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## United Way duffers

ASU's University Administration held its first United Way Golf Tournament Sept. 19 at ASU's Karsten Golf Course. Twelve players from the offices of General Counsel, Human Resources and Information Technology participated in the nine-hole team scramble.

The winning team, which posted a score of 2-under-par, included Paul Ward, vice president of University Administration and General Counsel; Phil Potter, with the Office of Human Resources and Employee Assistance Office; Cynthia Weblar, with the Office of Human Resources Staffing; and Kris Werner, with the Office of Human Resources' HR Partners.

The event earned \$375 for the United Way.

## Education fair

ASU's Education unit at the Polytechnic campus will hold its annual Education Fair from 9 a.m. - 3 p.m., Oct. 1, in the Student Union and the Agribusiness Center at the campus, located in southeast Mesa.

With so much to offer this year, K-12 educators and administrators will have quite an educational experience and might even have a difficult time choosing which workshops to attend, according to Debi Molina-Walters, a clinical assistant professor and the event's organizer.

"This year's fair will incorporate workshops, breakout sessions and education-related vendors," Molina-Walters says. "Intel and SRP also are getting involved by sponsoring the event, as well as holding sessions."

Educators will have an opportunity to network and share their educational connections and creative ideas in the "Make n' Take" activities. In addition, 40 different one-hour workshops will be offered. Some of the workshops will focus on making science and non-fiction fun, Arizona wildlife, agriculture, distance learning and grant writing.

The information offered at the event is expected to have a direct benefit for the educators' students, too. The more teachers know, the better they are at meeting the diverse learning needs in the classroom — all the better for students, Molina-Walters says.

The fair is open to educators and teacher's aides, as well as those involved in homeschooling.

There is a \$20 registration fee, and the registration deadline is Sept. 25.

For more information, contact Molina-Walters at (480) 727-1510 or (drmo@asu.edu), or visit the Web site (www.east.asu.edu/ecollege/elementaryed/edfair.htm).

## Grants fund research to tackle spinal cord injuries

By Gretchen Dobosz

Ranu Jung and James Abbas are on a roll. The ASU researchers recently secured four grants, totaling \$3.9 million, to advance efforts to repair or replace lost function for people with spinal cord injuries or other neurological disorders.

Jung and Abbas co-direct the Center for Rehabilitation Neuroscience and the Rehabilitation Engineering at ASU's Biodesign Institute. The center's focus is on

developing and using new scientific knowledge and engineering technology to address the complex physiological, medical and societal problems presented by neurological disability.

In April, Jung was awarded \$404,000 from the National Institutes of Health (NIH) to design, fabricate and test a neural clamp for recording activity from the spinal cord that might someday guide development of "smart" prosthetics.

In June, he received a \$1.3 million NIH grant to purchase a sophisticated imaging system.

In July, Abbas received an \$870,000 NIH grant to create a system that could allow those with spinal cord injuries to regain greater independent function. Most recently, Jung received a \$1.3 million computational neuroscience grant from the NIH in August to gain a comprehensive understanding of spinal cord injuries in the hopes of

developing advanced models for rehabilitative treatments.

"Securing the resources to do this research expands our opportunity for greater discovery and design," Abbas says. "We work with many individuals who have spinal cord injuries or neurological diseases. They give us inspiration to do everything possible to translate our research quickly into innovative, tangible applications to improve

(See GRANTS on page 7)



TIM TRUMBLE PHOTO

Shirley Abrahamson, left, chief justice of the Wisconsin Supreme Court, and retiring U.S. Supreme Court Justice Sandra Day O'Connor, center, listen to remarks by Ruth McGregor at an awards ceremony Sept. 19. McGregor, an ASU College of Law alumna and Arizona Supreme Court Justice, was presented the Dwight D. Opperman Award for Judicial Excellence by the American Judicature Society.

## Judicial stars honor McGregor

By Franklyn Jeans

An awards ceremony held Sept. 19 that honored ASU College of Law alumna and Arizona Supreme Court Chief Justice Ruth McGregor provided ASU law students, faculty and staff a rare opportunity to hear from three of the top female jurists in the nation.

U.S. Supreme Court Justice Sandra Day O'Connor highlighted a meeting of the American Judicature Society (AJS) in which McGregor was presented the society's Dwight D. Opperman Award for Judicial Excellence.

O'Connor and McGregor were joined

by last year's Opperman Award recipient, Shirley Abrahamson, chief justice of the Wisconsin Supreme Court.

It was O'Connor who introduced McGregor, who served as one of her clerks during her first Supreme Court term.

"I know her character, personality and intellectual ability," O'Connor said. "I don't know of anyone with greater ability or a nicer manner. Ruth shows so much common sense along with her great intellectual ability. I'm not surprised and can't imagine anyone better to be selected for the Opperman Award."

(See JUDICIAL on page 6)

## 17 Chinese environmental delegates set to visit ASU

By Mike Price

Seventeen Chinese environmental scientists and administrators will visit ASU as part of a two-and-a-half-week tour of universities across the nation focusing on sustainability issues. The ASU branch of the tour, to take place Oct. 25 - 29, will feature a symposium on urbanization, land use and related issues at ASU's International Institute for Sustainability (IIS).

ASU School of Life Sciences professor and trip organizer Jim Elser says the itinerary also includes visits to Columbia University, the Institute for Ecosystem Studies in New York, the University of Vermont and the research arm of the San Diego Zoo.

Along with the sustainability symposium, the delegates will interact with research and management staff at the Grand Canyon National Park, ASU's Decision Center for a Desert City in Tempe, and the Desert Botanical Garden in Phoenix, Elser says.

"This visit involves a group of highly placed Chinese researchers and science administrators leading some of the most ambitious and innovative research programs in ecology and related fields in China," Elser says. "These people are collectively in a position to make important decisions about research priorities and institutional relationships regarding ecological research in China."

The trip, a follow-up to the visit by U.S. scientists to China in June, is important

(See CHINA on page 6)

## Alumni Association aims to boost support for university athletics

## 'Sparky's Touchdown Tailgates' debut at ASU

By Liz Massey

The ASU Alumni Association is enhancing the "tailgate culture" at Sun Devil football games this season with the introduction of "Sparky's Touchdown Tailgates."

The association is aiming to cultivate greater alumni support for university athletics by playing host to four events: two at home games on Oct. 1 and Nov. 25, and two at away games versus Stanford and UCLA.

This year's events are seen as a way to help university supporters establish stronger connections with ASU. The association hopes to gain momentum for the new venture from its status as the only university entity offering organized tailgate events to the general public.



According to Christine Wilkinson, Alumni Association president, the overarching strategy is to increase fan awareness and spirit in support of the football team and college athletics.

"Fans and alums want to cheer on their team," she says. "The tailgate will

provide a pregame activity, and it gets people excited about the game. We want to provide alums and their friends with an easy, fun avenue to connect with ASU."

The tailgates are open to the general public.

(See ALUMNI on page 7)

Jonathan and Maxine Marshall Distinguished Lecture

## Pulitzer Prize winner Hersh visits Tempe campus Sept. 28

By Sharon Keeler

Seymour Hersh, one of America's premier investigative reporters, will speak at ASU's Gammage Auditorium at 7:30 p.m., Sept. 28.

Hersh will be on the Tempe campus to deliver the Jonathan and Maxine Marshall Distinguished Lecture. The title of his talk is "Chain of Command." A book-signing will follow.

The annual lecture series brings to ASU nationally known scholars concerned with promoting culture through the humanities and a better understanding of the problems of democracy.

Hersh's talk is free and open to the public, but tickets must be reserved by going to the Web site (<http://clas.asu.edu/newsevents/publicevents/marshall/MarshallTickets.aspx>), or by calling (480) 965-0051.

Hersh has uncovered some of the most important news stories of our times. In the process, he has shown America that power – and the exercising of that power on the international stage – comes with a price.

His work first gained worldwide recognition in 1969 for exposing the My Lai massacre and its cover-up during the Vietnam War, for which he received the Pulitzer Prize for international reporting.

During the 1970s, Hersh reported for *The New York Times*, creating more controversy with reports on the covert operations of the Central Intelligence Agency.

Hersh has published eight books, most recently "Chain of Command: The Road from 9/11 to Abu Ghraib."

His book prizes include the 1983 National Book Critics Circle Award, the *Los Angeles Times* award for biography, and a second Sidney Hillman award for "The Price of Power: Kissinger in the Nixon White House."

Hersh also has won two Investigative Reporters & Editors prizes: for the Kissinger book in 1983, and in 1992 for a study of American foreign policy and the Israeli nuclear bomb program, "The Samson Option."

In 2004, Hersh won a National Magazine Award for public interest for his three pieces, "Lunch with the Chairman," "Se-



Investigative reporter Seymour Hersh won a Pulitzer Prize for international reporting in 1969 for exposing the My Lai massacre and its cover-up during the Vietnam War. He will be on the Tempe campus Sept. 28 to deliver the Jonathan and Maxine Marshall Distinguished Lecture.

lective Intelligence" and "The Stovepipe." Keeler, with *Marketing & Strategic Communications*, can be reached at (480) 965-4012 or ([sharon.keeler@asu.edu](mailto:sharon.keeler@asu.edu)).

## Ties that bond: ASU's Lesko crafts unique gifts

By Judith Smith

ASU Regents Professor Stephen Pyne is a specialist on forest fires. So what is that pattern on his necktie? Flames, of course.

And Charles Arntzen, also a Regents Professor, is experimenting with using tomatoes to deliver vaccines. His tie, not coincidentally, sports images of tomatoes.

And Simon Peacock, divisional dean of the College of Liberal Arts and Sciences, is a geologist, so he has a tie with a marble pattern.

Where did all these wild ties come from?

From Nancy Lesko, of course.

Lesko, a manager with the School of Life Sciences (SOLS), took up quilting six years ago, and she also enjoys sewing. She decided to make a tie for Pyne when he was named a Regents Professor, and the idea took off.

Now, whenever a SOLS professor achieves a milestone, he can expect a tie from Lesko that reflects his specialty.

"I thought it was a neat way to make them feel special, and to broadcast their research areas when they go to meetings," Lesko says.

In fact, Pyne was photographed for a newspaper article wearing his fire tie.

Lesko shops for appropriately patterned cotton fabric on the Web, and she lines the ties with regular tie lining.

"I put my own label in," she says.

Lesko, who graduated from ASU with a degree in business administration, says the professors are "always appreciative" when they get a tie.

Lesko also has made ties for:

- Ronald Rutowski, who received his butterfly tie when he won

an honorable mention in the ASU Parent Association's Professor of the Year contest.

- Robert Page, whose bee tie marked his first anniversary as director of the SOLS.

- Jack Fouquette, a recent ASU retiree who has a frog tie because his research is on amphibians.

- Jon Harrison, an insect physiologist whose wife, Jennifer Fewell – also a SOLS faculty member – talked Lesko into making one for him.

Harrison's tie, which has grasshoppers, is rather "garish," Lesko says, but Harrison is pleased with it.

Lesko is working on a salamander tie for James Collins, who was just appointed an assistant director of the National Science Foundation.

"I have fabric for at least four more ties, but I haven't had time to make them yet," she says.

Now that she's firmly established herself in the tie-making business, Lesko has run across a problem: what to do when a female professor wins an award.

"Nancy Grimm was just appointed president of the Ecological Society of America, so now I have to figure out what to make for female achievers," Lesko says. "Perhaps a vest?"

Though Lesko describes Harrison's tie as "garish" – and the rest are, admittedly, rather unusual – they are a hot item in SOLS.

Every once in awhile, a faculty member catches Lesko's eye in the hallway, and she knows what's coming next: "When do I get a tie?"

Smith, with *Marketing & Strategic Communications*, can be reached at (480) 965-4821 or ([jps@asu.edu](mailto:jps@asu.edu)).

## Scholarships put focus on healthy lifestyles

By Chris Lambrakis

For ASU Exercise and Wellness students, finding scholarships just got easier, thanks to a grant from the ASU Foundation's Women and Philanthropy Scholarship. The donor-driven program focuses on inspiring, educating and encouraging women to effect change and make a difference through philanthropic endeavors.

In August, the Department of Exercise and Wellness, located at the Polytechnic campus, was awarded a \$21,000 grant to establish the Healthy Lifestyles Scholarship. The name embodies the department's vision of becoming nationally recognized in the promotion and research of healthy lifestyles.

The grant will provide seven \$1,500 scholarships to qualified students for up to two years.

"This is the first scholarship we are making available to our undergraduate students," says exercise and wellness adviser Dora Ayala. "Scholarship focus has historically been on graduate students. This new one will have an impact on our undergraduate as well as graduate students, who are typically employed as program specialists, managers and directors in settings such as work site health promotion, clinical and medical programs, community and governmental agencies, and multipurpose centers and spas."

Ayala has been busy preparing the paperwork for students to take advantage of the scholarships for the first time this semester. Juniors, seniors and graduate students who can prove Arizona residency, have a GPA of 3.0 or greater, and who can provide documented financial need are eligible to apply.

"We hope the scholarships will provide students a way to reduce the time spent working for pay and increase the time allotted to academic pursuits," Ayala says.

These monies are also helpful for attracting students, she says, adding: "Consistent scholarship funding like this is key for recruiting future students."

Students interested in applying for the Healthy Lifestyles Scholarship should contact Ayala at (480) 727-1932 or ([dora.ayala@asu.edu](mailto:dora.ayala@asu.edu)). Completed applications must be submitted by Sept. 30.

Lambrakis, with the Polytechnic campus, can be reached at (480) 727-1173 or ([lambrakis@asu.edu](mailto:lambrakis@asu.edu)).

### Report: Arizona in position to absorb "burst bubble" real estate scenario

Economy watchers already worried about the fate of a real estate "bubble" grew increasingly nervous as home prices continued to soar over the summer, but an analysis in the current issue of the *Arizona Blue Chip Economic Forecast* says supply and demand will continue to rule the market – and the Grand Canyon State is in a favorable position to withstand the forces of a deflating housing bubble.

New figures released by the National Association of Realtors show median sales prices of existing single-family homes soared 13.6 percent in summer, compared to the year before.

"While mortgage rates are largely driven by national forces, including monetary policy, there are strong local elements that influence housing prices, and it is these local factors that account for variability in the risk of falling prices," says Lee McPheters, *Arizona Blue Chip* contributing editor.

The *Bank One Arizona Blue Chip Economic Forecast* includes the consensus forecast of economists from 19 groups and institutions. It is published by the Bank One Economic Outlook Center, an affiliate of the L. William Seidman Research Institute in the W. P. Carey School of Business at ASU. For information, call (480) 965-5543.

## Redman tackles sustainability in first 2005 Honors Lecture

By Sarah Auffret

Harnessing science and technology to maintain a sustainable quality of life on Earth will be the focus of the first Honors Lecture of the year, "The Four Horsemen of Sustainability," at 5 p.m., Oct. 5, in the Agriculture Building, room 150.

Charles Redman, director of the ASU International Institute for Sustainability, will discuss "The Four Horsemen of Sustainability," describing innovative ways of reconciling economic development goals with the planet's environmental limits.

Redman will tell why sustainability is key to our collective future and give a new perspective on the environmental formula: Impact equals population times affluence times technology.

Redman's interests include:

- Human impacts on the environment.
- Historical ecology.
- The rise of civilization.
- Archaeological research design.
- Environmental education.
- Public outreach.

As the Virginia M. Ullman Professor of Natural History and the Environment, he is the author or co-author of nine books, including the most recent, "Human Impact on Ancient Environments."

The lecture series is sponsored by the Barrett Honors College, to bring to students and the community a wide range of intellectually interesting scholarly work and issues. Lectures are free and open to the public.

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# ASU Insight

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# 'Classroom czar' has designs on how New American University should look

By Judith Smith

Travelers expect hotel rooms to be attractive and clean, and to have decent furniture and window coverings.

Shouldn't university students expect the same of their classrooms?

They should, says ASU's new "classroom czar," Judy Case. But many universities don't give much thought to how the classroom looks and how it functions.

As part of President Michael Crow's goal to position ASU as the New American University, Case, ASU's first university classroom program manager, has been charged with upgrading the classrooms on the Tempe campus. She also will help plan new ones that will be opening at the Downtown campus.

Case, who most recently was a project manager with campus planning and construction at Emory University, said her goal is to make the classrooms comfortable, attractive, environmentally friendly and as highly mediated as possible.

The first thing Case did in her new post was to tour the existing classrooms on the Tempe campus – all 337 of them.

She found lecture halls in Coor Hall with the most modernized possible computer systems, including one "document camera" that lets the instructor show three-dimensional objects to the entire class.

In one up-to-date classroom, the curtains move with the push of a button, while in an older building, the draperies are so old and dirty that they are on the verge of falling apart.

Case found several classrooms in renovated office space that are poorly configured for learning.

She even found furniture from the Architecture Building in one of the engineering buildings.

Case has begun to compile a database of all the classrooms, which will list room dimensions, window locations, electrical

*"Proper window coverings will save a lot of energy, not to mention improving comfort levels and helping with visuals."*

*– Judy Case, ASU's first university classroom program manager*

outlets, furniture and window coverings, lighting, width of aisles, condition of the walls and ceiling, whether there are pencil sharpeners, podiums, map hooks, clocks and storage units, and much more.

As funds and manpower become available, the changes will begin to happen.

"One of my goals is to get rid of the tablet armchairs and go to more sophisticated furniture, such as individual tables with space for laptops, and comfortable chairs," she says. "Now, there are at least 50 different styles of furniture on campus."

Case has her eye on sleek tables in "nebula black," a neutral color that could be used in every classroom.

"Matching furniture would help with logistics and classroom colors," she says. "Plus, we would get buying power with standardized furniture."

The plan includes painting the walls, which are mainly off-white, in different colors, Case says.

"I want to introduce colors so buildings have an identity," she says.

Another goal is to standardize window coverings. Case plans to replace all the various shades and curtains with blinds that match to the window frames that will filter light and darken the rooms.

"Proper window coverings will save a lot of energy, not to mention improving comfort levels and helping with visuals," she says.

Where there is carpet, Case – who is LEED-certified (Leadership in Energy and Environmental Design) – would like to gradually switch over to carpet squares, which are easier to maintain and are "green."

"You can send your old carpet to the factory, and they re-manufacture it and send it back to you in squares," she says.

Case says her most important task is to bring top-of-the-line mediation to each classroom as soon as possible.

She hopes students will respond well to the improved classrooms, and begin to "buy in and take ownership" of them – and keep them clean.

"Classrooms get such heavy use," she says. "They have to have heavy maintenance."

Case – who is an ASU graduate – also will have a say in the construction of new classrooms at the Downtown campus, and she plans to make them as comfortable, attractive and environmentally friendly as possible.

How the classrooms look and feel is an extremely important part of the university experience, she says.

"The environment affects how people learn," Case says. "And well-designed classrooms do not occur by chance."

Smith, with Marketing & Strategic Communications, can be reached at (480) 965-4821 or (jps@asu.edu).

# Rubbing shoulders with Nobel laureates provides thrill for 2 ASU graduate students

By Michelle Martinez

It's not every day that a student researcher has the opportunity to spend a week with some of the world's greatest minds. But that's exactly what happened when ASU graduate students Stephen Straight and Mike Hambourger were asked to participate in the 55th Annual Lindau Meeting of Nobel Laureates. Straight and Hambourger were part of a group of 61 students chosen to represent the United States at this informal gathering of future scientists and Nobel Prize winners in chemistry, physics and medicine.

"The opportunity to discuss the explosion of interdisciplinary science with some of the world's most highly regarded scientists who have led their field was truly a unique experience for me," Straight says. "To hear about the discoveries that have radically changed the course of research from the researchers themselves was exceptional."

For Hambourger, attending the event was the chance of a lifetime.

"It is one of the highlights of my graduate career," he says. "This experience has provided me with a better understanding of the importance of scientific investigations, and hearing first-hand about these ground breaking discoveries has provided me with inspiration for my own research."

The meeting, which has become the largest globally organized conference in Europe for future scientists, was held June 26 – July 1 on the island city of Lindau, Germany. Those selected to attend the meeting are outstanding graduate students whose research shows potential for societal impact. This year, more than 700 students from 50 countries met Nobel Prize winners, as they attended morning lectures and afternoon discussions.

Straight attended the conference as a representative of the National Science Foundation (NSF), while Hambourger was sponsored by the Department of Energy. Both are students in the Department of Chemistry and are beginning their third year in the ASU Integrated Graduate Education and Research Training (IGERT) program in Biomolecular Nanotechnology.

IGERT, funded by the NSF, prepares students for the multidisciplinary nature of scientific research.

Hambourger's research involves biomimetic systems of solar energy conversion used to produce electricity or fuels such as hydrogen. Straight is working to design and synthesize molecules that use light to carry out mathematical logic operations, which could lead to computers that are operated by light instead of electricity.

"I am lucky enough to be working with both students on their research projects," says ASU chemistry professor Devens Gust. "They have that rare combination of creativity, motivation and self-discipline that is necessary to do well in scientific research. Even though they have been in graduate school for only two years, each has made significant discoveries that have led to publications in the major journals of our discipline. The fact that both were selected exemplifies their promise as scientists, and bodes well for their futures."

Straight says getting to know the laureates on a personal level and hearing about their professional journeys provided him with a valuable source of encouragement.

"Nobel laureates are responsible for radically moving their field forward, but yet they began by learning to be scientists in graduate school and taking small steps," he says. "As odd as it may sound, I think one of the things I learned from hanging out with the laureates is that, on one level, they're essentially like everyone else. Obviously they're brilliant individuals, but at some point they were students in graduate school, just like us, trying to decide what to do with their careers."

"Straight and Hambourger are fine examples of the types of students we work hard to recruit to ASU," says Maria T. Allison, vice provost and dean of graduate studies at ASU. "The opportunity to mingle with some of the world's finest minds is extraordinary. We are proud that they were selected to represent ASU."

Martinez, with the Division of Graduate Studies, can be reached at (480) 965-5995 or (michelle.martinez.1@asu.edu).



Mike Hambourger



Stephen Straight

## 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.

Even slight deficits of vitamin C may contribute to Americans' continued battle with obesity, nutrition researcher **Carol Johnson** has found. In a study of students, those with low intakes of vitamin C had less energy and burned less fat during exercise than those with adequate vitamin C. And overweight people tend to have lower levels of vitamin C in their blood. *Fort Wayne News-Sentinel*, Sept. 2.

There is a widespread notion that the Bush administration "misuses" science, but all administrations seek to some extent to mold scientific evidence to fit their political agendas, says science policy expert **Daniel Sarewitz**. Federal science policy is largely played out as federal science budget policy, and it is difficult to quantify the degree to which science is misused. "The two sides simply bring to the table different ideas of what science is and how it should be used in regulating policy." *New York Times*, Sept. 4.

Many immigrant women suffer domestic violence at the hands of husbands who threaten to report them as illegals. Most don't realize that the Violence Against Women Act lets illegal immigrants who are crime victims apply for temporary visas as long as they agree to help with prosecution. "What is a woman going to do if she reports an abusive partner and has nowhere to go? She's not going to report it," says sociologist **Cecilia Menjivar**. *Dallas Morning News*, Sept. 5.

Chief Justice William Rehnquist, who led the U.S. Supreme Court for two decades, attempted to restore the concept that states have functions that cannot be displaced by the federal government. Some say he was selective in protecting states' interests, such as the December 2000 ruling that halted the Florida presidential recount. "He was part of a majority not to let the political process take its course," says law professor **Paul Bender**. *San Francisco Chronicle*, Sept. 4.

Children who have been abused or exploited as child laborers in third world countries should be encouraged to discuss their abuse in front of others, says **Robin Haarr**, criminal justice professor. She also said violence against children should be further reported as gender-specific. "An investigative and prosecutive system should be made so that the efforts in the sphere of child rights can be monitored," she says. *Times of India*, Sept. 13.

The first in-depth exhibition of artist Akio Takamori's work at the ASU Ceramics Research Center shows his ongoing search for personal and cultural identity. His work has always been expressive of human emotion and sensuality, but in recent years his sculptures are more contemplative. "Through each of his creative evolutions, Takamori has challenged our interpretation of his work," says CRC curator **Peter Held**. "Assessing Takamori's remarkable career, we witness an unfurling worldview." *ArtDaily.com*, Sept. 13.



Events are free, unless otherwise noted. 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) 965-3465. For information about ASU events, visit the Web at (<http://events.asu.edu>).

## Lectures

### ■ Friday, Sept. 23

**Life Sciences Seminar**, 2 p.m., Life Sciences Center (LS) E-104. Speaker: Sandra Gendler, Mayo Clinic Scottsdale. Sponsored by School of Life Sciences. Information: (480) 965-3500.

### ■ Monday, Sept. 26

**"Water: The Big Issue for the 21st Century,"** 3:40 p.m., Tempe Center, IIS Conference room 158. Speaker: Sir Crispin Tickell, chancellor of the University of Kent. All Scientist Meeting sponsored by Central Arizona – Phoenix Long-Term Ecological Research project (CAP LTER). Social/refreshments at 3 p.m. Information: (480) 965-2975.

**"Metals in Medicine: Silver Carbene Antimicrobials,"** 3:40 p.m., Bateman Physical Sciences Center (PS) H-150. Speaker: Wiley J. Youngs, Chemistry Department, University of Akron. Sponsored by the Chemistry and Biochemistry Department. Information: (480) 965-2093.

### ■ Tuesday, Sept. 27

**"Being/Becoming a Patent Attorney,"** 12:10 p.m., Armstrong Hall (LAW) room 114. Speaker: Susan Wilks, Associate General Counsel, Isotechnika. Sponsored by the Center for the Study of Law, Science and Technology. Information: (480) 965-2465.

**"The Redball Project,"** 7:30 p.m., Business Administration Building (BA) C-215. Speaker: New York artist Kurt Perschke. Sponsored by the Office of Public Art. Information: (480) 965-0951.

### ■ Wednesday, Sept. 28

**"Blood on the Lens: 'Private' Moments, Public**

## 17th-century French comedy comes to ASU

"Molière Than Thou," the highly acclaimed one-man introduction to the playwright's classic comedies as translated and performed by renowned actor Timothy Mooney, will be presented at 5 p.m., Sept. 25, in ASU's Galvin Playhouse. It's an opportunity for audiences to come discover (or rediscover) 17th-century French comedy.

Mooney plays the part of Molière as he performs routines from "Tartuffe," "Don (Dom) Juan," "The Doctor in Spite of Himself (Le Médecin malgré lui)," "The Precious Young Maidens (Les Précieuses ridicules)," "The (Le) Misanthrope" and "The School for Wives (L'Ecole des femmes)."

"And this gives Molière the perfect opportunity to explain his process of working on these plays, while managing to take a few deft stabs at some of his enemies: the doctors, the lawyers and the sanctimonious hypocrites who would attack him throughout the years," the description of the performance reads.

Except for a few brief scenes in which Molière invites audience participation, it's only Mooney there on the stage for about 90 minutes. This production is being brought to the Valley of the Sun through the cooperation of ASU's Departments of Theatre, Languages & Literatures (French Section), the Alliance Française of Greater Phoenix, and the AATF/AZ (American Association of Teachers of French, Arizona Branch).

Tickets (\$5 for students, \$10 for adults) should be reserved and paid in advance. To buy tickets, contact Bill Hendrickson at (602) 840-5024 or (602) 315-4649, or send an e-mail to ([bill.hendrickson@asu.edu](mailto:bill.hendrickson@asu.edu)). Tickets can be picked up at Galvin Playhouse before the 5 p.m. performance. Any remaining tickets will be sold at the door.

Free parking will be available in the Tempe Center across the street from the Nelson Fine Arts Center, or around nearby Gammage Auditorium.

## West campus to hold annual Phoenix Symphony performance Sept. 30

The Phoenix Symphony will perform at 7:30 p.m., Sept. 30, at ASU's West campus. The concert features conductor Robert Moody and American pianist Bryan Wallick.

Ticket prices are \$15 general, \$10 for seniors and \$6 for students.

This year's concert includes Arizona's signature "Grand Canyon Suite" by Grofe, along with Schubert's classic "Symphony No. 8" (Unfinished) and Gershwin's "Rhapsody in Blue."

This popular annual performance at West campus is part of the 2005

– 2006 arts and performance season, produced by the Department of Interdisciplinary Arts and Performance (IAP). The season includes visual art exhibits and installations, theatrical performances and musical performances typically highlighting the work of faculty and students in ASU's New College of Interdisciplinary Arts and Sciences.

"The Symphony is just one of many professional artistic events planned for the West Valley this season," said Rob Taylor, department chair in the

New College of Interdisciplinary Arts and Sciences.

For a complete season listing, visit the Web site ([www.west.asu.edu/iap/events](http://www.west.asu.edu/iap/events)).

The concert will be held in La Sala, located in the University Center Building at the West campus, located in Phoenix at 4701 W. Thunderbird Road. Tickets are available for purchase via credit card by calling (602) 543-2787 or from ASU's cashier office during regular business hours. Visitor parking is free for this event.

**Platforms: Images and Ethics Codes Across Media in an Era of Violence and Tragedy,"** noon – 1 p.m., Stauffer Communication Arts Building (STAUF) Reading room (second floor). Speakers: Carol Schwalbe, and Bill Silcock, assistant professors, Cronkite School of Journalism and Mass Communication. Sponsored by the Cronkite School of Journalism and Mass Communication. Information: (480) 965-1812.

**"Arizona's Latina/o Leadership: The Drive to Do Something Better,"** noon, Downtown Center. Speaker: Christine Marin, co-founder of ASU's Chicana/o Studies Department. R.S.V.P.: (480) 727-5266.

**"Sustainability: The Global Prospect,"** 3:40 p.m., Architecture Building North (AED) room 60. Speaker: Sir Crispin Tickell, former diplomat and now chancellor of the University of Kent. Part of the Wrigley Lecture Series on Sustainability. Co-sponsored by the School of Global Studies. Information: (480) 965-2975.

**"The Shear Excitement of Colloidal Suspensions,"** 4 p.m., Barry M. Goldwater Center (GWC) room 487. Speaker: Itai Cohen, Cornell University. Part of the Soft Matter & Biological Physics Seminar Series. Light refreshments at 3:45 p.m. Information: (480) 965-4073.

**"Managed Care and Public Health,"** 4:30 p.m., Community Services Building (CSB) rooms 330A & 330B, 200 E. Curry Road, Tempe. Speaker: Anthony D. Rodgers, director, Arizona Health Care Cost Containment System. Sponsored by ASU MS/MPH Dual Degree Program: Public Health Lecture Series in collaboration with MEZCOPH. Information: (480) 727-7817.

### ■ Thursday, Sept. 29

**"Spitzer Observations of the Distant Universe from the Great Observatories Origins Deep Survey,"** 4 p.m., PS F-123. Refreshments at 3:40 p.m., F-Wing lobby. Speaker: Mark Dickinson, National Optical Astronomy Observatory. Sponsored by the Physics and Astronomy Department. Information: (480) 965-5359.

### ■ Friday, Sept. 30

**"What Do We Owe the Future?"** 2 p.m., LS E-104. Speaker: Bryan Norton, Georgia Tech. Sponsored by the School of Life Sciences and Wrigley Lecture Series. Information: (480) 965-3500.

**"Where Were the People? Optically Stimulated Luminescence (OSL) Dating of Human Occupations and Hiatuses in the Middle Stone Age of South Africa,"** 4 p.m., School of Human Evolution & Social Change (formerly the Anthropology Building) room 340. Speaker: Zenobia Jacobs, CSIR (South Africa). Sponsored by the School of Human Evolution & Social Change. Information: (480) 965-6213.

**"Stories from the Front Lines of Public Service,"** 4 – 5 p.m., Memorial Union (MU) Coconino room 224. Speaker: Michael Musheno, San Francisco State University, College of Behavioral and Social Sciences, Criminal Justice Program director. Sponsored by the School of Public Affairs. Information: (480) 965-3926.

**"Cund'dev: The Travels and Transformations of a Buddhist Goddess,"** 10:40 – 11:30 a.m., Coor Hall (COOR) room 5536. Speaker: Robert M. Gimello, East Asian Languages & Civilizations Department, Harvard University. Sponsored by the Center for Asian Studies, (480) 965-7184.

### ■ Monday, Oct. 3

**"Probing the Mechanism of Nucleation and Crystal Growth in Inorganic Networks,"** PS H-150. Speaker: Jim Martin, Chemistry Department, North Carolina State University. Sponsored by the Chemistry and Biochemistry Department. Information: (480) 965-2093.

### ■ Wednesday, Oct. 5

**"Dynamical Approach to Steady-State Transport**

**in Nanoscale Conductors with Closed Geometry,"** 4 p.m., GWC room 487. Speaker: Na Sai, University of California, San Diego. Part of the Soft Matter & Biological Physics Seminar Series. Light refreshments at 3:45 p.m. Information: (480) 965-4073.

**"Million Dollar Baby,"** 6 p.m., LS E-104. A film about euthanasia and disability rights, followed by panel discussion. Panelists: Gregor Wolbring, research scientist at the Department of Biochemistry and Molecular Biology, Faculty of Medicine, University of Calgary; Dan Strouse, ASU College of Law. Part of the Bioethics, Policy and Law Program. Sponsored by the School of Life Sciences. Film rated PG-13. Information: (480) 965-8927.

### ■ Thursday, Oct. 6

**"Search for the Perfect Liquid at RHIC,"** 4 p.m., PS F-123. Refreshments at 3:40 p.m., F-Wing lobby. Speaker: Gary Westfall, Michigan State University. Sponsored by the Physics and Astronomy Department. Information: (480) 965-5359.

### ■ Friday, Oct. 7

**"Cyanobacteria: From Genome to Function,"** 2 p.m., LS E-104. Speaker: Wim Vermaas, School of Life Sciences. Sponsored by the School of Life Sciences. Information: (480) 965-3500.

## Miscellaneous

### ■ Friday, Sept. 23

**Career Fiesta**, 10 a.m. – 4 p.m., Memorial Union (MU) second floor. Sponsored by ASU Career Services. Information: (480) 965-2350.

### ■ Saturday, Sept. 24

**Edson Student Entrepreneur Initiative Orientation**, 9 a.m. – noon, MU Alumni Lounge 202. Information: (480) 965-0036.

### ■ Monday, Sept. 26

**"Interviewing,"** 2:30 – 4 p.m., MU Yavapai room 209. Sponsored by ASU Career Services. Information: (480) 965-2350.

### ■ Tuesday, Sept. 27

**"Careers in Diplomacy,"** 2 – 3 p.m., West Hall, (WHALL) room 120. Speaker: ASU diplomat in residence Bill McGlynn. Sponsored by the Division of Graduate Studies. Information: (480) 965-5995.

**Valley Arts Sneak Peek**, 7:30 p.m., ASU's Kerr Cultural Center, Scottsdale. Composer/music critic Kenneth LaFave offers a preview of an upcoming Valley performance.\*\*

### ■ Wednesday, Sept. 28

**Instructor-led Computing Course, Excel 2002 (XP) Intermediate**, 8 a.m. – noon, University Services Building (USB) Room 1502. Fee: \$85. Information: (480) 965-4983.

**"Exhibits@Noon,"** noon – 1 p.m., Step Gallery. Information: ([www.asu.edu/museums](http://www.asu.edu/museums)).

**"Portfolio Power,"** 1 – 2 p.m., Business Administration (BA) C-318. Sponsored by ASU Career Services. Information: (480) 965-2350.

**Instructor-led Computing Course, Access 2002 (XP) Intermediate Query Design**, 1 – 5 p.m., USB room 1502. Fee: \$85. Information: (480) 965-4983.

**"International Student Job Search,"** 1:40 – 2:30 p.m., MU Yavapai room 209. Sponsored by ASU Career Services. Information: (480) 965-2350.

**"Presentation Techniques & Communication Skills for Graduate Students – Part One: The Classroom,"** 2 – 3:30 p.m., Farmer Education Building (ED) room 236. Sponsored by Division of Graduate Studies. Information: (480) 965-5995.

**"Effective Résumés/Cover Letters,"** 2:40 – 3:30 p.m., Business Administration (BA) C-318. Sponsored by ASU Career Services. Information: (480) 965-2350.

**Edson Student Entrepreneur Initiative Orientation,** 3 – 6 p.m., Classroom Laboratory/ Computer (CLCC), West campus. Information: (480) 965-0036.

■ Thursday, Sept. 29

**"Beyond Academia: Career Options for Ph.D.s in Arts, Entertainment & Sports,"** 2 – 3 p.m. West Hall (WHALL) room 120. Sponsored by the Division of Graduate Studies. Information: (480) 965-5995.

■ Friday, Sept. 30

**Ollie's Storybook Adventures,** 10 a.m., Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix. Theme: "Native Americans: Seasons of the Circle." Admission. (623) 582-8007.

**"Internship/Co-op Employment,"** 12:40 – 1:30 p.m., MU Yavapai room 209. Sponsored by ASU Career Services. Information: (480) 965-2350.

**Astronomy Open House,** 8 – 10 p.m., roof of the Bateman Physical Sciences Building H Wing (fifth floor). Information: (480) 727-7010 or (<http://eagle.la.asu.edu/openhouse>).

■ Wednesday, Oct. 5

**Edson Student Entrepreneur Initiative Orientation,** 3 – 6 p.m., Payne Education Hall (EDB) room 129. Information: (480) 965-0036.

## Entertainment

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

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

\*\*\*Indicates tickets are available at the West campus box office, 4701 W. Thunderbird Road, Phoenix, (602) 543-2787.

■ Saturday, Sept. 24

**Spanish Harlem Orchestra,** 7 p.m., ASU's Gammage.\*\*

**ASU Pianist Andrew Campbell,** 7:30 p.m., Katzin Concert Hall.\*

■ Sunday, Sept. 25

**Double-bassist Catalin Rotaru,** 2:30 p.m., Katzin Concert Hall.\*

**"Molière Than Thou,"** 5 p.m., Paul V. Galvin Playhouse. A one-man introduction to the playwright's classic comedies as translated and performed by renowned actor Timothy Mooney. Presented by ASU's Departments of Theatre, Languages & Literatures (French Section), the Alliance Française of Greater Phoenix and the American Association of Teachers of French, Arizona Branch. Tickets: \$10 (\$5 students). Reservations: (602) 840-5024 or ([bill.hendrickson@asu.edu](mailto:bill.hendrickson@asu.edu)).

■ Wednesday, Sept. 28

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

■ Thursday, Sept. 29

**Wind Symphony,** 7:30 p.m., Gammage Auditorium.

■ Friday, Sept. 30

**Oboist Martin Schuring,** 7:30 p.m., Katzin Concert Hall. A Mozart program.

**Phoenix Symphony,** 7:30 p.m., La Sala Ballroom, West campus.\*\*\*

**"The Boy Friend,"** 7:30 p.m., Evelyn Smith Music Theatre. Presented by Lyric Opera Theatre. Other performances: 7:30 p.m. Oct. 1, 5, 7, 8; 2 p.m. Oct. 9.\*

## Exhibitions

**Archives, Luhrs Gallery** — 8 a.m. – 5 p.m., Monday – Friday. Hayden Library, fourth floor. Information: (480) 965-3145.

Through Jan. 27, "Rediscover Arizona's Frontier Through Primary and Secondary Source Material from Archives and Special Collections."

**Arts, Media and Engineering/Institute for Studies**

**in the Arts (AME/ISA) Computing Commons Gallery** — 10 a.m. – 4 p.m. Monday-Friday, Computing Commons, Room 140. Information: (480) 965-0964; (<http://isa.asu.edu>).

Through Oct. 21, "Aggregation" by Andy Lomas. Lomas' elegant images and animations emerge from intricate forms of plant and coral like structures created by digital simulation of flow and disposition. Artist-animator Lomas is the head of character effects at DreamWorks Animation.

**ASU Art Museum, Nelson Fine Arts Center** — 10 a.m. – 9 p.m., Tuesday; 10 a.m. – 5 p.m., Wednesday – Saturday. Information: (480) 965-2787.

Through Nov. 19, "Stella Lai: Let's Stop Pretending." Hong Kong was returned to China in 1997, after 155 years as a British colony. Reflecting on this historical turning point, San Francisco artist Stella Lai examines the architecture, language and memories that defined her homeland. Lai's paintings and wall installations reflect an identity shift in Hong Kong that is neither British nor Chinese, but more of a hyper-accelerated city in a new global dialogue. This is the artist's first solo museum exhibition. Information: Denise Tanguay, (480) 965-7144.

Through Dec. 24, "Regeneration: Contemporary Chinese Art from China and the United States." Surveys the exciting and rapidly changing field of contemporary Chinese art in drawing, installation, painting, photography, video, prints and sculpture. This national touring exhibition of 50-plus artworks by 26 artists living in the United States and in China was organized by the Samek Art Gallery at Bucknell University. The artists, some internationally known and some new to Western audiences, represent the regeneration of contemporary life and culture in China.

Through Oct. 8, "Araceli Herrera: Mexico through the Lens," an exhibition of black-and-white images of Mexican life by photojournalist Araceli Herrera. Organized by Miriam Haddu, a lecturer in Hispanic Studies at Royal Holloway University of London.

**ASU Art Museum Ceramics Research Center** — 10 a.m. – 5 p.m., Tuesday – Saturday, Tempe Center.

Through Jan. 14, "Between Clouds of Memory: Akio Takamori, A Mid-Career Survey." The ASU Art Museum's Ceramics Research Center is organizing the first major mid-career survey on the ceramic art of Japanese-born artist Akio Takamori, currently residing in Seattle. This hallmark exhibition, spanning 30

years of creative excellence, comprises 48 sculptures, plus nine prints and drawings from the museum's collection, as well as private and public collections nationwide. Artist lecture, 7:30 p.m., Oct. 7, Coor Lecture Hall.

**ASU's Gammage** — 1 – 4 p.m., Monday – Friday. Information: (480) 965-6912.

Through Oct. 16, "Women in Focus." An exhibition of photography by five artists from Prescott: Carolyn Dunn, Laurie Hammond, Victois McGaw, Kimberly Shumate and Janine Smith. They will show a variety of work, ranging from silver gelatin prints to digitally enhanced pieces, with a wide range of subject matter, from landscape, travel and portraiture.

**Hayden Library Concourse** — normal library hours. Information: (480) 965-6164.

Through Oct. 14, "La Vida – Celebrating Arizona's Hispanic Heritage - A Photographic Exhibit." Features photographs from the ASU Libraries' Archives and Special Collections that document Arizona's Hispanic culture.

**Northlight Gallery** — 7 – 9 p.m., Monday; 10:30 a.m. – 4:30 p.m., Tuesday – Thursday; 12:30 – 4:30 p.m., Saturday, Matthews Hall. Information: (480) 965-6517.

Through Oct. 8, "Armed Old Men On Patrol," gelatin silver photographs of the Southwest by Dick George; "some dark pictures," gelatin silver mural prints of the Southwest by Michael Lundgren.

**Step Gallery** — noon – 5 p.m., Monday – Thursday; noon – 3 p.m., Friday, Tempe Center, 10th Street and Mill Avenue. Information: (480) 965-3468.

Opens Sept. 26, "Photography Graduates Group Exhibit." This gallery features solo and group shows by undergraduate students in the School of Art at ASU's Herberger College of Fine Arts.

## Defenses

**Lei Ma,** Ph.D., Elec. Eng., 3 p.m., Sept. 26, GWC 353.

**Jui-Yi Lin,** Ph.D., Elec. Eng., noon, Sept. 27, GWC 487.

**Ann Ewbank,** Ph.D., Curr. and Inst. (Lang. and Lit.), 9:30 a.m., Sept. 29, LL 316.

**Rahim Kasim,** Ph.D., Elec. Eng., 2 p.m., Sept. 30, ENGRC 593.

**Nancy Selover,** Ph.D., Geog., 2:30 p.m., Sept. 30, SCOB 335.

## In FOCUS

### Lyric Opera Theatre turns on charm with catchy musical, 'The Boy Friend'

The ASU Herberger Mainstage Lyric Opera Theatre (LOT) season kicks off Sept. 30 with another crowd-pleasing musical, "The Boy Friend." Set in the Roaring Twenties against the lavish backdrop of the French Riviera, this variety-filled production tells the tale of a young English lord and an aristocratic lady who pretend they're much lower on the economic food chain in order to win each other's hearts.

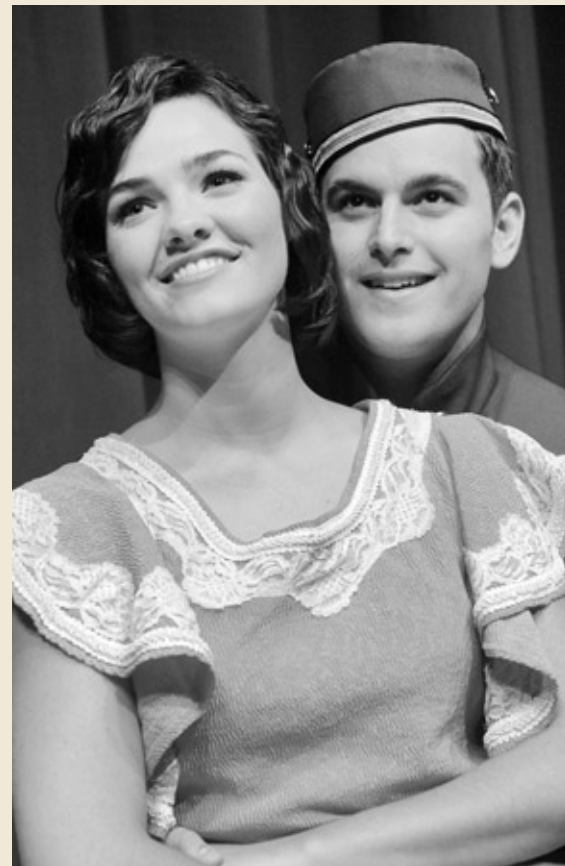
First performed in London's West End in 1954, "The Boy Friend" features a small cast of 10 and a catchy score of 13 songs, including "A Room in Bloomsbury," "I Could Be Happy With You" and "It's Never Too Late to Fall in Love." "The Boy Friend" was British composer Sandy Wilson's best-known musical and launched the career of Julie Andrews, who made her American debut at 18 starring in the Broadway production. She continues to direct revivals of the production to this day.

"The Boy Friend" offers wave after wave of catchy jazz-era tunes and period dances – including the inevitable Charleston – amid a sea of glamorous costumes. There are mistaken identities, smart-aleck servants, older couples with secret romances and randy old men. Everything is played for laughs.

The LOT production is based on the original Broadway show and is directed by Claude N. Pensis. The musical director is Daniel O'Bryant, and Lynette Kidman Rogers choreographs.

Tickets for "The Boy Friend" are \$5 – \$20 and available online at (<http://herbergercollege.asu.edu/mainstage>) or through the Herberger College Box Office, (480) 965-6447. Show times are 7:30 p.m., Sept. 30, Oct. 1, 5, 7, 8; and 2 p.m., Oct. 9 at the Evelyn Smith Music Theatre, 40 E. Gammage Parkway, in Tempe. A pre-show lecture will be held at 1 p.m., Oct. 9.

The ASU Herberger Mainstage Lyric Opera Theatre season is sponsored by The Harris, "Leaders in wealth



Collette Aldridge and Paul Betz perform in the Herberger Mainstage Lyric Opera Theatre presentation of "The Boy Friend," Sept. 30 – Oct. 9. management since 1882." For a complete Mainstage schedule of theatre, dance and music performances, visit (<http://herbergercollege.asu.edu/mainstage>).

TIM TRUMBEE PHOTO

## O'Connor shares her point of view with law class

By Franklyn Jeans

In her visit to the Tempe campus Sept. 19, U.S. Supreme Court Justice Sandra Day O'Connor spoke frankly to ASU law students about the Supreme Court and the many issues that come before it.

O'Connor dropped in on Professor Alan Matheson's Constitutional Law II class before a scheduled event at the College of Law. O'Connor was at the college to award Arizona Supreme Court Justice Ruth McGregor the Dwight D. Opperman Award for Judicial Excellence at a meeting of the American Judicature Society.

Matheson introduced his longtime friend as "a wonderful American and an outstanding example of a life well led."

O'Connor was candid in her comments to the class. She asked how many students watched the recently concluded Senate confirmation hearings on John Roberts, whom President George W. Bush has nominated to replace recently deceased Chief Justice William Rehnquist. In response to a near-unanimous show of hands, O'Connor expressed sympathy for Roberts' handling of the senator's "godawful questions," to which she said he could only "pussyfoot around."

She described the court's caseload in recent years as centering about one-third on constitutional law issues, of which most were in the criminal law area. She noted, however, that the civil constitutional law cases – such as the case dealing with the issue of eminent domain – got the most public attention.

Of the civil docket, O'Connor said most of the cases revolved around issues of religion, due process and equal protection. Of those issues, she



TIM TRUMBLE PHOTO

Supreme Court Justice Sandra Day O'Connor dropped in on Professor Alan Matheson's Constitutional Law II class Sept. 19.

said the tension between the First Amendment's establishment clause and free exercise clause in the religion area led to some of the most hard-to-understand results. She pointed to two recent decisions on the placement of the Ten Commandments in public facilities.

"In the case from Texas, we affirmed – and the case from Kentucky, we found unconstitutional," she said, noting that the justices wrote 10 separate opinions to reach the result. "Justice Rehnquist, who could hardly speak, commented he didn't know we had 10 justices."

In the criminal law area, O'Connor said there was a strong public and legislative reaction to the court's references to opinions in courts outside the United States.

"We don't cite these opinions as precedent," she said. "Rather, we discuss these opinions for the arguments contained in them."

She noted the recent cases involving the death

penalty for juveniles by saying: "It is interesting that the only two countries in the world that allow the death penalty in juvenile cases are the United States and the Sudan."

She concluded her remarks by saying that, as a Supreme Court justice, she felt the court had to be careful in drawing hard and fast lines based on the Constitution.

"The problem is that Congress can't overturn what we do, and therefore it is important that we don't draw lines more broadly than we have to," she said.

In answering a subsequent question from a student, she returned to this theme: "Finding a path through an issue is a lot like walking through wet cement. You leave footprints that later harden into something that will be there from then on."

*Jeans, with the College of Law, can be reached at (480) 727-7895 or (franklyn.jeans@asu.edu).*

## China delegates set to visit ASU

(Continued from page 1)

to ASU's vision of sustainability research, Elser says. It underscores the message that research should combine natural and social sciences to understand complex ecosystems and their effects on regional economics.

"Our goal with sustainability is to internationalize research on ecological complexity and grapple with the difficult issues of fitting such studies into the framework of economics," Elser says. "It's a challenging task in countries where concepts of economic valuation differ considerably."

Elser is confident the visit will cement the relationship between ASU faculty and Chinese scientists and decision makers. He adds that there is a possibility of a graduate student or research exchange program with the Chinese Academy of Sciences (CAS).

The relationship already has borne fruit, with a proposal to the National Science Foundation for the Inner Mongolian grasslands project by ASU researcher Jingle Wu, Columbia University's Shahid Naeem and the CAS Institute of Botany.

*Price, with Marketing & Strategic Communications, can be reached at (480) 965-9690 or (mbprice@asu.edu).*

## Judicial stars honor ASU alumna McGregor at Opperman Award ceremony

(Continued from page 1)

Friends and relatives of McGregor watched as the onetime schoolteacher took the stage with two women who helped pave the way for female jurists.

"It was really special to me, because Chief Justice Abrahamson from Wisconsin was here," McGregor said. "I've admired her for 30 years. Justice Sandra Day O'Connor ... I clerked for her 25 years ago, and she has been just my mentor and my friend – and has been just so important to me."

"All three of them are pioneers in their own way," said Patricia White, dean of ASU's College of Law.

White noted how O'Connor and Abra-

hamson have served as role models to many women, including herself.

"And Justice McGregor, I don't know what more can be said after what was said today about her," White added. "She is just extraordinary in so many ways, and it's a special mark of pride at this law school that this is her law school."

After the award ceremony, McGregor moderated a discussion with O'Connor and Abrahamson on the importance of an independent judiciary.

O'Connor, a former state senator, made light of the scrutiny judges face from politicians.

"Whatever courts do, we have the power to make the president, or Congress – or,

at the state level, a governor or state legislature – really angry," O'Connor said. "In fact, if we don't make them mad some of the time, we probably aren't doing our jobs."

Yet the threat of special-interest groups, in Arizona and nationally, to infuse politics is great. Conservative groups have tried to get lawmakers to replace the merit selection process in Arizona with one in which superior and appellate court judges must be initially elected, then re-elected. Another proposal involved giving the state senate the power to approve all court appointments. Both measures failed.

Abrahamson noted that these groups don't necessarily attack the substance of a

decision or its reasoning, but target judges who don't support their causes by "trying to influence the public into thinking that the judges aren't doing their job as fair, independent or neutral umpires."

The discussion, though mostly scripted, allowed law students the chance to hear from women who made it possible for their gender to enter and excel in the legal and judicial fields.

"Women didn't have role models to look up to – to see that it was possible," said second-year law student Nora Nunez. "So it's a wonderful thing to see."

*Jeans, with the College of Law, can be reached at (480) 727-7895 or (franklyn.jeans@asu.edu).*

## In BRIEF

### Speech to focus on tsunami's impact

ASU's Program for Southeast Asian Studies will present "The Continuing Rehabilitation Effort in Aceh, Indonesia, Following the Dec. 26, 2004, Tsunami," a speech by Pete Newell of Food for the Hungry. The speech will take place from 12:40 – 1:30 p.m., Sept. 23, in the Art Building's room 220 on the Tempe campus.

The event is free, and all are welcome to attend. The Dec. 26 Indian Ocean tsunami was responsible for a tide of death and destruction that spread over thousands of miles and killed nearly a quarter of a million people. Some of the regions hit the hardest are among the poorest, including the Indonesian province of Aceh, on the north tip of Sumatra, where the casualties were the highest.

The Phoenix-based aid group Food for the Hungry sent a response team and is one of the few foreign aid groups to be invited to maintain a long-term presence in the region. Newell, the Phoenix partnership coordinator, has made trips to the region to assess the group's rehabilitation projects, and he will speak about those efforts.

Food for the Hungry also has mobilized to aid victims of Hurricane Katrina, and Newell will be drawing some comparisons between the two.

Food for the Hungry is often recognized as a leader

among aid groups, and among the most efficient: More than 93 percent of all donations to the organization go directly to field programs.

### Online auction to benefit United Way

The ASU online auction to benefit the United Way is open for posting and bidding, hosted by the Polytechnic campus at ([www.east.asu.edu/auction](http://www.east.asu.edu/auction)). All ASU employees are welcome to participate in the auction.

The online auction works in this fashion: Unit credit is based on items sold. So, if a plate of cookies is posted and bought, the buyer would send the money for the cookies to the respective United Way campaign manager at one of the ASU campuses, who will then add it to the total contribution for the respective campus drive.

So for those who are looking to increase their total contributions, the secret is to get the folks at their campuses to post lots of good stuff online.

The auction, which began Sept. 15, will be held through 11:59:59 p.m., Oct. 14. Money from winning bidders should be forwarded to the sellers' campaign managers by close of business Oct. 21.

The list of campaign managers for the various campuses is at the Web site.

### New York public artist to speak at ASU

Kurt Perschke will present the lecture "The Redball Project" at 7:30 p.m., Sept. 27, in room 215 of Business Administration C wing. The lecture is free and open to the public.

"The Redball Project," featuring a 15-foot red ball squeezed into bridge trusses and narrow city alleyways, challenges viewers' perceptions of the architectural space around them.

"The Redball Project" traveled to various points around major cities, including St. Louis, Sydney and Barcelona. The 250-pound inflatable ball mimics the relationship of human scale to the environment and draws on the already rich context of the site.

Perschke, working in museum, gallery and public settings, pursues ideas of sculptural presence and the visualization of environments. He's a graduate of the Rochester Institute of Technology and is a fellow in the Bronx Museum AIM program.

Free parking is available after 7 p.m. in Lot 17 West, at the southeast corner of Apache and College on the Tempe campus. The Public Art Lecture Series is sponsored by the Herberger College of Fine Arts.

For more information, contact the Office of Public Art at (480) 965-0951 or visit the Web site ([http://herberger-college.asu.edu/public\\_art](http://herberger-college.asu.edu/public_art)).

## Grants fund research to tackle spinal cord injuries

(Continued from page 1)

human health and quality of life.”

“The days of the doubling of the NIH budget are behind us, and research funding is increasingly competitive,” Jung adds. “We are delighted that, despite these challenges, our center has been on a path of success in getting new NIH funding. One of our primary goals is designing techniques to investigate, replace and repair damaged neural systems to provide better mobility.”

Jung and Abbas also are associate professors in the Harrington Department of Bioengineering within ASU’s Ira A. Fulton School of Engineering. In addition, Jung is an affiliate faculty in electrical engineering at ASU, and Abbas is director of Clinical Rehabilitation Engineering at Banner Good Samaritan Regional Medical Center.

The funding from the received grants will be distributed over multiple years.

The grant descriptions include:

### Active micro-electromechanical system neural clamps

Developing the new generation of user-controlled, intelligent prosthetic systems that replace missing limbs in amputees will require the design of novel sensors to communicate between the nervous system and the artificial arm or leg.

This grant, funded by the National Institute for Biomedical Imaging and Bioengineering at NIH is for development of micro-electromechanical system (MEMS) neural clamps. These tiny devices will use semiconductor microfabrication technology to integrate mechanical elements, sensors and electronics to record neural signals from the nerve roots of the spinal cord.

“The project requires expertise on several fronts, but what is most novel is the development of clamps small enough to latch onto the spinal roots,” Jung says. “Spinal roots can be only millimeters wide.”

In addition to Jung, the team includes two associate professors in ASU’s Fulton School: Stephen Phillips in electrical engineering and James Sweeney, Harrington Department of Bioengineering.

### Magnetic resonance imaging/spectroscopy system

ASU was one of 11 universities selected by NIH’s National Center for Research Resources to purchase this high-end imaging instrumentation. The magnetic resonance imaging (MRI) system will be the only one of its kind in the Valley, and it will be available to other biomedical research institutions in Arizona.

Tracking the progress of disease is critical in the assessment, diagnosis and treatment of neurologically degenerative diseases such as Alzheimer’s, as well as traumatic brain and spinal cord injuries and stroke. A grant to buy a state-of-the-art MRI and spectroscopy system will provide scientists an opportunity to advance basic biomedical discoveries aimed at improving human health.

The \$1.3 million high-resolution, 7.0 Tesla magnetic imaging system will allow two- and three-dimensional image reconstruction. With a resolution below 100 micrometers, the system allows researchers to see tissues or structures smaller than the width of a human hair.

In addition to Jung, other team members on this project include faculty from the schools of life sciences and engineering at ASU, Eric Reiman from Banner Good Samaritan Medical Center; and

Mark Preul and Adrienne Scheck of the Barrows Neurological Institute.

### Adaptive electrical stimulation for locomotor retraining

Recent studies indicate that individuals with spinal cord injury may be able to enhance their functional recovery of movement by performing repetitive stepping movements. Currently, individuals perform this therapy on a treadmill supported by a harness and passive assistance provided by therapists. The repetition is believed to help the body to re-learn how to generate suitable signals in the brain and spinal cord that will enable them to step independently.

With the \$850,000 grant from NIH’s National Center for Medical Rehabilitation Research, Abbas and Jung will develop a neuroprosthetic system to electrically stimulate muscles to produce repeatable stepping movements with coordinated sensory and motor patterns.

By using the stimulation to contract the muscles in an orchestrated manner that mimics natural muscle movement, the team hopes to improve the therapy and reduce reliance on a supportive harness.

The adaptive nature of the control mechanism puts some “intelligence” in the system to provide only the stimulation that is required, encouraging the person to do more of the work.

This project is a joint effort with Richard Herman and others at Banner Good Samaritan Medical Center, where Abbas also serves as director of Clinical Rehabilitation Engineering.

### Modeling neuromusculoskeletal alterations after spinal cord injury

The interactions between the nervous system and the body mechanics enable us to perform a variety of movements. Damage to one part of this system, such as a traumatic spinal cord injury, can lead to changes in other components of this system because of their close interactions and adaptability. In some instances, the changes result in a recovery of function; in other cases they can result in a reduction of movement.

More than 200,000 people in the United States live with spinal cord injury-related mobility, employability and secondary health-related limitations. This \$1.3 million collaborative research in computational neuroscience grant from the NIH’s National Institute for Neurological Disorder and Stroke will give Jung and Abbas the funds to study the effects of spinal cord injuries in hopes of developing a treatment technique and appropriate rehabilitative therapies to enhance functional movement recovery and increase the quality of life for people with spinal cord injury.

By looking at the interactions of the impaired spinal cord, its spinal reflexes and the changes related to the musculoskeletal components after a spinal cord injury, the team will come up with the design for improved strategies for appropriate therapy.

In addition to Jung and Abbas, collaborators on this project include ASU’s Anshuman Razdan; Thomas Hamm of the Barrows Neurological Institute; Exponent Inc., a Valley-based scientific and engineering consulting firm; and University of Michigan.

*Dobosz, with the Biodesign Institute, can be reached at (480) 727-0788 or (gretchen.dobosz@asu.edu).*

## Alumni Association rolls out ‘Sparky’s Touchdown Tailgates’

(Continued from page 1)

public, including faculty and staff from all ASU campuses. Registrations are being taken online at ([www.asu.edu/alumni](http://www.asu.edu/alumni)); click on the “Athletic Events” icon at the top of the left side of the page.

Details for each tailgate event are as follows:

- Oct. 1 – ASU versus USC, 10:30 a.m., on the southeast lawn of Wells Fargo Arena.

The event, sponsored by Eclipse Gum, will feature the ASU marching band, Sparky and the cheer squad, as well as Vice President for Athletics Lisa Love and coaching legend Frank Kush. Tickets for dues-paying members of the Alumni Association are \$10 in advance, while non-members pay \$12; tickets are \$15 at the door.

- Oct. 22 – ASU versus Stanford, 11 a.m., Maloney Field on the Stanford University campus.

The Northern California Alumni Association chapter will play host to this pregame party and pep rally.

Entry to the tailgate is free; meal tickets are available in advance for \$19 for Alumni Association members, and \$24 for non-members. The chapter also is offering discounted tickets to the ASU-Stanford game.

The tickets, regularly \$30, are available for \$26 each.

- Nov. 12, ASU versus UCLA, 12:30 p.m., Rose Bowl Golf Course Driving Range, Pasadena, Calif.

This event is sponsored by the Los Angeles and Orange County alumni chapters and the California Devils. Fans who go to this tailgate event will enjoy a DJ, raffle prizes, a cash bar and more. Event ticket packages, some of which also include a ticket to the game, range from \$23 to \$64. Tailgate tickets are \$28 on the day of the game.

- Nov. 25, ASU versus Arizona, 11 a.m. on the southeast lawn of Wells Fargo Arena.

The University of Arizona Wildcats visit the Sun Devils for the annual “duel in the desert.” This tailgate, sponsored by Dodge and *Cooking Light Magazine*, will feature local television anchor Gina Maravilla and other surprise guest speakers. Tickets are \$10 for Alumni Association members, \$12 for non-members and \$15 at the door.

*Massey, with the Alumni Association, can be reached at (480) 965-3701 or (liz.massey@asu.edu).*

## EMPLOYMENT

The following positions are available as of Sept. 20 and are subject to change. All positions will be advertised in Insight only once. 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 Tempe, East and downtown Phoenix campuses is available on the Human Resources Web page at ([www.asu.edu/hr/jobs](http://www.asu.edu/hr/jobs)), or the Telecommunication Device for the Deaf at (480) 965-3002. Announcements for West campus openings are available on the West Human Resources Web page ([www.west.asu.edu/adaff/hr/JOBS/jobOpps.htm](http://www.west.asu.edu/adaff/hr/JOBS/jobOpps.htm)) and on the West Dial-a-Job Hotline at (602) 543-5627.

For complete position descriptions/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 5 p.m. on that date. Positions are 100% FTE unless otherwise noted. Codes below are: (C) – Classified; (A) – Administrative; (S) – Service Professional; #O – position is open to the public; #U – position is limited to current ASU, Northern Arizona University, University of Arizona and Arizona Board of Regents employees.

### STAFF POSITIONS

#### TEMPE CAMPUS

##### Executive and management

**Director** (A)/#O-121398 – Internal Audit and Management Services (Sept. 30; every two weeks thereafter until search is closed).

##### Professional

**Accountant** (C)/#O-121624 – Harrington Department of Bioengineering (Sept. 29).  
**Accountant, Senior** (C)/#O-121492 – Curriculum & Instruction (Sept. 28).  
**Accounting Specialist** (C)/#O-121504 – Payables & Reimbursements (Sept. 30; every two weeks thereafter until search is closed).  
**Animal Technologist** (C)/#O-121552 – Department of Animal Care Technologies (Oct. 3; every two weeks thereafter until search is closed).  
**Internal Auditor/Internal Auditor, Senior** (S)/#O-121619 – Internal Audit & Management Services (Sept. 28; every two weeks thereafter until search is closed).  
**Library Supervisor** (C)/#O-121557 – Library-Access Services (Sept. 30).  
**Student Initiatives Coordinator** (C)/#O-121571 – Biodesign Institute (Sept. 30; every two weeks thereafter until search is closed).

##### Technical and computer

**Information Specialist** (C)/#O-121528 – Journalism and Mass Communications

(Oct. 10; every two weeks thereafter until search is closed).

### Administrative support

**Administrative Assistant** (C)/#O-121501 – ASU Development (Sept. 30; every week thereafter until search is closed); (C)/#O-121456 – College of Public Programs (Oct. 7); (C)/#O-121457 – College of Public Programs (Oct. 7); (C)/#O-121320 – Consortium for Science Policy (Sept. 30; every two weeks thereafter until search is closed).  
**Library Assistant, Senior** (C)/#O-121538 – Architecture Library (50% FTE) (Sept. 30).  
**Office Specialist** (C)/#O-121495 – Environmental Health and Safety (Sept. 30; every two weeks thereafter until search is closed).  
**Secretary** (C)/#O-121487 – School of Human Evolution & Social Change (Sept. 30; every two weeks thereafter until search is closed).  
**Word Processing Specialist** (C)/#O-121467 – Office of the Executive VP/Provost of University (50% FTE) (Sept. 30; every two weeks thereafter until search is closed).  
**Secretary Administrative** (C)/#O-121502 – Chemistry & Biochemistry (50% FTE) (Oct. 15; every week thereafter until search is closed).

### Service/field craft/maintenance

**Custodian** (C)/#O-121559 – Custodial Services (Sept. 30; every week thereafter until search is closed); (C)/#O-121562 – Custodial Services (50% FTE) (Sept. 30; every two weeks thereafter until search is closed).  
**Stationary Engineer, Senior** (C)/#O-121541 – Central Plant (Sept. 30; every two weeks thereafter until search is closed).

### POLYTECHNIC CAMPUS

#### Professional

**Academic Adviser** (C)/#O-121536 – Technical and Applied Sciences (Oct. 17; every two weeks thereafter until search is closed).

### ACADEMIC POSITIONS

#### TEMPE CAMPUS

##### Academic professional

**International Institute for Sustainability** – Assistant Research Technologist/#8349 (Oct. 3; every week thereafter until search is closed); Postdoctoral Research Associate – Social Scientist in Urban Ecosystems/#8350 (Oct. 31; the first and 15th of each month thereafter until search is closed).

##### Faculty

**Chemicals and Materials Engineering** – Assistant/Associate/Full Professor/#8384 (Oct. 24; every 15th and 30th of each month thereafter until search is closed); As-

stant/Associate/Full Professor/#8385 (Oct. 24; every 15th and 30th of each month thereafter until search is closed); Assistant/Associate/Full Professor/#8386 (Oct. 24; every 15th and 30th of each month thereafter until search is closed); Assistant/Associate/Full Professor/#8387 (Oct. 24; every 15th and 30th of each month thereafter until search is closed).

**Community Resources & Development** – Assistant Professor/#8383 (Nov. 1; weekly thereafter until search is closed).

**Department of Family & Human Development** – Assistant Professor, Child Development/#8390 (Dec. 1; every Friday thereafter until search is closed).

**Government Documents and Maps** – Assistant or Associate Librarian or Archivist/#8394 (Oct. 28; the first of each month thereafter until search is closed).

**Hugh Downs School of Human Communication** – Assistant Professor, Health Communication/#8391 (Jan. 17; every Friday thereafter until search is closed).

**Mechanical and Aerospace Engineering** – Assistant/Associate Professor/#8395 (Nov. 15; weekly thereafter until search is closed).

**School of Life Sciences** – Assistant Professor/#8380 (Nov. 10; weekly thereafter until search is closed).

**International Institute for Sustainability** – Academic Associate (Project Manager)/#8375 (Oct. 31; the first and 15th of each month thereafter until search is closed).

**School of Public Affairs** – Assistant Professor/#8381 (Nov. 1; every two weeks thereafter until search is closed); Professor/#8382 (Nov. 1; every two weeks thereafter until search is closed).

**W. P. Carey School of Business** – Finance – Associate Professor/Professor (McCord Chair in Real Estate)/#8392 (Nov. 15; the first and 15th of each month thereafter until search is closed); Economics – Assistant, Associate or Full Professor/#8389 (Dec. 1; the first of each month thereafter until search is closed); Management – Assistant or Associate Professor/#8375 (Nov. 1; the first and 15th of each month thereafter until search is closed); Management – Assistant or Associate Professor/#8376 (Nov. 1; the first and 15th of each month thereafter until search is closed); Management – Lecturer/#8378 (Oct. 3); Management – Lecturer/#8379 (75% FTE) (Oct. 3).

### WEST CAMPUS

#### Faculty

**College of Human Services** – Communication – Professor & Chair /#8337 (Dec. 1; the 15th of each month thereafter until search is closed).

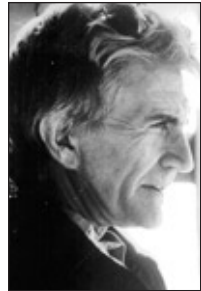
**New College of Interdisciplinary Arts & Sciences** – (Math Sciences & Applied Computing) Assistant/Associate Professor/ #8401 (Dec. 15; then the 10th of every month thereafter until search is closed); (Math Sciences & Applied Computing) Assistant Professor/ #8400 (Dec. 15; the 10th of every month thereafter until search is closed).

#### Graduate student positions

**School of Global Management & Leadership** – (MBA) Graduate Research Assistant/#P4671 (Sept. 28; monthly thereafter until search is closed).

## Fundraiser celebrates planned launch of Center for Film and Media Research

Academy Award-winning filmmaker Blake Edwards, considered a master of drama and comedy, social satire and slapstick, was guest of honor at a gala fundraiser Sept. 22 to celebrate the planned launch this fall of ASU's Center for Film and Media Research.



Blake Edwards

Guests were given the "red carpet" treatment at Harkins Centerpoint Theatre, which played host to the reception and a special film screening of "Victor/Victoria."

Edwards spoke at the event with those who had come to support the Center for Film and Media Research.

"A lot of people have contributed to my knowledge of film," Edwards said. "Being part of this center appeals to me, because when I taught a class at USC, my experience with students was great."

The event raised funds for the proposed center, which will be officially launched this fall pending Arizona Board of Regents' approval.

The total amount raised during the event was not available at press time.

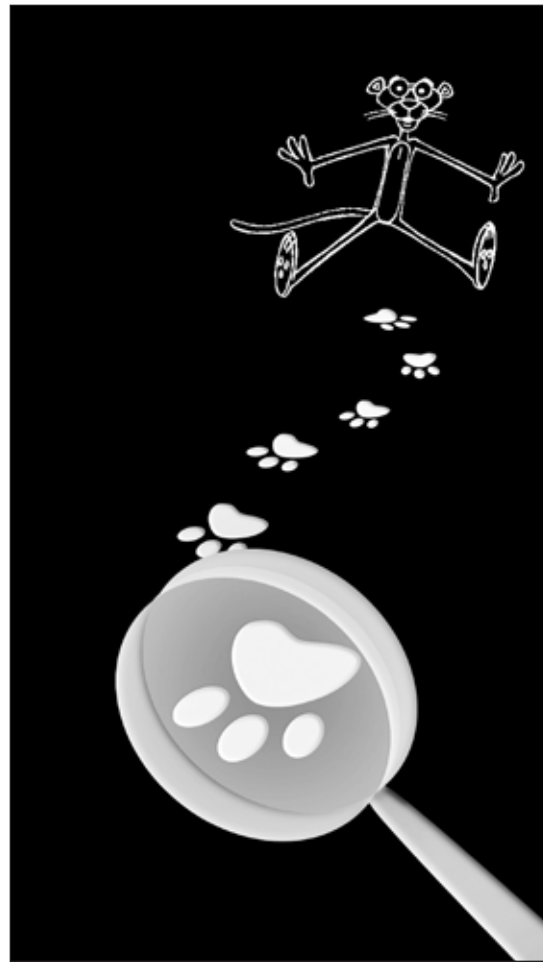
Edwards, whose more than 50 films include such memorable titles as "Days of Wine and Roses," "Breakfast at Tiffany's," "The Pink Panther," "Victor/Victoria" and "10," has been named the inaugural distinguished fellow in film writing, directing and producing at ASU.

He also will teach a course on film production as part of the university's recently launched bachelor's degree in film program.

Edwards also will receive an honorary doctoral degree following intermission at a special ASU Symphony Orchestra concert Sept. 23, featuring music from his films. "A Musical Tribute to Blake Edwards" takes place at 7:30 p.m. in Gammage Auditorium and is free and open to the public.

Under the direction of Timothy Russell, ASU professor of music, the orchestra will perform music from the movies of the famed director.

The evening will feature soprano Monica Mancini, the daughter of composer Henry Mancini, who composed many of the songs from Edwards' work. Movie and music lovers will enjoy themes from "Peter Gunn" and "The Pink Panther," as well as classics such as "Moon River," "Days of Wine and Roses" and "Bolero."



The film "The Pink Panther" is one of 50 films by Academy Award-winning filmmaker Blake Edwards. Edwards was the guest of honor at a gala fundraiser on the Tempe campus Sept. 22.

## Grad student, professor earn honors for paper

The leading electrical engineering and computer science association recently recognized an ASU graduate student and professor for their paper on how to make the Web more productive.

Computer science grad student John T. E. Timm and Division of Computing Studies assistant professor Gerald Gannod authored "A Model-Driven Approach for Specifying Semantic Web Services," which was recognized by the Institute of Electrical and Electronics Engineers Inc. (IEEE). Timm presented the paper at the International Conference on Web Services in July.

Timm and Gannod's paper presents an approach for developing specifications of semantic Web services, using an approach called model-driven development, where models of semantic Web services are constructed using the industry standard Unified Modeling Language (UML). Semantic Web services allow for interpretable, machine-understandable data from which computers can draw conclusions.

"The paper was awarded as the best paper first authored by a student," says Gannod, who was second author on the paper and is Timm's doctoral adviser. "The award is significant in that it recognizes the quality research being performed at universities."

Gannod adds that more than 450 papers were submitted for review by leading researchers in the Web services area before the conference. The conference has an audience of researchers from universities and labs, as well as practitioners.

## Spirit of Enterprise Award finalists include 11 Valley firms

By Carolyn Kennedy

Eleven Valley companies have been named as finalists for the 2005 Edward Jones Spirit of Enterprise Award, which will be presented Sept. 27 by the Center for the Advancement of Small Business at the W. P. Carey School of Business at ASU.

The awards program, now in its ninth year, is acknowledged as a premiere recognition of business leadership. The awards luncheon will be held at the Arizona Biltmore Resort and Spa. The event begins with networking at 11:30 a.m., followed by lunch and ceremonies from noon until 1:30 p.m.

This year's Spirit of Enterprise finalists are Auto Body World, Changing Hands Bookstore, Coleman-Hines Inc., Ensynch Inc., Fairytale Brownies Inc., Hoque & Associates Inc., Kitchell Corp., MedAire Inc., Rhino Sports, Serrano's Mexican Restaurants and Sitewire Marketspace Solutions.

The business community comes together annually to celebrate the achievements of companies that demonstrate ethics, energy and excellence in entrepreneurship by honoring them with the Spirit of Enterprise Award.

Award applicants must display the following characteristics in their business:

- Ethics by example.

- A value-based culture.
- Excellence in their industries.
- Energizing the community through leadership.
- A support of education and lifelong learning in their workplace.

Applicants must also be Arizona-based for-profit enterprises in business for a minimum of three years and have at least three employees.

Awards in four categories were presented in 2004: Spirit of Enterprise, Emerging Entrepreneur, Family Business and Special Achievement.

Edward Jones is the presenting sponsor of this year's Spirit of Enterprise Awards.

The Family Business Award, sponsored by Wells Fargo, recognizes that an estimated 80 percent of businesses in Arizona are family owned. The Emerging Entrepreneur Award, sponsored by the Hahnco Cos., celebrates the importance of winning ideas and the startup businesses they help create. The Special Achievement Award, sponsored by the Rich Dad Co., honors unique accomplishments.

Added this year is the Entrepreneur ASU Alumni Award, sponsored by Monster. It rewards a company that values the ASU educational experience as a critical factor in the development of entrepreneurship.

Kennedy, with the W. P. Carey School of Business, can be reached at (480) 965-7774 or [carolynne.kennedy@asu.edu](mailto:carolynne.kennedy@asu.edu).

## ASU professor, curator play host to foreign film series

By Carol Hughes

An ASU professor and a community film curator have teamed up to present a lecture series on foreign films to the Sun City communities. This series is part of the fall program offered through the Osher Lifelong Learning Institute at ASU.

Diane Gruber, assistant professor in the College of Human Services at the West campus, and Fred Linch, a Valley film lecturer and curator, will offer "Around the World in Cinema," a five-night lecture series beginning Oct. 5 at the Lifelong Learning Academy at Sun City Grand. The series will feature films from several countries, including China, Greece, Iran and Vietnam, with a focus on the innovation that has taken place during the last five years in creating

"Everyone in the world is an expert about film, because they bring their own life experience to the film as they view it."

— Valley film lecturer and curator Fred Linch

these films.

Linch, a film curator and lecturer for numerous European film festivals, contends there are no wrong answers when it comes to interpreting film.

"Everyone in the world is an expert about film, because they bring their own life experience to the film as they view it," he says.

"Around the World in Cinema" is one of more than 80 classes and lectures being offered in the Sun City communities begin-

ning in October. Adult learners will enjoy learning in a no-test, no-grades, no-home-work environment.

For registration and class information, call the local ASU lifelong learning office at Sun City at (623) 974-6985, Sun City Grand at (623) 546-7429 and Sun City West at (623) 584-4288, or visit online at [www.west.asu.edu/lifelong/osher](http://www.west.asu.edu/lifelong/osher).

Hughes, with the West campus, can be reached at (602) 543-5220 or [carol.hughes@asu.edu](mailto:carol.hughes@asu.edu).

## ASU's lifelong learning program offers foreign affairs class in Sun City

By Carol Hughes

A former officer of the diplomatic and consular corps of the United States will teach a class on foreign affairs this fall in Sun City as part of ASU's lifelong learning program. John Hall, a Sun City Grand resident, served as a Foreign Service officer for more than 30 years. His career took him to six countries on four continents.

Hall decided to share his expertise on foreign affairs four years ago when ASU's lifelong learning program began in Sun City Grand.

"I began doing so thinking that I might be able to stimulate interest in a subject that most Americans know little about," Hall says. "I continue because the interest is

definitely there, and class participants genuinely want to explore the topics we cover."

Hall's teaching success and class popularity have led to a number of other class offerings. This fall, residents in Sun City, Sun City Grand and Sun City West will have the opportunity to explore and examine with Hall several countries, regions and international issues. Hall also is offering a new class, "Six Lives," which looks at the lives of two-term presidents Franklin Roosevelt, Harry Truman, Dwight Eisenhower, Ronald Reagan, Bill Clinton and George W. Bush. These classes are part of more than 80 classes and lectures offered this fall in the Sun Cities by the Osher Lifelong Learning Institute at ASU.

For registration and class information, call the local

ASU lifelong learning office at Sun City at (623) 974-6985, Sun City Grand at (623) 546-7429 and Sun City West at (623) 584-4288, or visit online at [www.west.asu.edu/lifelong/osher](http://www.west.asu.edu/lifelong/osher).

The Osher Lifelong Institute at ASU serves residents in Sun City, Sun City Grand and Sun City West. A grant from the Bernard Osher Foundation allows ASU to expand and enhance its lifelong learning programs to serve residents across the Valley. The Osher Foundation collaborates with universities nationwide to offer intellectually stimulating learning opportunities for older adults.

Hughes, with the West campus, can be reached at (602) 543-5220 or [carol.hughes@asu.edu](mailto:carol.hughes@asu.edu).