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### Sackler scholar

ASU President Michael Crow took his talk of change for higher education to Washington, D.C., April 3-4 to deliver the eighth annual Sackler Lecture, which is part of the National Academy of Sciences Sackler Colloquium.



Michael Crow

Crow spoke about the inherent role of universities and their need for change at this time during the colloquia on "Linking Knowledge with Action for Sustainable Development."

If ever there was a time to change the way we operate, now is that time as we tackle the enormous issue of sustainability on our planet, he said.

"We have intellectually come full circle to what our pre-organized science and pre-university ancestors knew all along – that our collective relationship with our natural environment requires that we think at scale and across time," Crow said. "Universities, because of their ability to create new knowledge across numerous dimensions and their role in creating the general state of knowledge that serves as the basis for most major decisions regarding our scientific and technological understanding of nature, possess a unique responsibility to advance their design in as creative, innovative and thoughtful a way possible."

Crow was invited to give the Sackler Lecture, which is featured at the end of the first day of the colloquium. The Sackler Colloquium addresses an advanced scientific topic of broad interest, usually cutting across two more traditional disciplines. It provides a novel opportunity for up to 250 leading researchers in a rapidly developing field to meet and interact.

### ASU on the Web

The College of Public Programs played host to a celebration dinner March 7 that marked the naming of the Lodestar Center for Philanthropy and Nonprofit Innovation, formerly the Center for Nonprofit Leadership and Management.

The ASU Lodestar Center exists to advance nonprofit leadership practice so that organizations can better achieve their mission. For more information, visit the Web site [www.asu.edu/copp/nonprofit/index\\_lodestar.htm](http://www.asu.edu/copp/nonprofit/index_lodestar.htm).

To suggest a Web site to be profiled in *ASU Insight*, send the site address to [asuinsight@asu.edu](mailto:asuinsight@asu.edu).

## ASU grad schools soar in U.S. News rankings

By Sarah Auffret

In a striking confirmation that ASU is now among the best public schools in the nation, *U.S. News & World Report* has ranked graduate programs in three ASU colleges and schools in its top tier, among the top 25 in the nation. In the new issue of America's Best Graduate Schools 2009:

- The W. P. Carey MBA program is ranked 22nd overall, and No. 8 among public universities.

- The ASU School of Public Affairs graduate program ranked

25th nationally among nearly 300 schools considered in the report, and among the top 15 publics.

- The Mary Lou Fulton College of Education ranks 25th for its graduate program, and 16th among public universities.

The Carey School is one of just five schools in the West ranked in the top 25, among more than 450 accredited business schools in the United States. The other Western schools are Stanford, the University of California-Berkeley, UCLA and USC. ASU's supply chain specialty ranked third nationally.

The School of Public Affairs is also one of five schools in the West ranked in the top 25, with the others being UC-Berkeley, USC, UCLA and Washington. The urban management program ranked sixth and public administration eighth.

Six out of nine specialty education programs within the Fulton College ranked in the top 20 in the nation. These include education policy, educational psychology, curriculum and instruction, secondary teacher education, elementary teacher education and

student counseling-personnel services.

In addition, the School of Criminology and Criminal Justice in the College of Human Services ranked 16th in the nation. Other graduate programs ranked include fine arts, 30; Earth sciences, 31; engineering, 45; and law, 52.

While nursing colleges and colleges of design weren't included in this year's rankings, the ASU College of Nursing & Healthcare Innovation ranked No. 32 of 396 graduate programs last year. And (See GRADUATE on page 6)



TOM STORY PHOTO

### Cleaning crew

ASU CARES volunteers gathered March 29 to clear brush, pick up trash and spruce up Cave Creek Wash Thunderbird Park at Thunderbird Road and 23rd Avenue in Phoenix. Volunteers included students, faculty and staff members from ASU and people who live in the surrounding neighborhood. Workers – 217 people registered for ASU CARES – toiled along a half-mile stretch of the wash and worked to fill eight Dumpsters with waste. Four chippers were brought in to compact the brush that was collected.

### Team studies delay of life on Earth

By Nikki Staab and Jenny Green

Scientists from around the world have reconstructed changes in Earth's ancient ocean chemistry during a broad sweep of geological time, from about 2.5 billion years ago to 500 million years ago. They have discovered that a deficiency of oxygen and the heavy metal molybdenum in the ancient deep ocean may have delayed the evolution of animal life on Earth for nearly 2 billion years.

The findings, which appeared in the March 27 issue of *Nature*, come as no surprise to Ariel Anbar, one of the authors of the study and an associate professor at ASU with joint appoint-

ments in the Department of Chemistry and Biochemistry, and the School of Earth and Space Exploration in the College of Liberal Arts and Sciences.

The study was led by Clint Scott, a graduate student at University of California-Riverside (UCR). Scott works with Timothy Lyons, a professor of biogeochemistry at UCR who is a longtime collaborator of Anbar's – and an author of the paper.

"Clint's data are an important new piece in a puzzle we've been trying to solve for many years," Anbar says. "Tim and I have suspected (See STUDY on page 7)

## ASU researchers rise to the occasion for yeast study

Scientists discover vital missing link for regulation of genes essential for cell metabolism

By Joe Caspermeyer

The common baker's yeast *Saccharomyces cerevisiae* not only is a daily dietary staple essential for making bread, beer and wine, but for scientists it's also provided a bounty of answers to pivotal questions in biology.

Now, a scientific team from the Cold Spring Harbor Laboratory (CSHL), Stony Brook University, and ASU's Biodesign Institute has found a vital missing link for the regulation

of genes essential for cell metabolism.

The team, led by CSHL professor Leemor Joshua-Tor and co-author Stephen Albert Johnston of ASU's Biodesign Institute, announced a new and unexpected wrinkle in a story they thought they understood about how yeast cells, through the action of genes, adjust their metabolism in response to changes in their sources of food. The team's findings were published recently in the journal *Science*.

### Adapting to new energy sources

Yeast has proven to be a useful genetic model for researchers when considering subtle influences on gene expression that also are found in higher organisms. Such research has implications for efforts to understand natural processes such as aging and disease states including cancer.

"*S. cerevisiae*, or common baker's yeast, can use any num-

ber of different types of sugar molecules for energy production," Joshua-Tor says. "Importantly, the yeast cell can rapidly respond to changes in its nutritional environment by altering the expression of specific genes that allow it to make use of those different energy sources."

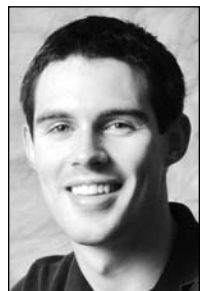
The study focused on the ability of yeast to metabolize a simple sugar called galactose. Johnston, a professor in ASU's School of Life Sciences who (See RESEARCHERS on page 7)

## ASU student's activism record lands Truman Scholarship

By Sarah Auffret

For the second year in a row, an ASU student has won a Truman Scholarship, the nation's highest undergraduate leadership award. The \$30,000 award is given to about 65 college juniors each year who show outstanding leadership potential and intend to pursue careers in public service.

Devin Mauney, a junior in economics from Tucson, hopes to use the award to enter a joint program at Harvard in law and public policy.



Devin Mauney

Mauney has long been a precocious and inquisitive student who doesn't stand on the sidelines. In high school he ran for the Tucson school board when he was barely 18, because he thought the board was becoming disconnected with what was going on in the classroom.

"As a student, I thought I could change that," he says. "I lost, but I was able to affect the debate."

That same year, he became the youngest member of a national commission for the United Methodist Church. As a board member, he got involved with Nothing But Nets, an organization providing mosquito netting to protect African children from malaria. He addressed an international gathering of young people, traveled to Zimbabwe and began raising funds.

All this took place before he arrived at (See TRUMAN on page 6)

## Westerhoff named chair of engineering department

By Joe Kullman

Professor Paul Westerhoff has been named chair of the Department of Civil and Environmental Engineering in ASU's Ira A. Fulton School of Engineering.

He will lead a growing department in which half the faculty members have been hired in the past five years.

The undergraduate enrollment has grown from about 350 to almost 600 students in that same time, and the department expects to award 118 undergraduate degrees this year, more than double the number five years ago.

Westerhoff says his goal is to continue increasing the numbers of faculty, largely to "address critical issues related to sustainable civil infrastructure systems."

Westerhoff came to ASU in 1995 and became a full professor in 2007. His research focus is on water quality and treatment. He has led the department's environmental and water faculty group for the past six years.

"His demonstrated abilities in leading research and mentoring students will bring even stronger leadership to the engineering school," says Deirdre Meldrum, dean of the school.

Meldrum cites Westerhoff's awards for research on the environmental implications of nanotechnology and studies of inorganic and organic contaminants in water.

He has earned some of the leading research awards from the American Society of Civil Engineers and the Water Environment Federation.

More than 65 of his research articles have been published in peer-reviewed science and engineering journals, and he has made more than 200 conference presentations.

Westerhoff earned a bachelor's degree from Lehigh University, a master's degree from the University of Massachusetts-Amherst and a doctorate from the University of Colorado-Boulder.

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Paul Westerhoff

## Grants spur Amdam's study of aging, longevity

By Margaret Coulombe

Gro Amdam, an associate professor in ASU's School of Life Sciences, has been awarded two grants totaling the U.S. equivalent of about \$1.4 million from the Norwegian Research Council to investigate biochemical factors and social life history properties that can influence aging and longevity in honeybees.

Amdam also is with the Department of Chemistry, Biotechnology and Food Science at the Norwegian University of Life Sciences in Norway.

The first study will focus on the molecular properties of honeybee vitellogenin, a protein that acts at the intersection between social behavior and aging, according to Amdam.

The second project, to be headed by Amdam's postdoctoral fellow Siri-Christine Seehuus in Norway, will examine the genetic and endocrine factors, which may determine longevity in diutinus workers, a specialized sub-caste of honeybees.

In a series of previous studies, Amdam has shown that vitellogenin protein affects aging rate and endocrine signaling in honeybees. In addition, separate studies conducted with Robert Page, director of ASU's School of Life Sciences in the College of Liberal Arts and Sciences, demonstrated that the protein also influences social behavior, longevity and sensory responsiveness.

"Generally, vitellogenin is described as a conserved yolk protein found across a broad range of egg-laying species," Amdam says. "The functions of proteins homologous to honeybee vitellogenin therefore have been studied primarily in the context of female reproduction. New data from my laboratory suggests, however, that the protein can be active in signal transduction."

Amdam hopes to understand more about the structural and binding properties for the honeybee vitellogenin protein through examination of synthesized protein fragments, combined with crystallography and spectroscopy. Her intention is to unlock how the protein can have pleiotropic effects on honeybee social organization, which also could open a window onto mechanisms that enabled honeybee social life to emerge.

Amdam and Seehuus will exploit the plasticity found in honeybee social life history in their work, examining the causal basis of the extreme longevity of honeybee diutinus workers (up to one year, in



Gro Amdam

contrast to the normal lifespan of about two months). While Seehuus will focus on endocrine regulation, Amdam will study the role of a key social factor, the presence versus the absence of young brood.

"Since sister honeybees can be both short-lived and extremely long-lived, it is clear that diutinus development within a colony is not determined by genetic predisposition," Amdam says. "Rather, diutinus bees develop as a function of social change when the young brood (honeybee larvae) is removed from the nest. Preliminary results from my lab in Norway point to a major effect on lifespan of pheromones released by the brood."

Amdam's graduate students have found that exposing the workers to brood pheromones alone (using synthetics in the absence of actual brood) prompt the diutinus workers to build up particularly large body reserves of proteins and fats, which likely have positive effects on survival.

Next, Amdam will study how the dual effects of brood – the physiological load of nursing the larvae and exposure to brood pheromones – translate into levels of individual gene expression and protein expression, storage dynamics of tissues, and at the level of behavior, food intake and feeding.

Amdam expects that, together, the planned studies will unravel patterns of interplay, from molecular mechanisms to social mechanisms that can govern lifespan in social species.

Amdam has made key discoveries in the genetic, physiological and behavioral mechanisms underlying division of labor, caste development and advanced understanding around the evolution of social life strategies, including aging, in social insects. Since 2006, her work, which primarily has used the honeybee as a model organism, has been published in professional journals as varied as *Nature*, *Science*, *Experimental Gerontology*, *Proceedings of the National Academy of Science (PNAS)*, *Behavioural Brain Research*, *Public Library of Science (PLoS)*, *American Naturalist* and *Advances in Cancer Research*.

In 2007, Pew Charitable Trusts selected Amdam to be a Pew Scholar in biomedical sciences, and she had the distinction of being named "Outstanding Young Investigator" by the Research Council of Norway.

To hear Amdam talk about her research, visit the School of Life Science's Web site for K-12 audiences, titled "Ask-a-Biologist," at <http://askabiologist.asu.edu/podcasts>.

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## Developers, faculty connect at Polytechnic's ATIC

By Chakris Kussalanant

The newly named Advanced Technology Innovation Center (ATIC) at the Polytechnic campus continues to engage developers looking for ways to test ideas or create functional prototypes. With a sizeable list of partners already, ATIC recently acquired further funding to develop special three-dimensional software for the U.S. Department of Homeland Security (DHS).

Formerly known as the Advanced Technology Innovation Collaboratory (the Arizona Board of Regents gave the project "center status" last January), ATIC works as a university center, in existence for less than two years, that connects faculty with research and development needs outside of ASU.

While ATIC helps facilitate connections between university and outside researchers, one of the most exciting services this new center provides is prototyping.

"Prototype phase is an important element of the design and manufacturing cycle, whether it is electronics, mechanical systems or computer

software," says Anshuman Razdan, ATIC's director. "Prototypes help detect potential problems, give early performance evaluations and also allow customer feedback whether it is the form or function."

DHS is one partner that has invested significant funds to ensure that its ideas come to life. DHS granted \$500,000 to ASU and its partner Kutta Inc. to develop Archi-Up and three-dimensional building visualization software (3DBVT) that aids first responders to identify the structure and layout, in three dimensions, of a building in emergency situations. At ASU, it is a joint collaboration between the 13DEA lab at Poly and PRISM on Tempe campus. It also showcases ATIC's ability to create collaborations across departments and campuses to respond to the external partners.

ATIC is seeking an additional \$500,000 in funding from Science Foundation Arizona (SFAz) to help commercialize the program.

Razdan says prototype development is just one of several research possibilities at ATIC.

"Becoming a center allows for more visibility

to do more projects, small and large," Razdan says. "Hopefully, it will motivate more faculty to see ATIC as an avenue to help them engage with external partners, and immerse undergraduate and graduate students in research enterprise, internships and exposure to real-world projects. These are all essential elements to get our students and faculty to be competitive in the fast-changing world of technology."

ATIC has several sponsors and partners, including the National Science Foundation, the Army, In-Q-Tel, the Jet Propulsion Laboratory and ACME Electric Corp.

Projects at the center include the development of an image-guided surgical toolkit, in collaboration with Georgetown University, sponsored by NIH, and super performing nanostructured components for fuel cells, sponsored by Oceanic corporation.

For more information on ATIC, visit the Web site <http://atic.asu.edu>.

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## U Devils celebrate ASU Alumni Association involvement

By Liz Massey

There are Sun Devils, and then there are Sun Devils. Some alumni love ASU so much that they return as a faculty or staff member. And some employees come to bleed maroon and gold, even if they received their education elsewhere.

The ASU Alumni Association formed the U Devils group last year to recognize university employees who have joined the association. Christine Wilkinson, the alumni association's president, says there has been a 70 percent increase in the number of employees who were association members since the U Devils campaign began.

"Employees who are also alumni association members have a deep commitment to ASU," she says. "We were thrilled with the response to the formation of the group last year and want to continue celebrating that connection, as well as continue to find ways to recognize this group of Sun Devils who are so critical to the success of ASU's mission."

The U Devils group is open to all employees who join the association, regardless of ASU alumni status. This year, the appreciation month events will kick off with an after-work mixer from 5 p.m. to 6:30 p.m., April 10, at Old Main. All employees who are ASU Alumni Association members are welcome to attend. The mixer will feature remarks from Wilkinson, prize drawings, an appetizer buffet and beverages.

The rest of April will be filled with appreciation-themed events. The week of April 14 will feature events for employees at the West, Downtown and Polytechnic campuses, and U Devils members will

be eligible to receive complimentary tickets to the April 20 baseball game pitting the ASU Sun Devils against the College World Series defending champion, Oregon State University. The tickets will be available on a first-come, first-served basis.

The fun continues April 23, when employee-members are invited to an "Escape the Madness" picnic from 11:30 a.m. to 1:30 p.m. on the Old Main lawn. The month of U Devils events concludes April 30 with a "U Lucky Devil" drawing. Employees who enter the contest could win a two-night stay at the Westin San Diego, among other valuable prizes.

More special features for U Devils who want to spread the maroon-and-gold spirit are incentives offered to members who recruit their co-workers into the ASU Alumni Association fold. If a U Devils member is able to recruit two new employees into joining the association, he or she receives an exclusive U Devils polo shirt or a maroon-and-gold umbrella. U Devils who encourage three new members to join the association will be invited to a special May 7 tea at the University Club.

To join the ASU Alumni Association at the special employee rate (\$25 annual/\$300 life) and participate in the U Devils events, visit the Web site [www.asu.edu/alumni/membership/join.shtml](http://www.asu.edu/alumni/membership/join.shtml). Employees can use payroll deduction to pay for their life membership; the membership fee will be deducted from their pay over the course of one year.

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## ASU Insight

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## Event examines problem-solving in criminal justice

By Steve Des Georges

ASU's School of Criminology and Criminal Justice will present an expert discussion of "Causes and Responses to Violence in America" from 7:30 a.m. to 3 p.m., April 18, at the West campus.

The full-day event will examine issues such as violence, crime prevention, gangs, and strategic problem-solving in criminal justice. It will feature four of the country's leading experts in the field of criminal justice, including Scott Decker, director of the ASU school.

Leading presentations will be Richard Rosenfeld, Curators' Professor of Criminology at the University of Missouri-St. Louis; Nancy Guerra, professor of psychology at the University of California-Riverside; and Edmund McGarrell, director of the School of Criminal Justice at Michigan State University.

"This is a unique opportunity, and we're fortunate to bring together such an impressive range of expertise on a number of violence-related topics," says Decker, who was a Curators' Professor at Missouri-St. Louis and directed the university's criminology department before coming to ASU in 2006. "There are a number of proven practices that work to reduce violence, and violence has been declining over the past 20 years in this country. Police partnerships with other groups, including the community, have proved successful in reducing gun violence, for instance."

The conference is open to the public and gets under way with registration and a continental breakfast. Registration is \$20 per person through April 11 and also includes lunch. The registration fee increases to \$30 after April 11.

"This represents an opportunity to bring outside experts, with new ideas and empirical evidence, to Arizona's ongoing discussion of the most appropriate strategies for addressing these very important problems," says John Hepburn, dean of ASU's College of Human Services. "Our goal is to heighten public awareness of the issues and inform public policy discussions."

*"A safe and secure home and neighborhood are the foundations of a healthy community, one in which the residents have the opportunity for self-sufficiency, well-being and an enhanced quality of life."*

— John Hepburn, dean of ASU's College of Human Services

The opening session features Rosenfeld, who will present "Fifty Years of Criminal Violence in America: 1960-2010." The professor, whose research interests include the social sources of violent crime, crime statistics and crime control policy, is focusing much of his work on an examination of U.S. crime trends. He will present trends in major forms of criminal violence in the United States over the last half-century, while also discussing changes in homicide and robbery rates since 2005 – and whether those changes could have been anticipated.

"A safe and secure home and neighborhood are the foundations of a healthy community, one in which the residents have the opportunity for self-sufficiency, well-being and an enhanced quality of life," Hepburn says. "Crime, or even the threat of crime and violence, is disabling to a community's efforts to empower its residents and to be responsive to the other needs of the community."

The second session will be led by Guerra, who has served on the President's Coordinating Council on Juvenile Justice and Delinquency Prevention, and is an expert in the areas of youth development and violence prevention. Guerra will present "Best Practices in Prevention," showcasing programs that have addressed the prevention of youth violence over the past two decades. Included in her remarks will be a discussion of the adaptive value of violence, its multiple causes, early warning signs and integrating prevention of risk with promotion of assets.

The final session addresses "Problem-Solv-

ing Approaches to Violence" and will be led by McGarrell, who has directed the Crime Control Policy Center at the Indianapolis-based Hudson Institute, where he is an adjunct senior fellow. His research interests are in the areas of communities and crime and include a concentration on directed police patrol as a response to firearms violence; crime, fear and disorder in public housing; arrestee drug abuse monitoring and evaluation of court treatment programs; crime analysis; and attitudes toward crime and justice.

McGarrell will cover initiatives since the mid-1990s that have demonstrated promise in reducing levels of gang-, gun- and drug-related violence. The origins of these initiatives – featuring a combination of focused deterrence and problem-solving approaches – will be examined, as well as their key components and the evidence of impact on violent gun crime.

"This event focuses current research on policy and practice in an area of great importance," says Decker, whose main research interests are documented in a dozen books he has written on gangs, juvenile justice and criminal justice policy. "The conference will focus on the nature of the problem, and solutions to violence inside and outside of criminal justice."

Registration information is available by calling Betty Sedillo at (602) 543-6607, or by visiting the Web site [http://chs.asu.edu/online\\_forms/ccj\\_event\\_1.php](http://chs.asu.edu/online_forms/ccj_event_1.php).

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## Schwalm makes plans to write, ride in retirement

By Chris Lambrakis

Starting out as an economics major as an undergraduate student, David Schwalm, dean of the School of Applied Arts and Sciences at the Polytechnic campus, had dreams of practicing law. That all changed when he took a British literature course.

"I can almost remember the day when I realized that I was really enjoying the literature course a lot and the economics course a lot less," says the English professor turned university administrator.

He has been a university administrator for more than 20 years, but he is ending his nearly 40-year career in higher education in June.

Like a road trip on one of his motorcycles – Harley-Davidsons, to be exact – his career started as an adventure.

It's an adventure that he says has not disappointed.

"I had absolutely no idea ahead of time what it was like to be a teacher, but the academic life looked very attractive," he says.

And he has served it well.

His commitment to ASU's Polytechnic campus began when he was part of the original team planning for the new East Valley campus while he was vice provost for academic programs at ASU West. When the new campus opened, Schwalm was named vice provost for academic programs and services.

He also was the founding dean of East College, a college created to house new programs at then-named ASU East. Starting with no programs and just one faculty member, East College has become the School of Applied Arts and Sciences and now includes applied biological sciences, applied psychology, nutrition, exercise and wellness, human health studies, multimedia writing and technical communication, humanities and arts, and social and behavioral sciences.

Schwalm also started the education and business administration programs at the Polytechnic campus.

One of the founders of the East Valley campus, former provost Charles Backus, says Schwalm brought a strong liberal arts background to the initial planning but supported the idea of developing professional programs at the campus.

"During the entire planning process, David was open to doing things in a new way, and experimenting with new programs and approaches," Backus says. "David is very passionate about education and programs but never became emotional or argumentative about them. You could always have a discussion with him on any topic – with humor and civility."

Throughout his career at ASU, Schwalm has been active locally and statewide in university and community college relations, and in developing and implementing statewide transfer articulation policies and procedures.

Schwalm came to ASU in 1986 from the University of Texas-El Paso, where he founded and directed the West Texas Writing Project while teaching composition, rhetoric and professional writing. Prior postings took Schwalm from Chicago to Gary, Ind., Berkeley, Calif., and Columbus, Ohio. His first position at ASU was as associate professor and director of



David Schwalm, left, dean of ASU's School of Applied Arts and Sciences, helps kick off a road race on one of his Harley-Davidson motorcycles. Schwalm's retirement reception will be held April 15.

composition in the English department at Tempe. He was instrumental in developing the very successful "stretch" version of ENG 101, and in the creation of the Preparing Future Faculty program.

Schwalm has written and spoken on a range of subjects, including 18th century British literature, biography, rhetoric and composition, outcomes assessment, writing program administration, university administration, and university and community college relations.

He is a member of the National Council of Teachers of English & 4Cs and has served on the editorial and executive boards of the National Council of Writing Program Administrators. He is the founder and list owner of WPA-L, the premier online forum for discussion of the teaching of writing in colleges and universities. It was started in 1991 and now has more than 2,200 members.

He plans to continue to write as well as ride in retirement.

"My wife, Karen, and I have told people that we are retiring 'to spend more time with our motorcycles,' and we do have a few trips planned. But I am a rhetorician, so chances are I will be doing some writing. There's a blog with my name on it somewhere."

Colleagues are invited to Schwalm's retirement reception, which will take place from 4 p.m. to 6 p.m., April 15, Student Union Cooley Ballrooms at the Polytechnic campus.

Those who wish to pay tribute to Schwalm can contribute to the David and Karen Schwalm Scholarship. For more information, contact the Development Office at the Polytechnic campus at (480) 727-1897.

A successor to Schwalm should be named shortly.

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## In THE NEWS

ASU experts frequently are called upon by the local and national news media to provide insight and opinion on current events and issues of public interest. Following are excerpts of recent news articles featuring ASU representatives.

Though Arizona's increasing unemployment rate is still below the national average of 5 percent, consumer spending and confidence continue to drop. That means less consumer lending, which can trickle down to small businesses, making it harder for them to get financing. "There's been a liquidity problem ever since the subprime problem began," says ASU finance professor **Anthony Sanders**.

"There's a lot less capital flowing in the market, and it's probably worse than anticipated." *Phoenix Business Journal*, Jan. 25.

In the filmography of border-crossing immigration dramas, newly-released "Under the Same Moon" is somewhat unusual for focusing on the heartache of a boy and mother separated by the border, and for adopting a more uplifting tone, says **Paul Espinosa**, an ASU transborder Chicana/o Latina/o studies professor. It may be precisely because the film is not another "El Norte" that major studios are so interested, he suggests. "You could take the position that if a film were made like that today, the chances of getting it released theatrically would be very difficult," Espinosa says. *Washington Post*, March 14.

For whatever reason, audiences are more willing to buy actor Jim Carrey in a broadly comic role than in a serious one. "To a majority of the public, (Carrey) was known primarily as a charmingly insane comedic force of nature," says **F. Miguel Valenti**, director of film and media production at ASU. "However, as he has proved time and again in his career, he is a gifted dramatic actor. ... In fact, his most compelling performances have been of the more serious variety." *Florida Today*, March 16.

A cut in key interest rates can be good or bad, depending on what type of loan or investments you have. "The interest-rate cuts will help some people but hurt others," says **Stephen Happel**, an ASU economics professor. Rate cuts also tend to weaken the value of the dollar – which, in turn, raises import prices and increases global trade uncertainty by making it much harder for foreigners to sell products here. "The weak dollar has put tremendous pressure on Japan and various other countries," Happel says. *Arizona Republic*, March 17.

Pep bands may provide the NCAA men's basketball tournament's greatest culture clash – giving a time-warped soundtrack to games that decide this year's champion. Seemingly, pep bands are forever behind the times, playing everything from classic-rock to wedding-reception disc jockey songs. However, there is a method to their madness. "We try to play songs that not only appeal to the 'blue-hairs' in the crowd, but also to our students," said **Jim Hudson**, director of athletic bands at ASU. *New York Times*, March 19.



Events are free, unless otherwise noted. Items in the "Exhibitions" section run at exhibit opening and on the first of each month only. Building abbreviations are listed according to the official ASU phone directory. Send information to Judith Smith at [jps@asu.edu](mailto:jps@asu.edu) or fax (480) 965-2159. For information about ASU events, visit the Web at <http://events.asu.edu>.

## Lectures

### Friday, April 4

**"A Personal Network Measure of Acculturation,"** 3:30-4:30 p.m. School of Human Evolution and Social Change (SHESC) room 340. Speaker: Chris McCarty, Survey Research Center, Bureau of Economic and Business Research, University of Florida. Sponsored by SHESC. Information: <http://shesc.asu.edu/colloquia> or (480) 965-7887.

**"The Role of Spatial Analysis in the Study of the Transmission of Infectious Diseases,"** 3:30 p.m., Schwada Classroom Office Building (SCOB) room 335. Speaker: Arthur Getis, San Diego State University, Department of Geography. Sponsored by School of Geographical Sciences. Information: (480) 965-7533.

**"Is It Time for Spikes? Precision and Reliability of the Neural Code,"** 3:40 p.m., Engineering Center (EC) G-237. Speaker: Jean-Marc Fellous, University of Arizona. Sponsored by School of Life Sciences. Information: (480) 965-2705.

### Monday, April 7

**A. Wade Smith Memorial Lecture on Race Relations,** 7 p.m., ASU Gammage. Speaker: Pulitzer Prize winning columnist Leonard Pitts Jr., author of book "Becoming Dad: Black Men and the Journey to Fatherhood." Sponsored by College of Liberal Arts and Sciences. The lecture is free and open to the public, though tickets are required and available online at [clas.asu.edu/smithlecture](http://clas.asu.edu/smithlecture) or at ASU Bookstores. Information: (480) 965-1441.

**"Transforming Your Relationship with Money,"** noon-1 p.m., the Mercado, 502 E. Monroe St., Phoenix. Speaker: financial expert Todd Smith. R.S.V.P.: (602) 496-1000 or [ASUlectures@asu.edu](mailto:ASUlectures@asu.edu).

### Tuesday, April 8

**"The Public Value of the Arts,"** 7:30 a.m., Tom's Tavern and Restaurant, 2 N. Central Ave., Phoenix. Speaker: Robert Booker, executive director, Arizona Commission on the Arts. Lecture is free, breakfast is no-host. Part of Phoenix AM, sponsored by ASU at the Downtown Phoenix campus. R.S.V.P. required: [ASUlectures@asu.edu](mailto:ASUlectures@asu.edu).

**Short-Talks Luncheon,** 1 p.m., Karsten Golf Course Club House, 1125 E. Rio Salado Parkway, Tempe. Speakers: Nelson Haggerson and Dick Jacob. No-host lunch. Sponsored by Emeritus College. Information: (480) 965-0002.

### Wednesday, April 9

**"Children of the Plumed Serpent: Art and Ritual of Mesoamerica's Late Antiquity,"** 3:30-4:30 p.m., College of Design (CD) N-60. Speaker: John Pohl, Fowler Museum, University of California, Los Angeles. Sponsored by SHESC. Information: <http://shesc.asu.edu/colloquia> or (480) 965-7887.

**"Correlated Electron and Proton Transfer in Cytochrome c Oxidase: Coulomb Proton Pump with Kinetic Gating,"** 4 p.m., Bateman Physical Sciences Center (PS) A-103. Speaker:

Alexei Stuchebrukhov, University of California-Davis. Sponsored by Center for Biological Physics. Refreshments at 3:45 p.m. Information: (480) 965-4073.

**"The Weather Makers,"** 4:40 p.m., Neeb Hall. Speaker: Tim Flannery, professor, MacQuarie University, Sydney Australia, and author of "The Weather Makers: How Man is Changing the Climate and What It Means for Life on Earth." Part of the Wrigley Lecture Series. Book-signing to follow lecture. Presented by the College of Liberal Arts and Sciences, the Beyond Center and Barrett, the Honors College. Information: (480) 965-8840.

### Thursday, April 10

**"Finding Forgiveness,"** noon-1 p.m., the Mercado, 502 E. Monroe St., Phoenix. Speaker: clinical and political psychologist Eileen Borris. R.S.V.P.: (602) 496-1000 or [ASUlectures@asu.edu](mailto:ASUlectures@asu.edu).

**"Desert Ant Navigation: Mini Brains – Mega Tasks – Smart Solutions,"** 3:30 p.m., Life Sciences Center (LS) E-104. Speaker: Ruediger Wehner, University of Zürich, Switzerland. Sponsored by School of Life Sciences and Center for Social Dynamics and Complexity. Information: (480) 965-2705.

**"Configurational Entropy in Self-Replicating Robots and Folding Proteins,"** 4 p.m., PS F-101. Speaker: Greg Chirikjian, Johns Hopkins University. Sponsored by Department of Physics. Information: (480) 965-9075.

**"What Do We Mean When We Say We Want Peace?"** 7 p.m., Armstrong Hall (LAW) Great Hall. Speaker: Ira Chernus, professor of religious studies, University of Colorado-Boulder. Part of the Initiative in Religion, Conflict and Peace Studies sponsored by the Center for the Study of Religion and Conflict. Reception and book-signing to follow lecture. Information: (480) 727-7636.

### Friday, April 11

**Friday Conversations: Annual Short Film and Video Festival Teaser,** 11 a.m., ASU Art Museum. Curator John Spiak introduces and discusses previews from the 12th annual Film and Video Festival (April 12, 8 p.m., ASU Art Museum, free.) Information: (480) 965-2787.

### Monday, April 14

**"A Torch for Tomorrow: Civil Rights Protest Literature and the Historical Memory of Abolitionism,"** 1 p.m., Durham Language and Literature Building (LL) room 316. Speaker: Zoe Trodd, Tutorial Board, Committee on History and Literature, Harvard University. Respondent: Stanlie James director, African and African-American Studies, ASU. Sponsored by The Antislavery Literature Project with the Department of English. Information: (480) 965-7611 or [joe.lockard@asu.edu](mailto:joe.lockard@asu.edu).

**Last Lecture Series,** 7:30 p.m., location and speaker TBA. Information: (480) 965-9600 or [www.asu.edu/partnerships](http://www.asu.edu/partnerships).

### Tuesday, April 15

**"The Power of the Subconscious,"** noon-1 p.m., the Mercado, 502 E. Monroe St., Phoenix. Speaker: life coach Gabriella Cardona. R.S.V.P.: (602) 496-1000 or [ASUlectures@asu.edu](mailto:ASUlectures@asu.edu).

**"Is Political Secularism Possible in Islam?"** 3-4:30 p.m., LL room 165. Speaker: Souad T. Ali, assistant professor of Arabic and Middle East Studies, School of International Letters and Cultures. Part of the SILC Work-in-Progress Lecture Series. Information: (480) 965-6281.

### Wednesday, April 16

**"The Rise of Civil Rights in the Urban West,"** 2 p.m., Fulton Center sixth-floor boardroom. Speaker: Matthew C. Whitaker, associate professor of history, ASU. Sponsored by Emeritus College. Information: (480) 965-0002.

**"Costing the Gulf's Dead Zone: Controlling Agricultural Nutrients Impacting the Hypoxic Zone,"** 3-5 p.m., Global Institute of Sustainability (GIOS) room 481. Speaker: Catherine

Kung, professor of economics, head of the Resources and Environmental Policy Division, Center for Agricultural and Rural Development, Iowa State University. Sponsored by GIOS. Refreshments served before talk. Information: (480) 965-9301.

**"Electron Transfer in Fluctuating Chemical and Biological Molecules,"** 4 p.m., PS A-103. Speaker: David Beratan, Duke University, Department of Chemistry. Sponsored by Center for Biological Physics. Refreshments at 3:45 p.m. Information: (480) 965-4073.

**"Adoption, Immigration and Privatization: Transnational Transformations of the Family,"** 4-5:30 p.m., Social Sciences Building (SS) room 109. Speaker: Laura Briggs, associate professor of women's studies, University of Arizona, and Tanner Humanities Center Fellow, University of Utah. Sponsored by Institute for Humanities Research, Department of English, Women's and Gender Studies, and Transborder Latina/o-Chicana/o Studies. Reception to follow lecture. Information: (480) 965-7660.

### Thursday, April 17

**"Rwanda: Through African-American Eyes,"** noon-1 p.m., The Mercado, 502 E. Monroe St., Phoenix. Speaker: Marilyn Lacount, executive director, ASU Office of Youth Preparation. R.S.V.P.: (602) 496-1000 or [ASUlectures@asu.edu](mailto:ASUlectures@asu.edu).

**"D.C. v. Heller – The D.C. Gun Ban Litigation,"** 12:15-1:15 p.m., LAW room 105. Speaker: Robert Levy, senior fellow in constitutional studies and a member of the board of directors at the Cato Institute. Sponsored by ASU's student chapter of the Federalist Society. Information: (480) 620-4282.

**"Neutrinos: Nature's Stealthy Agents of Disorder and Creation,"** 4 p.m., PS F-101. Speaker: George Fuller, University of California, San Diego. Sponsored by Department of Physics. Information: (480) 965-9075.

**"The Initial Peopling of the Tibet Plateau and Mongolia,"** 7 p.m., LS A-191. Speaker: John W. Olsen, University of Arizona. Sponsored by SHESC and the Central Arizona Society of the Archaeological Institute of America. Information: (623) 974-0297.

### Friday, April 18

**"Incorporating Policy Criteria in Special Analysis,"** 4-5 p.m., University Center room 822A, Downtown Phoenix campus. Speaker: Yushim Kim, School of Public Affairs. Sponsored by School of Public Affairs. Information: (602) 496-0409.

## Conferences

### Friday, April 4

**"A Personal Network Measure of Acculturation,"** 3:30-4:30 p.m., Anthropology Building (ANTHRO) room 340. Speaker: Chris McCarty, Survey Research Center, Bureau of Economic and Business Research, University of Florida. Sponsored by School of Human Evolution and Social Change. Information: (480) 965-7887.

### Saturday, April 5

**Symposium: Sites of Transition,** 9 a.m.-2 p.m., ASU Art Museum. In conjunction with the photography exhibition "Sites of Transition: Urbanizing the Mojave Desert" in the ASU College of Design, this symposium will offer an opportunity for lively discussion about the market-driven transformations of rich and fragile desert ecosystems. Speakers: Ralph Stern and Nicole Huber, creators of "Sites of Transition"; Lucy Lip-pard, prominent art writer; Matthew Coolidge, director of the Center for Land Use Interpretation in Los Angeles; and Mark Klett, photographer and professor of art at ASU. Sponsored by the Phoenix Urban Research Laboratory (PURL). Information: (480) 965-2787.

### Saturday, April 5

**"Perspectives on the Death Penalty,"** 9 a.m.-4 p.m., Armstrong Hall (LAW) room 105. The Arizona Death Penalty Forum third annual conference with Justice Michael Ryan, Arizona Supreme Court, Diann Rust-Tierney, executive director, National Coalition to Abolish the Death Penalty, and many others. Co-sponsored by Coalition of Arizonans to Abolish the Death Penalty, ASU School of Justice & Social Inquiry, ACLU of Arizona, Amnesty International, Arizona Attorneys for Criminal Justice and the Mexican Capital Legal Assistance Program. Admission (includes lunch). Information: (480) 727-7895.

### Friday, April 11

**"The Movement of Labor, Labor Movements and Economic Justice,"** 9 a.m.-5 p.m., ASU Brickyard (BY) room 150. Speakers: Eileen Boris, Hull Professor of Women's Studies, University of California-Santa Barbara; Ruth Milkman, director of the Institute of Industrial Relations, University of California-Los Angeles; and Rhacel Salazar Parrenas, professor of Asian American Studies, University of California-Davis. The conference theme centers on the movement of populations around the globe in search of labor, as well as the problems confronted by workers and societies as such movements occur. Sponsored by the School of Justice & Social Inquiry, Women & Gender Studies Program, and a conference grant from the ASU Graduate College. Information: 480-965-7043 or [Nancy.Jurik@asu.edu](mailto:Nancy.Jurik@asu.edu).

### Thursday, April 17

**Transborder Studies Seminar,** 8 a.m.-4 p.m., Fulton Center

## Downtown exhibition tours First Fridays



Debra Friedman, dean of ASU's College of Public Programs, determines the best location to display artwork for the Urban Gallery Exhibition. The event will showcase a significant collection of new artwork from 6 p.m. to 10 p.m., April 4, at the Downtown Phoenix campus in University Center, located at 411 N. Central Ave.

More than 60 new mixed-media works will be on display among the collection of 320 works from the Emeritus College on the building's fourth through eighth floors. An additional 200 pieces will be on display from staff and clients in organizations who have formed partnerships with the academic programs at the College of Public Programs.

The event is held in conjunction with the Phoenix First Friday series of free art-walk tours of downtown art galleries, studios and art spaces.

For more information, visit the Web page <http://copp.asu.edu/firstfriday>.

FELIPE RUIZ-ACOSTA PHOTO

room 2490. A seminar to examine the anticipated changes in security, prosperity, cross-border cooperation, diversity and other factors North American under a new president, congress and administration. Sponsored by the North American Center for Transborder Studies (NACTS) at ASU, the Center for Research on North America at the National University of Mexico, and the Robards Center at York University in Canada. Information: (480) 965-1846 or asu.edu/cas/nacts.

## Miscellaneous

### ■ Saturday, April 5

**SOLS Takes a Hike**, 9 a.m.-1 p.m., Papago Park. The School of Life Sciences faculty and staff lead a series of guided hikes in the park. There also will be demonstrations and reptile displays. Meet at ramada No. 16. Information: (480) 727-9034. Map: [ftp://www.phoenix.gov/pub/PARKS/papamap.pdf](http://www.phoenix.gov/pub/PARKS/papamap.pdf).

### ■ Monday, April 7

**Technology Training Program Microsoft Excel 2003 Level 2**, 8:30 a.m.-4:30 p.m., University Services Building (USB) room 1502. Sponsored by the Office of Human Resources. Information and registration: [www.asu.edu/hr/training/tech](http://www.asu.edu/hr/training/tech).

### ■ Tuesday, April 8

**Campus Care Depression and Suicide Prevention Awareness Training**, noon-1:30 p.m., Coor Hall room 186. Sponsored by Wellness and Health Promotion. R.S.V.P.: [wellness@asu.edu](mailto:wellness@asu.edu).

### ■ Wednesday, April 9

**Technology Training Program Microsoft PowerPoint 2003 Level 2**, 8:30 a.m.-4:30 p.m., University Services Building (USB) room 1502. Sponsored by the Office of Human Resources. Information and registration: [www.asu.edu/hr/training/tech](http://www.asu.edu/hr/training/tech).

**"Sell Your Skills: Résumés and Cover Letters That Work for You,"** 3:30-5 p.m., Student Services Building (SSV) room 329. Sponsored by Career Services. Information: (480) 965-2350.

**Campus Care Depression and Suicide Prevention Awareness Training**, 4-5:30 p.m., Coor Hall room 191. Sponsored by Wellness and Health Promotion. R.S.V.P.: [wellness@asu.edu](mailto:wellness@asu.edu).

### ■ Thursday, April 10

**Design Excellence Dinner**, 5:30 p.m., J.W. Marriott Desert Ridge Resort and Spa, 5350 E. Marriott Dr., Phoenix. Speaker: James Surowiecki, author of "The Wisdom of Crowds." Sponsored by Council for Design Excellence. Admission. Information: (480) 965-6384.

### ■ Friday, April 11

**"Managing Cost Issues,"** 8:30 a.m.-noon, Computing Commons (CPCOM) room 120. An NCURA TV 2008 Broadcast Workshop Series DVD. Sponsored by the Office for Research and Sponsored Projects Administration. Information: (480) 727-0765.

**Arizona Robotics Challenge 2008**, 2-5 p.m., Brickyard Artisan Court (BYAC) room 221. Teams of computer science and engineering students from ASU and the University of Arizona have designed and built "security robots" to compete in this test of computer science and engineering skills. Information: (480) 965-2769.

### ■ Sunday, April 13

**Nineteenth Annual Arizona Japanese Speech Contest**, 12:30-5:30 p.m., Japanese Friendship Garden, 1125 N. Third Ave., Phoenix. Competition among Japanese-language students from high schools and colleges across the state, and cultural demonstrations. Information: (480) 965-6383.

### ■ Monday, April 14

**ASU Parents Association Professor of the Year Celebration**, 5-7 p.m., Old Main Carson Ballroom. Sponsored by TIAA-CREF. Information: (480) 965-0830.

### ■ Wednesday, April 16

**Informational Meeting: How to Become a Foster Parent or How to Help Foster Parents**, noon-1 p.m. West Hall (WHALL) room 120. Sponsored by ASU School of Social Work, Child Welfare Training Institute and Arizona Adoption & Foster Care. Information: (480) 777-5815, ext. 292.

**"STAR in the Employment Interview,"** 5-6:30 p.m., SSV room 329. Sponsored by Career Services. Information: (480) 965-2350.

**PAB open microphone night**, 8-9:30 p.m., Art Café, Memorial Union (MU) in Einsteins. Sponsored by Programming and Activities Board. Open microphone sign-up begins at 7:30 p.m.

### ■ Friday, April 18

**Technology Training Program Microsoft Word 2003 Level 1**, 8:30 a.m.-4:30 p.m., University Services Building (USB) room 1502. Sponsored by the Office of Human Resources. Information and registration: [www.asu.edu/hr/training/tech](http://www.asu.edu/hr/training/tech).

**Technology Training Program Microsoft Access 2003 Level 1**, 8:30 a.m.-4:30 p.m., Classroom Laboratory/Computer Classroom Building (CLCC) room 204, West campus.

Continues April 25. Sponsored by the Office of Human Resources. Information and registration: [www.asu.edu/hr/training/tech](http://www.asu.edu/hr/training/tech).

**16th annual ASU Spring Competition Pow Wow**, 5:30 p.m., ASU Band Practice field, Sixth Street and Rural Road. Admission: \$5 (\$2 students; 3-day pass, \$10; under 6, 60+ free). Continues through April 20. Information: (480) 965-5224 or <http://powwow.asu.edu>. NOTE: This is a smoke-free event.

**Relay For Life**, 8 p.m.-8 a.m., Sun Angel Stadium. Information: Jill Michalak, American Cancer Society, (602) 952-7504 or [Jill.Michalak@cancer.org](mailto:Jill.Michalak@cancer.org). <http://events.cancer.org/rflasuz>

## Entertainment

**\*Indicates tickets are available at Herberger College of Fine Arts Box Office, Nelson Fine Arts Center, (480) 965-6447.**

**\*\*Indicates tickets are available at ASU Gammage, Mill Avenue and Apache Boulevard, (480) 965-3434; ASU Kerr Cultural Center, 6110 N. Scottsdale Road, Scottsdale, (480) 596-2660.**

### ■ Friday, April 4

**Carole FitzPatrick, soprano, Robert Barefield, baritone, and Eckart Sellheim, piano**, 7:30 p.m., Katzin Concert Hall. Program includes Hugo Wolf's "Das Spanische Liederbuch" (1889) and 44 spiritual and secular songs on Spanish folk-song inspired texts by Geibel and Heyse. Also 7:30 p.m. April 5. \*

### ■ Saturday, April 5

**Jeff Jones CD Concert & Release Party**, 7:30 p.m., ASU Kerr Cultural Center, Scottsdale. Jazz favorites with a Latin twist.\*\*

### ■ Sunday, April 6

**Concert Band**, 2 p.m., ASU Gammage.

**Annie Moscow, poet/composer**, 3 p.m., ASU Kerr Cultural Center, Scottsdale.\*\*

### ■ Tuesday, April 8

**Tuesday Morning Music & Coffee Concert**, 10:30 a.m., ASU Kerr Cultural Center, Scottsdale. Music by student saxophone ensembles from the ASU Herberger College School of Music. Free, but R.S.V.P. required: (480) 596-2660.

### ■ Wednesday, April 9

**"The Crazies,"** 5:15-8:15 p.m., Life Sciences Center (LS) E-104. Concludes the Bioethics Film Series sponsored by the Center for Biology and Society. Information: (480) 965-8927.

**Student Jazz Combos**, 7:30 p.m., Recital Hall.

**The Brentano String Quartet**, 7:30 p.m., Katzin Concert Hall. Free but tickets required: (480) 965-6447.

### ■ Thursday, April 10

**"Image: Sinuous and Swift,"** 7:30 p.m., Dance Studio Theatre, PE East 132. Presented by Herberger College of the Arts, this event combines dance with the work of gifted writers and visual artists. Other performances: 7:30 p.m., April 11-12; 2 p.m., April 13.\*

### ■ Saturday, April 12

**Donna DeLory**, 7:30 p.m., ASU Kerr Cultural Center, Scottsdale. DeLory takes the listener on an emotional musical journey about finding one's place in this world.\*\*

**12th Annual ASU Art Museum Short Film and Video Festival**, 8 p.m., Nelson Fine Arts Plaza.

### ■ Tuesday, April 15

**"Sweeney Todd,"** 7:30 p.m., ASU Gammage. Sweeney Todd is a legendary demon barber who is hell-bent on revenge. He takes up with his enterprising neighbor in a delicious plot to slice through London's upper crust in search of justice. An extra bonus: the show stars Judy Kaye, an ASU alumna. Other performances: 7:30 p.m., April 16-18; 2 and 8:30 p.m., April 19; 2 p.m. and 7 p.m., April 20.\*\*

### ■ Thursday, April 17

**Jazz Repertory Band & Combos**, 7:30 p.m., Katzin Concert Hall.

## Exhibitions

**Gallery of Design** – 8 a.m.-5 p.m., Monday-Friday, College of Design South. Information: (480) 965-6384.

Through April 5, "Sites of Transition." Symposium: 9 a.m.-2 p.m., April 5. ASU Art Museum. What effect does market-driven commercial and residential construction have on a fragile desert? This exhibition of 60 large-format photographs of recent construction in the Mojave Desert outside Las Vegas offers some clues. The photos were created by Ralph Stern, professor of architecture at the University of Nevada, Las Vegas, and Nicole Huber, professor of architecture at the University of Washington. The exhibition holds up a not-so-distant mirror to the rapid urbanization of the Sonoran Desert beyond Phoenix. Sponsored by Phoenix Urban Research Laboratory, Future Arts Research@ASU, ASU Art Museum and ASU Herberger School

of Art. Information: (480) 727-9888.

**Harry Wood Gallery** – 9 a.m.-5 p.m., Monday-Thursday; 9 a.m.-3 p.m., Friday. Art Building, first floor. Information: (480) 965-3468.

April 7-11, Amy Long, master's degree in fine arts thesis exhibition in fibers. Reception: 7-9 p.m., Monday, April 7.

**Museum of Anthropology** – 11 a.m.-3 p.m., Monday-Friday, Cady and Tyler Malls. Information: (480) 965-6224.

Through October 3, "Mosaic: Cultural Identity in America" and "Fuse: Portraits of Refugee Households in Metropolitan Phoenix." In "Mosaic: Cultural Identity in America," jury-selected student artists explore questions of national identity. Sarah Elsasser, the guest curator and a student in Barrett, the Honors College, has asked students to express, through a variety of artistic media, how they understand and identify with being "American." "Mosaic" contextualizes American identity as a diverse and changing ascription, based on ethnicity, religion, gender and sexual orientation. This exhibit presents positive and negative takes on American culture and invites the visitor to engage emotionally with the artwork. "Fuse" is a portrait exhibit of the complex worlds of resettled refugees in the Phoenix metropolitan area. It fosters critical thinking on who refugees are and how, through sharing experiences, the Phoenix metropolitan community can seek common ground. The photographs validate the struggles and triumphs of these families, portraying them in a way that fosters a deeper sense of belonging in the community. The exhibition is being developed in collaboration with Community Outreach & Advocacy for Refugees (COAR), a youth-led nonprofit based in Tempe that works with refugees and local artist Eliza Gregory, a member of the eye lounge artist cooperative on Roosevelt Row.

## Dissertations

**Courtney Sherman**, DMA, Mus., 8:30 a.m., April 7, MUSIC E-243.

**Leah Lucas**, PhD, Mat. Sci. & Engr., 9:00 a.m., April 7, FDC 3651.

**Jenessa Shapiro**, PhD, Psy., 10:00 a.m., April 7, PSY 217.

**Joonwon Joo**, PhD, Env. Des. and Pln., 11:30 a.m., April 7, CDN 156.

**Sandra Woien**, PhD, Phil., Noon, April 7, COOR 3301.

**Chia-Jung Cheng**, DMA, Mus., 8:00 a.m., April 8, MUSIC 243.

**Jill Rissi**, PhD, Pub. Adm., 11:00 a.m., April 8, UCENT 480-A.

**Teresa Araas**, PhD, Phy. Act. Nutr. and Well., 1:00 p.m., April 8, EAW 111.

**Tara Blanc**, PhD, Pub. Adm., 2:00 p.m., April 8, UCENT 480-A.

**Nathan Wilkens**, PhD, Geol. Sci., 3:30 p.m., April 8, PSF 226.

**Vladas Griskevicius**, PhD, Psy., 9:30 a.m., April 9, PSY 243-A.

**Suhaib Obeidat**, PhD, Comp. Sci., 10:00 a.m., April 9, BYENG 455.

**Angelika Foerst**, PhD, Curr. and Instr., 10:00 a.m., April 9, ED 312.

**Guillermo Mendez**, PhD, Math., 10:00 a.m., April 9, PSA 206.

**Sarah Herald-Brown**, PhD, Psy., 11:00 a.m., April 9, COWDN 105.

**Karen Shafer**, PhD, Pol. Sci., 1:00 p.m., April 9, COOR 6761.

**Eric Dykeman**, PhD, Phys., 1:40 p.m., April 9, PSF 372.

**Lesli Doan**, PhD, Ed. Psy., 10:00 a.m., April 10, EDB 304.

**William Endres**, PhD, Engl., 10:00 a.m., April 10, LL 316.

**Joe Graham**, PhD, Bio. Engr., 1:00 p.m., April 10, SCOB 302.

**Luis Lesser-Carillo**, PhD, Civ. and Envr. Engr., 1:00 p.m., April 10, BYENG 660.

**Michael McConnell**, PhD, Plnt. Bio., 1:00 p.m., April 10, LSE 204.

**Christine Shropshire**, PhD, Bus. Adm., 2:30 p.m., April 10, BA 323-E.

**Elia Hatfield**, PhD, Span., 3:00 p.m., April 10, LL 272.

**Jennifer Triplett Kingston**, PhD, Civ. and Envr. Engr., 3:00 p.m., April 10, BYENG 660.

**Ishtiaq Ahsan**, PhD, Elec. Engr., 8:30 a.m., April 11, ERC 490.

**Frederick Diller**, PhD, Engl., 9:30 a.m., April 11, LL 316.

**Marcos Perez Estrella**, PhD, Econ., 10:00 a.m., April 11, BAC 664.

**Tatiana Keeling**, PhD, Engl., 10:00 a.m., April 11, LL 103.

**Timothy Ruback**, PhD, Pol. Sci., 11:00 a.m., April 11, COOR 6761.

**Zimin Zhong**, PhD, Math., 11:00 a.m., April 11, ECG 227.

**Paul Schuck**, PhD, Mat. Sci. & Engr., 1:00 p.m., April 11, ECG 303.

**Susan Goldsmith**, PhD, Env. Des. and Pln., 1:30 p.m., April 11, CDS 127.

**Heather Dye**, PhD, Civ. and Envr. Engr., 2:00 p.m., April 11, ECG 252.

**Heechun Kim**, PhD, Bus. Adm., 2:00 p.m., April 11, BA 323-E.

## Intercultural communication pioneer Jain to retire from ASU

By Erica Velasco

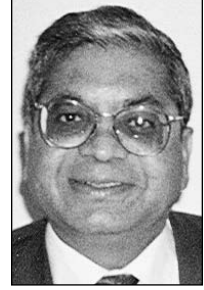
When the field of intercultural communication started in the early 1970s, Nemi Jain was one of its pioneers. Now, after spending a lifetime teaching students about communicating across cultures, Jain, a professor in ASU's Hugh Downs School of Human Communication, is retiring.

"I have taught at five universities for 45 years and I want to put some of that knowledge to work," says Jain, whose research has focused on Mahatma Gandhi's approach to nonviolence through communicative silence. "I am retiring for three reasons: to conduct cross-cultural communication training, do some writing and to travel."

Jain says he will continue to stay involved as a professor emeritus, teaching at seminars and conducting conferences on cross-cultural communication.

"Nemi Jain, as a teacher and scholar, has been a major inspiration not only to the advancement of intercultural communication as a field of study, but also to a generation of students who have gone on

to apply his teachings to their own very diverse academic and professional fields," says professor H.L. "Bud" Goodall Jr., director of the school in the College of Liberal Arts and Sciences. "He will be missed but always remembered."



Nemi Jain

Jain joined the ASU faculty in 1976. He says it was at a time when the Arizona Board of Regents indicated that a university of ASU's size should have a curriculum in intercultural communication because of the state's large Hispanic population, shared border with Mexico, more than 20 American Indian tribes and a complex, diverse enrollment.

Jain was recruited to establish a graduate program in cross-cultural communication to address the state's complexity.

In 1987, a doctorate in intercultural communication and cultural studies was established at ASU. It was ranked the top graduate program in the country in 1996 by the National Communication Association.

"I felt good that we had created a program – a graduate program – that was very much valued," Jain says.

In addition to building the program, Jain conducted research on Gandhi's approach to nonviolence through communicative silence. Jain believes that studying human rights and social justice can provide key lessons to our society's relationships with diverse ethnic groups.

His research on the Gandhi-Martin Luther King Jr. connection provides some lessons as well. Jain evaluates the similar ideas between Gandhi and King regarding human and civil rights. They both believed that actions speak louder than words.

Jain believes that it is everyone's moral responsibility to fight prejudice and oppression. He commits to a saying that Gandhi and King shared: "A failure of justice to anyone is injustice to everyone."

Jain already has passed the baton to his colleagues, training four faculty members to teach courses in cross-intercultural communication at ASU.

"I've always been much more interested in using knowledge – putting knowledge

to work – and that is done through consulting and training," Jain says.

Part of his consulting will include training hundreds of teachers who go to African countries to teach teachers. He says it's important to recognize that people of different cultural backgrounds have different kinds of needs and problems. His goal is to extend the program to include other international destinations by seeking more funding.

Traveling around the world is another goal for retirement. Jain is working on a manuscript on the concept of silence, researching Gandhi, which will require large blocks of time in India.

"I have made my impact," Jain says. "I came with a mission. I accomplished it in 1996 when the school was recognized nationwide."

A retirement reception in Jain's honor will take place at 4:30 p.m., April 24, at the House of Tricks, located at 114 E. Seventh St. in Tempe.

Velasco, with the College of Liberal Arts and Sciences, can be reached at (480) 965-1156 or [erica.velasco@asu.edu](mailto:erica.velasco@asu.edu).

## Truman Scholar Mauney not content to just stand on sidelines of life

(Continued from page 1)

ASU in 2005, as a freshman in Barrett, the Honors College, as well as the College of Liberal Arts and Sciences.

Since then, Mauney has been active as chairman of the Arizona Students' Association and director of government relations for Undergraduate Student Government. Last year, he went before the Arizona Board of Regents to talk about tuition increases, after rallying the three state university student governments around his idea of tying tuition increases to legislative appropriations.

"For the first time, a student-submitted tuition pro-

posal was the basis for discussion rather than a footnote," Mauney says. "The regents created a compromise, and we had laid the groundwork for the future."

He's also worked on a number of statewide political campaigns along the way.

Last year he won a National Security Education Program grant to study in Brazil. For six months, he took classes in economics, political science and international relations, also learning to speak Portuguese. It intensified his interest in international trade issues, and his desire to assist developing countries.

Nancy Roberts, an ASU economics professor, says

Mauney is "extremely bright, curious about many things and intuitive, a gifted and hardworking scholar with great potential to succeed in whatever he chooses to do. He's a leader with an innovative and cooperative spirit, and he has the respect of his peers."

Mauney eventually wants to work in Congress to eliminate high import tariffs and domestic price supports, to increase trade fairness for developing countries. He'd also like to serve in the Arizona Legislature, improving education policy.

Auffret, with Media Relations, can be reached at (480) 965-6991 or [sauffret@asu.edu](mailto:sauffret@asu.edu).

## In BRIEF

### Professor's lecture studies meaning of peace

Ira Chernus, professor of religious studies at the University of Colorado-Boulder, will give a free lecture at 7 p.m., April 10, at Armstrong Hall on ASU's Tempe campus, titled "What Do We Mean When We Say We Want Peace?"

Chernus, former co-director of UC-Boulder's Peace and Conflict Studies program, is the author of "Monsters to Destroy: The Neoconservative War on Terror and Sin" and "American Nonviolence: The History of an Idea."

He teaches courses on religion and nonviolence; religion, war and peace in U.S. history; and religion and nationalism.

The lecture is part of the Center for the Study of Religion and Conflict's Initiative in Religion, Conflict and Peace Studies, a three-year project made possible by the generous contributions of a private donor.

A book-signing and reception will follow the lecture, which is free and open to the public. For more information, call (480) 727-6736 or go to [www.asu.edu/csrc](http://www.asu.edu/csrc).

### Renowned behavioral biologist to visit ASU

Internationally renowned behavioral biologist Rüdiger Wehner will speak about "Desert Ant Navigation: Mini Brains – Mega Tasks – Smart Solutions" at 3:30 p.m., April 10, in Life Sciences E-wing, room 104.

Wehner, an internationally renowned behavioral biologist, holds a professorship in neurobiology with the University of Zurich, where he is the director of the Institute of Zoology. His research examines insect behavior and associated underlying neural systems related to sophisticated navigational tasks, including the complex visual mechanisms underlying skylight (polarized light) navigation, path integration, and piloting by visual landmarks in ants, bees and crickets.

Wehner has written or co-written more than 95 publications since 1995, including publications in *Science*, *Nature* and the *Journal of Experimental Biology*.

The lecture is co-sponsored by ASU's Center for Social Dynamics and Complexity and the School of Life Sciences.

For more information, contact Barb Hoffman at (480) 965-2705 or visit the Web site [www.asu.edu/clas/csdc](http://www.asu.edu/clas/csdc).

### Human habitation in Central Asia sparks lecture

How long have humans inhabited greater Central Asia? John Olsen, a faculty member at the University of Arizona, will address this question during a free lecture at 7 p.m., April 17, in Life Sciences Center A-191 on ASU's Tempe campus.

The lecture is titled "The Initial Peopling of the Tibet Plateau and Mongolia."

Archaeological studies undertaken during the last decade in Mon-



TOM STORY PHOTO

## Controlling interest

**Bernadette Melnyck, right, dean of ASU's College of Nursing & Healthcare Innovation, gets some help operating a backhoe from Todd Boatner at the groundbreaking ceremony for the college's second building at the Downtown Phoenix campus April 1. The new five-story, 84,000-square-foot facility will provide five new classrooms for nursing students.**

golia, China and Tibet shed light on the earliest prehistoric human habitation of a varied ecological corridor running from Lake Baikal in southern Siberia, south through the Gobi Desert and up to the elevated Tibetan Plateau, north of the Himalayan massif, Olsen says.

The lecture is sponsored by the ASU School of Human Evolution and Social Change, and the Central Arizona Society of the Archaeological Institute of America.

For more information, contact Liz Griesman at (623) 974-0297 or [elizabeth.griesman@asu.edu](mailto:elizabeth.griesman@asu.edu).

## Graduate schools at ASU sparkle in magazine's latest rankings

(Continued from page 1)

in 2008 *America's Best Architecture & Design Schools*, the ASU master of architecture program was ranked fifth in the west, and the graduate program in interior design seventh nationally.

Each year, *U.S. News* ranks professional school programs in business, education, engineering, law and medicine. The rankings are based on two types of data: expert opinion about program quality and statistical indicators. Surveys of more than 1,200 programs and 14,000 academics and professionals were conducted last fall.

The University of Arizona had no top 25 colleges in the new ranking of graduate schools. The UA garnered top-10 rankings in audiology, analytical chemistry, Earth science, geology, information systems, pharmacy, rehabilitation counseling, social psychology and speech-language pathology.

"We do not define ourselves by rankings, but it feels good to be recognized for the hard work that our team has put into continuously improving our school and the world-class education our students receive," says Robert E. Mittelstaedt Jr., dean of the Carey School. "The attention of faculty and talented staff helps produce graduates who are well qualified, confident and capable."

Robert B. Denhardt, director of the School of Public Affairs, says this is the highest ranking ever for the school and a tribute to faculty, staff, students and alumni.

"Our top 10 ranking in urban management clearly reflects our school's commitment to advancing urban management in a global context," he says. "And our top 10 ranking in public administration recognizes the school's continued commitment to preparing students for positions in local, state, and federal government and nonprofit organizations."

Auffret, with Media Relations, can be reached at (480) 965-6991 or [sauffret@asu.edu](mailto:sauffret@asu.edu).

## West campus earns distinction as Phoenix's newest 'Point of Pride'

By Steve Des Georges

ASU's growing West campus has even more to brag about these days. It is one of Phoenix's most recent honorees as a "Point of Pride."

"This is wonderful recognition for ASU and the West campus," says Elizabeth Langland, a university vice president and dean of the New College of Interdisciplinary Arts and Sciences. "Everyone associated with the West campus has always recognized this setting as a special place to learn, as a place with world-class faculty, as a campus to be proud of. With this recognition, we continue to take our message to more people."

Joining the West campus as a Phoenix Point of Pride are the Cutler-Plotkin Jewish Heritage Center and the Burton Barr Library – a trio of winners in a city contest held once every four years.

The West campus was nominated in 2007 and was selected by the Phoenix Pride Commission as one of 10 finalists in December. Voting began in February and ended March 20. In addition

to the three new Points of Pride, finalists were North Mountain Visitor Center, Chase Field, Royal Palms Resort and Spa, George Washington Carver Museum and Cultural Center, Cesar Chavez Park, Pioneer Living Museum and Murphy Bridle Path.

The Phoenix Point of Pride program, created in 1991, recognizes a landmark or attraction unique to and located within Phoenix that evokes a sense of pride among area residents. Currently, there are 30 Points of Pride in the city.

In choosing the 300-acre home to four of ASU's schools and colleges for Point of Pride consideration, the program's commission noted the West campus' creation by state legislature in 1984, its nearly 9,000-strong student body, and its location in northwest Phoenix where it serves as "the centerpiece of a burgeoning region of commerce, recreation, arts and lifelong learning opportunities."

Mark Ceser, an ASU alumnus who earned his bachelor's degree in communications at the West campus in 1994, cast his vote for the campus,

scheduled to celebrate its 25th anniversary in 2009.

"My pride in the West campus is a direct result of my experience there," Ceser says. "Faculty and staff are constantly involved in improving the community – not just through their teaching and the education of students, but through actual, meaningful partnerships with outside organizations and individuals. I'm proud of the friends I made and the mentors I had at ASU who are people who will remain with me for a lifetime."

The campus, home to ASU's New College, College of Human Services, College of Teacher Education and Leadership, and School of Global Management and Leadership, offers more than 40 undergraduate, graduate and doctoral programs and is a commanding and respected component of ASU's multicampus "New American University" vision.

"The West campus is the embodiment of (ASU) President Michael Crow's focus on excellence, access and impact," Langland says. "We

have an obligation and a responsibility to the community to provide access to higher education and to be responsive to the explosive growth of metropolitan Phoenix, which continues to move west. There is excellence in our academic programs and the expertise of our nationally and internationally recognized faculty, and through our countless local, regional and even international partnerships, our impact is both significant and lasting."

In addition to academic prowess, the West campus also has earned a reputation for its facilities and amenities, including a meandering "Plant Walk" that features a wide variety of native flora, contemporary artwork by internationally recognized craftsmen, award-winning architecture, and lush landscaping patterned after Oxford University in England.

For more information about ASU's West campus, visit the Web site [www.west.asu.edu](http://www.west.asu.edu).

Des Georges, with Public Affairs at the West campus, can be reached at (602) 543-5220 or [stephen.desgeorges@asu.edu](mailto:stephen.desgeorges@asu.edu).

## Study: Oxygen, molybdenum deficiencies may have delayed life on Earth

(Continued from page 1)

for a while that if the oceans at that time were oxygen-deficient, they should also have been deficient in molybdenum. We've found evidence of that deficiency before, at a couple of particular points in time. The new data are important because they confirm that those points were typical for their era."

Molybdenum is of interest to Anbar and others, because it is used by some bacteria to convert the element nitrogen from a gas in the atmosphere to a form useful for living things – a process known as "nitrogen fixation."

Bacteria cannot fix nitrogen efficiently when they are deprived of molybdenum. And if bacteria can't fix nitrogen fast enough, then eukaryotes – a kind of organism that includes plants, pachyderms and people – are in trouble because eukaryotes cannot fix nitrogen themselves at all.

"If molybdenum was scarce, bacteria would have had the upper hand," Anbar says. "Eukaryotes depend on bacteria having an easy enough time fixing nitrogen that there's enough to go around. So if bacteria were struggling to get enough molybdenum, there probably wouldn't have been enough fixed nitrogen for eukaryotes to flourish."

Adds Lyons: "These molybdenum depletions may have retarded the development of complex life such as animals for almost 2 billion years of Earth history. The amount of molybdenum in the ocean probably played a major role in the development of early life."

This research was motivated by a review article published in *Science* in 2002 by Anbar and Andy Knoll, a colleague at Harvard University. Knoll was perplexed by the fact that eukaryotes didn't dominate the world until around 700 million years ago, even though they seemed to have evolved before 2.7 billion years ago.

Anbar and Knoll postulated that molybdenum deficiency was the key, arguing that the metal should have been scarce in ancient oceans because there was so little oxygen in the atmosphere in those times.

In today's high-oxygen world, molybdenum is the most abundant transition metal in the oceans. That is because the primary source of molybdenum to the ocean is the reaction of oxygen with molybdenum-bearing minerals in rocks. So the hypotheses rode on the idea that the amount of molybdenum in the oceans should track the amount of oxygen.

To test that idea, Scott, Lyons and Anbar examined rock samples from ancient sea floors by dissolving them in a "cocktail" of acids and analyzing the rock for molybdenum content using a

mass spectrometer. Many of these analyses were carried out using state-of-the-art instrumentation in ASU's W. M. Keck Foundation Laboratory for Environmental Biogeochemistry.

The scientists found significant evidence for a molybdenum-depleted ocean relative to the high levels measured in modern, oxygen-rich seawater.

By studying Earth's ancient oceans, atmosphere and biology we can test how well we understand the modern environment, Anbar says.

"Our molybdenum hypothesis was inspired by the theory that biology in the oceans today is often starved for a different metal – iron – and that the lack of iron in parts of the oceans affects the transfer of the greenhouse gas carbon dioxide from the atmosphere to the ocean," he says. "The idea that metal deficiency in the oceans can affect the entire planet is very powerful. Here, we are exploring the limits of that idea by seeing if it can solve ancient puzzles. These new findings strengthen our confidence that it can."

Staab, with the School of Earth and Space Exploration, can be reached at (480) 727-9329 or [nstaab@asu.edu](mailto:nstaab@asu.edu). Green, with the Department of Chemistry and Biochemistry, can be reached at (480) 965-1430 or [jenny.green@asu.edu](mailto:jenny.green@asu.edu).

## Researchers at ASU rise to the occasion to make contributions to yeast study

(Continued from page 1)

also directs the Center for Innovations in Medicine at the Biodesign Institute, was one of the first researchers to define the galactose regulatory system.

"The players involved in this process have been known for some time," Johnston says. "But we did not understand precisely how the components of this particular biochemical pathway worked together."

The regulation of galactose metabolism depends on three key proteins:

- Gal4p, which turns genes on.
- Gal80p, which blocks Gal4p, thereby turning genes off.
- Gal3p, which overcomes Gal80p to overcome the blocking action of Gal4p – and, thus, turns galactose-metabolizing genes back on.

The team took the step of investigating

the architecture of the proteins involved in the pathway, at the level of individual atoms. Using a technique called X-ray crystallography, they discovered a "player" in the molecular cast of characters whose involvement had been overlooked.

The unexpected molecule the team uncovered is called NADP. Johnston and his colleagues found that NADP acted as a key mediator in the GAL4p-GAL80 tug-of-war in turning on galactose genes.

When a yeast cell changes from using glucose (a simple sugar) as a nutritional source to using galactose (a more complex sugar often found in dairy products and vegetables such as sugar beets), NADP is called into action. It "docks" to Gal80p, which acts along with Gal4p, adapts the metabolism of the yeast cell so that it can make use of galactose.

"Importantly, changes in cellular levels of NAD, a close relative of NADP, had previ-

ously been linked to a gene circuit that controls aging and longevity in a large number of different organisms, including yeast but also including animals," says professor Rolf Sternglanz of Stony Brook University in New York, a co-author of the study.

### Why the regulatory cascade is important

"It is becoming increasingly clear that the metabolic state of a cell is linked to the expression of its genes in a way that affects biological processes of many kinds, ranging from cancer to aging," Joshua-Tor says.

The biochemical cascade identified by the team is part of a complex chain of events whose object is regulation of the output of specific genes.

The team's work helps explain how links in that gene-regulatory chain are constructed.

"Gene-regulatory proteins affect every property of a cell and have long been recognized as possible targets for drugs," Joshua-Tor says. "However, these types of proteins have proven resistant to the chemistry of modern drug design. A detailed understanding of how gene regulatory proteins are controlled may offer new and unanticipated opportunities to design drugs that would affect this class of proteins."

"NADP Regulates the Yeast GAL Induction System" appeared Feb. 22 in *Science*. The complete citation is as follows: P. Rajesh Kumar, Yao Yu, Rolf Sternglanz, Stephen Albert Johnston, Leemor Joshua-Tor. The paper is available at the Web site [www.sciencemag.org/cgi/content/abstract/319/5866/1090](http://www.sciencemag.org/cgi/content/abstract/319/5866/1090).

Caspermeyer, with the Biodesign Institute, can be reached at (480) 727-0369 or [joseph.caspermeyer@asu.edu](mailto:joseph.caspermeyer@asu.edu).

## EMPLOYMENT

The following positions are available as of April 4 and are subject to change. All positions will be advertised in *Insight* only once. The staff requisition or job order number for each position is indicated by the (#) sign. ASU is an equal opportunity-affirmative action employer.

### ASU POSITIONS

A complete job announcement for classified, administrative and service professional positions at the Downtown Phoenix, Polytechnic, Tempe and West campuses is available on the Human Resources Web page at [www.asu.edu/asujobs](http://www.asu.edu/asujobs), or the Telecommunication Device for the Deaf at (480) 965-3002.

For complete position descriptions and application requirements for academic positions, contact the appropriate department listed below. Faculty, academic professional and graduate assistant positions are also listed on the Human Resources Web sites and details must be obtained from the hiring department. Application deadlines are listed.

Dates listed are application deadlines, and application material is due by 11:59 p.m. on that date. Positions are 100 percent, full-time employment (FTE) unless otherwise noted. Codes below are: (O) – position is open to the public; (L) – position is limited to current ASU, Northern Arizona University, University of Arizona and Arizona Board of Regents employees.

### STAFF POSITIONS

#### TEMPE CAMPUS

##### Professional

Accounting Associate (O) #14571 – Financial Services (April 11).

Application Programmer (O) #14591 – College of Liberal Arts and Sciences (April 18).

Business Manager (O) #14597 – Walter Cronkite School of Journalism and Mass Communication (April 9).

Coordinator (O) #14600 – W. P. Carey School of Business/The Center for Advancing Business through Information Technology (CABIT)/Department of Information Systems (April 22).

Disability Access Consultant (O) #14546 – Disability Resource Center (April 18).

Human Resources Consultant (O) #14582 – VP University Administration-Office of Human Resources (April 9).

Human Resources Manager (O) #14581 – VP University Administration-Office of Human Resources (April 9).

Human Resources Specialist Senior (O) #14576 – VP University Administration (April 9).

Management Intern (O) (Part-time) #14556 – Student Development (April 18).

Management Intern (O) (Part-time) #14557 – Student Development (April 18).

Marketing & Communications Manager-Entrepreneurship at ASU (O) #14562 – VP-Public Affairs (April 11).

Program Coordinator (O) #14584 – Campus Recreation (April 18).

Specialist Senior (O) #14583 – School of Life Sciences (April 9).

#### Administrative support

Credentials Evaluator (O) #14587 – Undergraduate Admissions (April 11).

Ticket Sales Representative (O) (part-time) #14569 – Intercollegiate Athletics-Sales Academy (April 4; every week thereafter until search is closed).

#### DOWNTOWN PHOENIX CAMPUS

##### Professional

Accounting Associate (L) (part-time) #14580 – College of Public Programs (April 9).

Coordinator-Residential Community Education (O) #14579 – VP University Student Initiatives/Residential Life (April 18; every two weeks thereafter until

search is closed).

Coordinator Senior (O) #14598 – College of Nursing & Healthcare Innovation (April 10).

#### POLYTECHNIC CAMPUS

##### Professional

Assistant Pool Manager (O) #14586 – Polytechnic campus (April 15).

#### WEST CAMPUS

##### Professional

Administrative Assistant (O) #14592 – College of Teacher Education and Leadership (April 11).

#### ACADEMIC POSITIONS

##### TEMPE CAMPUS

Director #9144 – Provost-Center for Learning & Teaching Excellence (May 2; every week thereafter until search is closed).

#### POLYTECHNIC CAMPUS

Associate Dean #9130 – School of Educational Innovation & Teacher Preparation (April 18; every week thereafter until search is closed).

Visiting Assistant Professor #9143 – Morrison School of Management and Agrribusiness (April 15; every week thereafter until search is closed).

## Law experts offer State Bar exam help

By Janie Magruder

As part of its 75th anniversary celebration, the State Bar of Arizona is sponsoring three interactive programs for students that will bring to the Sandra Day O'Connor College of Law two leading experts on law-school exams and the bar exam.

The State Bar's Diamond Jubilee Workshops were created to demonstrate its appreciation to Arizona's law schools for the outstanding job they do in preparing the attorneys of tomorrow, says Patricia Giallanza, the State Bar's director of communications.

The State Bar was founded March 17, 1933.

"Graduates of the Sandra Day O'Connor College of Law rank among the finest members of our state's legal profession," Giallanza says. "We hope that most of these graduates will choose to remain in Arizona after graduation, and we look forward to welcoming them into our organization."

Corie Rosen, the College of Law's director of the academic support program, says the free sessions will provide students strategies for approaching, reading and writing exams.

"We are incredibly lucky to have this exciting sponsorship from the Arizona State Bar," Rosen says.

The first workshop, "Deconstructing Legal Analysis: An Academic Success Workshop," took place April 3.

The second workshop, "Breaking Down the Bar: Strategies for Success on the Arizona Bar Exam," will be given by Paula Manning, associate dean of the Institute for Student and Graduate Academic Support at Whittier Law School in Costa Mesa, Calif. The session will take place from 9 a.m. to 5 p.m., April 5, in room 144 in Armstrong Hall on the Tempe campus.

For more information, contact Rosen at (480) 727-8727 or corie.rosen@asu.edu.

Magruder, with the College of Law, can be reached at (480) 727-9052 or jane.magruder@asu.edu.

## College of Law names prize in honor of Schroeder

By Judy Nichols

Mary Schroeder, who is stepping down after seven years as chief judge for the Ninth U.S. Circuit Court of Appeals, recently was honored as the Sandra Day O'Connor College of Law awarded a \$10,000 prize in her honor to a law student committed to public service.

The prize, organized and funded in large part by Schroeder's current and former law clerks, was given to Cheryl Kane, a third-year law student who will graduate in May.

"I'm deeply honored," said Kane, who will use the money to defray her law school debts. "It's great to encourage top students to go into public service."

Patricia White, dean of the College of Law, said the award will carry on Schroeder's legacy.

"We wanted to recognize and thank this extraordinary person, woman, public servant and judicial leader," White said. "The country is in your debt."

"By making this the biggest award the College of Law gives, we are sending an important signal to students, that public service is deeply important. Mary's legacy as the public service 'queen' will last a very long time."

White said that, after deciding to create the Schroeder Prize, the college contacted Michael Traynor, senior counsel at Cooley Godward Kronish in San Francisco and president of the American Law Institute, to put the plan in motion.

Traynor described Schroeder as a "one of the greatest judges in our country."

"She has battled against efforts to split the Ninth Circuit, and successfully put that to bed," Traynor said.

Schroeder said she was gratified by the prize.

"I'm surprised and pleased that people would actually contribute money for this," Schroeder said. "It's a wonderful idea, and the concept that I would be remembered for public service is great."



Cheryl Kane



Mary Schroeder

The award was presented at Hohokam Stadium, where Schroeder, a 1965 graduate of the University of Chicago Law School and fanatic Chicago Cubs supporter, watched the Cubs battle to a 10-10 tie with the Milwaukee Brewers in a preseason baseball game.

Before the game, Schroeder laughed as the scoreboard said: "Congratulations Judge Mary Schroeder. Top of the 9th (Circuit Court of Appeals) for seven years."

The college also gave Schroeder a bronze sculpture of a horse done by artist Cynthia Rigdon, a miniature version of one given to retired U.S. Supreme Court justice Sandra Day O'Connor on the naming of the college in her honor.

Schroeder, who had been a trial attorney with the civil division of the U.S. Department of Justice and served on the Arizona Court of Appeals, joined the Ninth Circuit in 1979, appointed by President Jimmy Carter.

She was the youngest woman appellate judge in America at the time.

She became the first woman chief judge in 2000, when she took leadership of the Ninth Circuit, the largest judicial circuit, which encompasses Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, Oregon, Washington, and the islands of Guam and the Northern Marianas.

The court serves about 20 percent of the nation's population and wrestles with some of the most controversial issues, such as immigration, legalization of marijuana and religion in schools.

Kane graduated summa cum laude in English from Albion College in Michigan, and was associate managing editor of the Arizona Law Journal, a member of the Women's Law Student Association and a Willard H. Pedrick Scholar.

Kane's husband, Peter Wonka, is an assistant professor in computer sciences at ASU.

Nichols, with the College of Law, can be reached at (480) 727-7895 or judith.nichols@asu.edu.

## Supreme Court justices visit with ASU law students

By Janie Magruder

The Arizona Supreme Court spent about 90 minutes listening to attorneys argue the facts of two cases and quizzing them about parts of the law during a visit March 25 to the Sandra Day O'Connor College of Law.

After the oral arguments, the justices took the time to candidly answer questions from the audience, which included the proper preparation of cases, grooming for a judicial career and the perks of being on the state's highest court.

"I like being called 'Your Honor,'" said justice Michael Ryan, class of 1977.

"I look great in black," added Justice Andrew Hurwitz.

The five judges, three of whom are alumni of the ASU law school, seemed to enjoy this annual exchange with the mostly first-year law students. This time, a delegation of judges and attorneys from Kyrgyzstan, visiting the U.S. for the first time to learn more about justice, also attended.

Being on the Supreme Court is an opportunity to work with people who care deeply about researching facts and fairly deciding interesting cases, said chief justice Ruth McGregor, class of 1974. But it's more than case law, McGregor added, noting the justices also work on programs that help ensure victims' rights and improve the efficiency of the juvenile courts, among others.

"It's a really great job," she said.

The Arizona Supreme Court is a unique animal, said justice Scott Bales.

"We always sit together and are small enough to operate in collegial fashion, which is unique to our court system," Bales said. "Every week is like a seminar dealing with a very different legal question."

Hurwitz, a former trial attorney, said maintaining neutrality behind the bench is "not for sissies."

"A lot of times we decide cases in a way we wouldn't if we were perfectly free to represent our

own preferences," he said. "It's not a downside, but it's a 'hard side.'"

The students asked the justices to reveal the good and bad things attorneys do in their briefs and oral arguments. Ryan said it's helpful when lawyers include a concise introduction in their briefs that provides a roadmap of the issues.

"But when attorneys raise issues that are meritless, that have been decided numerous times, it's baffling to me," he said. "Sit down and decide what's really the important issue, and focus your brief on that."

Justice Rebecca Berch, class of 1979, the former director of the Legal Writing Program at the College of Law, said clear writing stems from clear thinking.

"Explain your case to a friend," Berch said. "Talk it through. Get your case down cold."

Magruder, with the College of Law, can be reached at (480) 727-9052 or jane.magruder@asu.edu.

## Justice Project moves to law school, hires executive director

By Judy Nichols

The Arizona Justice Project, a nonprofit organization dedicated to exonerating those wrongfully convicted and correcting other manifest injustices, is moving to ASU's Sandra Day O'Connor College of Law. For 10 years, the project has been housed at Osborn Maledon, P.A., where attorney Larry Hammond has served as chair.

The move is made possible by a \$150,000 grant from the Arizona State Bar's nonprofit foundation, the Arizona Foundation for Legal Services and Education, which also will allow the project to hire its first permanent staff, including an executive director, a development director and an administrative assistant.

"The Arizona Justice Project has long set a high standard for the quality of its work in its pursuit of the rights of those who have been denied the justice our legal system has been set up to guarantee," says Patricia White, the college's dean. "The quality of the legal work its volunteers have provided, and the enormous commitment to justice that they have shown, have made it a national exemplar. We are very proud to welcome the project to the Sandra Day O'Connor College of Law and are confident that those standards will continue, and that our students and faculty will benefit enormously from the opportunity presented by its being here."

Hammond praised the move.

"The Arizona law schools have been the lifeblood of this project from the beginning, but this relocation will allow us to work at levels never before possible," Hammond says. "Arizona Attorneys for Criminal Justice (AACJ) and all of those who have volunteered with the project over the last decade owe a tremendous debt of gratitude to Dean White, the Sandra Day O'Connor College of Law and to the Bar Foundation's leadership."

Professors Bob Bartels at ASU and Andy Silverman at the University of Arizona have coordinated work at the law schools. Students from Phoenix School of Law also will participate.

"The project runs on volunteer work, and the best source is law students," Bartels says. "Moving to the law school will make



Bob Bartels



Larry Hammond



Carrie Sperling

it easier for the students and will forge a connection with faculty members who are experts in the area."

Bartels adds that it also is more feasible for the project to conduct its research in an academic environment.

Carrie Sperling, a visiting associate clinical professor at the College of Law, has been chosen as executive director. Sperling spent five years as an assistant professor at the University of Oklahoma College of Law in Norman, Okla., and has more than a decade of experience in civil rights and post-conviction relief litigation.

"You learn that mistakes can be made and innocent people convicted," Sperling says. "Someone has to hold the system accountable. My real excitement is the ability to bring in students to get hands-on experience in the real world. It exposes them to a side of the law they might not have thought about. And these are rewarding cases."

Also joining the Justice Project's staff is Vera Hamer-Sonn, a member of the College of Law staff since 1999.

The Arizona Justice Project was founded by Arizona Attorneys for Criminal Justice, and was one of the first handful of innocence projects that now number more than 40 across the country. It relies almost exclusively on the volunteer work of lawyers, investigators, experts and consultants. More than 2,500 cases have been reviewed, and about 50 are either in court or being evaluated at

any one time. The cases have included actual innocence, overly harsh sentencing and ineffective assistance of counsel, among other issues.

In one case, *State v. Lacy*, Byron Lacy was convicted of manslaughter and aggravated assault and sentenced to 17 years in prison. The convictions stemmed from an incident outside a Phoenix "social club" in which shots were fired from several different directions; a security guard was killed and a bystander wounded. Lacy claimed he only fired warning shots into the air from his handgun after others had started shooting. A Justice Project team from the ASU College of Law showed that Lacy's trial attorney had not investigated the case adequately, and that the state's own evidence demonstrated that the fatal bullet hole in the victim's skull was too small to have been made by a bullet from Lacy's gun. Lacy's convictions eventually were reversed, and the charges were dismissed because the evidence was not consistent with his guilt.

A permanent staff will help manage the numerous volunteers. Over the past decade, hundreds of students have been involved, nearly 50 at any given time, and 60 to 70 in any academic year. Private attorneys, law professors and investigators also volunteer their time for the project.

Students research and investigate cases, write briefs, prepare cases for court and argue before the Board of Executive Clemency.

Bartels says the students learn a tremendous amount about the legal system by working on the cases.

"There is a lot to learn about how the system works," Bartels says. "They see what bad lawyers and good lawyers can do. In class, law students usually deal with established sets of facts, and very few ever get to investigate the facts. Through the project, they learn how hard it is to find and deal with evidence, how to prove what really happened."

The project also is seeking additional funding to help analyze the use of DNA evidence in Arizona.

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