraries, and IT:

- What are the major trends in academic research and what impact are they having on the demand for IT?
- Are there trends outside of academe that might ultimately have an impact on research and higher education?
- How can libraries position themselves to support emerging research?
- How are academic institutions aligning their

- resources to support the increase in demand for IT services and support?
- What support roles seem most appropriate for the academic institution as opposed to individual disciplines or other agencies?
- What impact is e-research having on teaching and what new opportunities are emerging?
- What trends are as yet unrecognized and how might they eventually impact research in the academy?

Lynch is director of the Coalition for Networked Information (CNI), an organization of about 200 institutional members promoting the use of IT and networked information to enhance scholarship and intellectual productivity.

Prior to joining CNI, he spent 18 years in the University of California Office University of California, Berkeley, and is an adjunct professor at Berkeley's School of Information. Lynch is a past president of the American Society for Information Science and a fellow of the American Association for the Advancement of Science and the National Information Standards Organization. of the President, the last 10 as director of library automation. He holds a Ph.D. in computer science from the

Lynch's presentation is sponsored by the UO Libraries and UO Information Services. For more information, visit http://libweb.uoregon.edu/index/news-app/story.1863/.

March 16, 2007

Incoming fall honor students attend invitation-only visit to campus

Despite the wintry weather, some 40 high school seniors from eight states were on campus Jan. 12, accepting invitations to meet with campus administrators and faculty in advance of their fall entry to the University of Oregon.

All the students have high school grade-point averages of 3.75 or higher. The idea behind the daylong event was to let the young scholars and their parents sample the life of a UO student by hearing from faculty and students, attending a class and touring the campus.

During the day, more than 30 faculty members, including President Dave Frohnmayer, and more than 10 current UO students, participated at various times. The day included a luncheon in the EMU Ballroom with faculty members representing areas of the students' academic interests.

The visiting students were from New Jersey, Missouri, Texas, Nevada, Washington, California, Illinois and Oregon.

March 16, 2007

It's Our Oregon: volunteer opportunity



Oregon," and they are calling on their colleagues to help with this annual fundraising effort. From April 16 through May 11, faculty and staff members will celebrate the financial contributions that UO employees make to the university and once again will call upon employees to give to the programs of their choice.

"Giving is one of the ways we demonstrate that we care about this institution," said Michael Moffitt, a donor and associate professor in the law school. "When we ask students, alumni, and the state to support the university, we're asking them



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