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Homecoming time

This issue of *ASU Insight* features a four-page special section dedicated to all the events surrounding ASU's Homecoming weekend. In the special section, readers will find a calendar of events and a map of all the planned festivities that are sure to accommodate Sun Devil fans of all ages.

Top-notch inventions

Research at ASU has been listed among the top 50 inventions for 2008 by *Time* magazine.

In their "Best Inventions of 2008" category, editors at *Time* acknowledged the research of professor Milton Sommerfeld and assistant professor Qiang Hu, both of ASU's Polytechnic campus, for their work on developing algae-based biofuel. The work is "raising algae to turn it into a biofuel that would be virtually identical to gasoline," the magazine's editors says.

Other benefits of Sommerfeld and Hu's work is that it would be carbon neutral, because algae consume carbon dioxide as they grow.

Algae also can't be eaten, unlike corn or sugarcane, two other sources for biofuels, so using it for fuel doesn't cut into food supplies.

Time magazine also recognized NASA's Lunar Reconnaissance Orbiter as a top 50 invention this year. A key component of that project is being developed by Mark Robinson, an ASU professor in the School of Earth and Space Exploration. Robinson is constructing and integrating the wide-angle camera for the orbiter, which will be launched in February and will aid lunar landing site identification and certification.

ASU on the Web

For folks wanting to find a plethora of information about ASU, the Web site www.asu.edu/about should do the trick. This page provides details for prospective students, as well as quick facts about all aspects of the university for everyone. There's even links to information about ASU traditions, such as the school's alma mater and the fight song.

To suggest a Web site to be profiled in *ASU Insight*, send the site address to asuinsight@asu.edu.

ASU, University of Guanajuato sign historic pact

Agreement could advance health care in U.S., Mexico

By Marshall Terrill

ASU and the University of Guanajuato, Mexico, are expanding global exchanges through an historic agreement that will advance culturally responsive health care in two countries.

The institutional agreement, which covers health promotion, also calls for the development of academic exchanges, joint research and conference activities

across all university disciplines.

ASU President Michael Crow and Arturo Lara López, the rector general of the University of Guanajuato, signed the agreement in late October.

"In addition to enhancing cross-cultural understanding, our agreement with the University of Guanajuato supports our mission of global engagement through potential collaboration in health promotion, human services, engineering, biosciences, liberal arts, law and all of the other outstanding

academic, research and service programs our respective universities have to offer," Crow says.

Also adding their signatures as witnesses to the accord were Anthony "Bud" Rock, vice president for global engagement at ASU; Bernadette Melnyk, College of Nursing & Healthcare Innovation dean at ASU; and Blanca Ester Sánchez Guerrero, director of the Faculty of Nursing and Obstetrics at the University of Guanajuato campus in León, Mexico.

Steps toward the institu-

tional agreement began more than a year ago. Carol Baldwin, ASU College of Nursing & Healthcare Innovation associate professor, Southwest borderlands scholar and Office of International Health, Scientific and Educational Affairs director, met with Sergio Arias-Negrete, director of International Academic Relations and Sergio Márquez-Gamiño, professor at the Institute for Human Research León campus in 2007 at the University of (See PACT on page 7)



TOM STORY PHOTO

Quentin Wheeler, left, dean of the College of Liberal Arts and Sciences, congratulates the members of the college's Academic Bowl team on their victory in the final round of the competition.

Academic Bowl trophy stays in defending champs' hands

By Judith Smith

Will they "three-peat" next year?

The defending champions, the College of Liberal Arts and Sciences, took home the President's Cup – and \$22,000 in prizes and scholarships – after defeating the Herberger College of the Arts in the final round of the 2008 Academic Bowl.

Spirits were high after the heated match in the studios of Eight/KAET-TV, with supporters cheering and waving pompoms when the final buzzer went off.

Tension mounted early in the evening

as the Final Four went head to head – Liberal Arts and Sciences against the Mary Lou Fulton College of Education, and the Herberger College against the all-male Morrison School of Management and Agribusiness team.

Then it was down to the final round. Wearing T-shirts that said "Creativity Counts," the Herberger team valiantly tried to outwit their CLAS classmates. But time ran out too soon, with the Herberger team losing by a score of 495-120.

On the winning team were sisters

(See LIBERAL on page 6)

Being flexible is key to making displays truly mobile

By Skip Derra

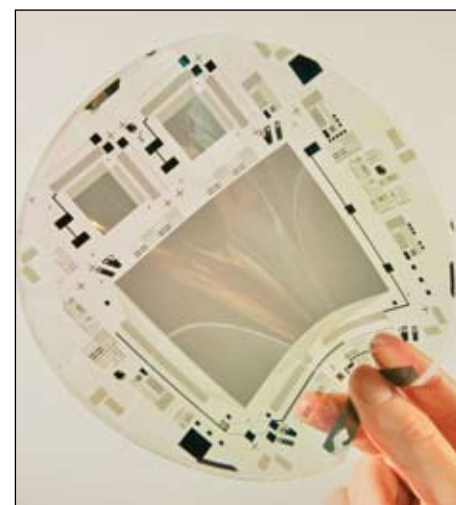
Building flexibility into information displays has always been the goal of the Flexible Display Center (FDC) at ASU. But building flexible displays has also meant being flexible in organization as well as technology.

In its first five years of operation, FDC has advanced flexible display technology, but perhaps one its greatest accomplishments is getting the key players to the table, according to Gregory Raupp, the center's director.

With funding from the Army and a mandate to drive the technology towards commercialization, FDC has become an engineering hub, in addition to a research and development hub, for advancing all that is needed to manufacture flexible displays.

"We have developed a dynamic partnership model that is not found anywhere else as far as technology development, implementation and transition through a university led organization," Raupp says

(See BEING on page 7)



The "go-anywhere" displays being created with technology developed at the Flexible Display Center at ASU will require a revolution in technology.

Alumni Association marketing team picks up 6 awards

Wall space soon could be at a premium in certain parts of Old Main on ASU's Tempe campus.

In September, the marketing and strategic communications department of the ASU Alumni Association picked up five awards in the 2008 American Graphic Design Awards competition for the graphic design of *ASU Magazine* and key pieces of the association's marketing campaigns. This achievement came on the heels of the association's "U Devils" membership campaign for ASU faculty and staff being honored in August by the Council for the Advancement and Support of Education (CASE) with a Silver Medal in the group's Circle of Excellence awards program.

The department was awarded certificates of excellence from the American Graphic Design Awards committee for the design of three stories published in *ASU Magazine* during 2007: "A View from the Top" (February), "Making

the Connection" (May) and "Fueling the Future" (November). The department also received commendations for the design of the association's alumni membership kit and materials used to promote the organization's annual Founders' Day awards dinner.

The American Graphic Design Awards are sponsored by *Graphic Design USA* magazine. This year, more than 10,000 entries were submitted to the contest. The magazine reports that a "highly selective" 15 percent of the entries were honored with recognition.

The Alumni Association's "U Devils" program, an initiative designed to encourage Alumni Association membership among the university's staff and faculty, garnered the CASE Circle of Excellence Silver Medal in the "Alumni Relations Programs" category. U Devils has been successful in its first two years of existence, signing up 318 mem-

bers to date and bringing the total of employee members to 608, which represents a 114 percent increase in memberships among ASU employees.

Members of the marketing department who collaborated on the winning entries for both contests include: Robert Cao-Ba, art and creative director; Karen Windsor-Worrel, senior graphic designer; Adeline Lui, marketing manager; Benita Iafra, Webmaster; and Liz Massey, managing editor of *ASU Magazine*.

"It is gratifying that our marketing team's work has been recognized by industry leaders," says Christine Wilkinson, the alumni association's president. "However, it is even more gratifying to know how effectively their efforts spread the word about ASU's mission as the New American University and the alumni association's mission to unite and serve Sun Devil alumni."

Viewing the 2008 campaign from the inside out

Jeremy Art, left, a C-SPAN marketing representative, welcomes ASU Polytechnic students, faculty and staff to the C-SPAN's Campaign 2008 Bus as it makes a stop at the campus Nov. 3. Art, an ASU alumnus, took time to discuss the broadcast capabilities of the C-SPAN Bus, show historical commercials that aired during previous presidential campaigns and roll footage of interviews with former presidents. The C-SPAN bus was in town to cover the final days of the presidential campaign in Arizona.

CHRIS LAMBRAKIS PHOTO



Planned Vietnamese institution studies 'New American University' at ASU

Madame Ton Nu Thi Ninh, former Vietnamese ambassador to the European Union and Brussels, and former vice chair of the Foreign Affairs Committee of the National Assembly in Vietnam, visited ASU Oct. 14 as part of an initiative by the Tri Viet University Project to establish an international university in Ba Ria-Vung Tau (southern Vietnam).

Tri Viet University is being planned as Vietnam's first "green" university – a quality, private institution dedicated to public service.

Ninh's visit to the Tempe campus and SkySong, a direct follow-up to the visit of an ASU Global delegation to Vietnam in September, focused on the success of ASU's transformation into a New American University, seeking both an overview of ASU's direction and strategy as a possible model for Tri Viet, and exploring potential areas for collaboration.

"Unlike visitors from established universities, Madame Ninh is building a new university and seeking mentorship and collaboration from ASU," says Karl Theisen, associate director for business planning in ASU's policy and strategic partnerships office. "This is unique in that there are not many places around the world building new universities, and noteworthy because she came to ASU for input based on our success."

Ninh met with ASU President Michael Crow to discuss joint efforts in Vietnam's ongoing higher education reform initiative, and to explore additional collaborations with ASU in the areas of climate change adaptation and sustainability. The potential for developing exchange programs with academic and non-academic institutions in Vietnam also was discussed.

In addition, her agenda included meetings with representatives of key ASU academic and administrative units, as well as the ASU Foundation, and officials from SkySong and the office of Gov. Janet Napolitano.

West campus debate focuses on religious diversity

By Steve Des Georges

A night of debate and discussion about religious diversity and the challenges it presents is featured in "Religious Diversity and Public Discourse," which will take place from 6:30 p.m. to 9 p.m., Nov. 13, at ASU's West campus. The event, free to the public, takes place in the campus University Center Building (UCB), La Sala, and will be moderated by Owen Anderson, assistant professor of philosophy and religion in the New College of Interdisciplinary Arts and Sciences.

"It is hard to go a day without seeing news about global and national conflict that can be traced to religious differences," says Anderson, author of the just-released "The Clarity of God's Existence: The Ethics of Belief After the Enlightenment." "We need to learn how to discuss these differences in a public format."

The featured speakers include Surrendra Gangadean, a Paradise Valley Community College professor of philosophy; Hoyt Tillman, an ASU history professor; and Moses Moore, an ASU professor of religious studies.

"We have invited scholars who represent three fields: philosophy, history and religious studies," Anderson says. "Surrendra studies ways that humans can learn to work together on common ground. Professor Tillman is a historian who works on global issues, especially those connected with China. Professor Moore is a scholar of religious studies who focuses on religion in America."

Gangadean will discuss philosophical approaches to religious diversity, while Hoyt will focus on the historic and contemporary challenges between the United States and China. Moore will speak about religious diversity and its impact on American politics. The event, co-sponsored by New College and the Arizona Humanities Council, has its roots in a religion forum moderated by Anderson years ago at the West campus that featured well-known Buddhism scholar Robert Thurman, father of Hollywood actor Uma Thurman. Similar forums focusing on religion in context with current issues followed, including one conducted by the campus philosophy club.

Anderson believes the events are important to all.

"These forums are timely and topical," he says. "It's important that we consider such questions as the challenges religious diversity presents to the contemporary world, or on what basis can there be unity, or even how public discourse can help in finding common ground between diverse religious traditions."

"We need to continue to provide such a forum, and I'm inspired by this kind of work, which is what ASU does very well – reaching out to the community."

For information about "Religious Diversity and Public Discourse," contact Anderson at (602) 543-6027 or oanderson@asu.edu.

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

Health center schedules 'Flu Shot Fair' Nov. 12

By Marshall Terrill

The ASU Health Center at the Downtown Phoenix campus will conduct a flu shot fair from 10 a.m. to 2 p.m. and 4 p.m. to 6 p.m., Nov. 12, to say goodbye to influenza and introduce to the community a resource they may not know exists.

"The Flu Shot Fair" will take place at the ASU Health Center, located at 500 N. Third Street in Phoenix. Entrance to the building is on Taylor Street.

Phoenix Mayor Phil Gordon says he plans to roll up his sleeves and receive his flu vaccination at the fair.

"My family and I get our flu shots every year," Gordon says. "It doesn't stop me from falling out of trees, but I haven't had the flu in years."

Denise Link, associate dean for clinical practice and community partnership in the College of Nursing and Healthcare Inno-

vation, says the flu presents itself at a later time in Arizona than the rest of the nation – but it also stays in the state later, too.

By receiving a shot in November, it ensures protection for the entire flu season, she says.

Link says the fair is a way to introduce the ASU Health Center, staffed by nurse practitioners, psychologists, social workers and medical assistants, as a downtown resource for students, employees, residents and hotel guests who need immediate care.

"Our facility is just like any other full-service, private health care practice," Link says. "The downtown needs a facility like this to provide day-to-day health care, so that people have access to care that they need in a convenient manner."

Students from all Arizona public universities who are enrolled in the Aetna Student Health Plan offered by the three universities can obtain a flu shot free of charge with

identification. Other accepted insurance companies include United Healthcare, Blue Cross Blue Shield of Arizona, RAN-AMN and Benefit Options.

Students who are uninsured can receive flu shots for \$21; the fee for uninsured university employees and the general public is also \$21.

According to the Centers for Disease Control and Prevention, the flu is responsible for about 36,000 deaths a year. Last year in Arizona, there were 544 reported cases of flu; 363 of those cases were in Maricopa County.

For more information on services provided at the ASU Health Center, visit the Web site <http://nursing.asu.edu/nmhc/asuhc/services.htm>, or call (602) 496-0721.

Terrill, with the Downtown Phoenix campus, can be reached at (602) 496-1005 or marshall.terrill@asu.edu.

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Researchers to study malaria, emergent disease

By Margaret Coulombe

An ASU research team led by School of Life Sciences associate professor Ananias Escalante will share in more than \$6.3 million in awards from the National Institutes of Health for three related studies.

Two of the studies will examine the ecology and evolution of malaria, while a third will delve into the genetic mysteries behind the host shift of retroviral disease from primates to humans.

Escalante, the lead investigator of the malarial studies, will undertake a global comparative study of the evolution of malarial drug resistance, with support from Yuseob Kim, an assistant professor, and Maria Pacheco-Delgado, a faculty research associate, in ASU's School of Life Sciences.

The researchers focus will be on the malarial parasite *Plasmodium falciparum*.

Worldwide, malaria ranks with tuberculosis and HIV-AIDS among the leading causes of disease and death. Malaria kills a child from somewhere in the world every 30 seconds, and is responsible for 350 million to 500 million clinical cases and 1 million deaths each year.

According to Escalante, human malaria is endemic in most tropical and subtropical ecosystems worldwide, a burden that poses a significant barrier to global development.

Of the four human malarial parasites, *P. falciparum* and *Plasmodium vivax* are responsible for most malaria morbidity and mortality.

Escalante and his colleagues seek to understand which types of *P. falciparum* populations are most prone to the emergence of drug resistance or to the re-emergence of drug sensitivity. Investigating how antimalarial drug use selects for resistance is

a matter of great interest in evolutionary biology and public health, Escalante says.

"This work will provide good theoretical population genetics models to allow scientists to analyze advantageous mutations and the dynamics of mutations under natural selection in a geographically structured population," Escalante says.



Ananias Escalante

Such models help the international public health community to better evaluate potential drug policies – such as combination therapy or drug rotation – in situations likely to be encountered in different endemic areas.

The second study led by Escalante will look at the evolution of *P. vivax* and Asian macaque malarials. Although this parasite is the most prevalent malarial parasite outside of sub-Saharan Africa, Escalante says that little information presently exists with regard to its genetic diversity. Targeting parasite proteins, either by vaccination or chemotherapeutic drugs, requires an understanding of how the parasites have evolved and the extent and maintenance of their variation.

Escalante says that he is "particularly interested in how host switches may lead to molecular adaptations in parasites and pathogens and how the demographic history of parasite and pathogen affects its adaptive variation."

Host shifts are the focus of the third study where Escalante is the ASU principal investigator. This is a project involving multiple investigators

and institutions coordinated by Escalante and Lisa Jones-Engel, a field biological anthropologist from University of Washington working on human-primate interactions. In this work, Jones-Engel and Escalante, together with researchers from the University of California-Davis and the Fred Hutchinson Cancer Center in Seattle, will examine the evolution, recombination, emergence and exchange of simian retroviruses between human and nonhuman primates. Escalante also will explore the dynamics of nonhuman malarial parasites as part of his *P. vivax*-macaque malaria project.

This project will provide valuable information for assessing how human society influences the ecological contexts in which cross-species disease transmission occurs. To date, most research on emerging primate-borne disease has focused on perceived high-risk human populations, such as bushmeat hunters in Africa, and zoo and primate laboratory workers in Western countries. In contrast, little is known about the pathogen exchange between primates in close contact with humans in Asia.

Before joining ASU, Escalante was a researcher with the Division of Parasitic Diseases at the Center for Disease Control and Prevention in Atlanta, where he still maintains strong ties.

To hear Escalante talk about his research, go to School of Life Sciences' Science Studio podcast online at http://sols.asu.edu/podcasts/index.php#Vol_42.

Coulombe, with the School of Life Sciences, can be reached at (480) 727-8934 or margaret.coulombe@asu.edu.

Federal grant boosts Equity Assistance Center

By Verina Palmer Martin

The Mary Lou Fulton College of Education has received a federal grant to develop a regional equity assistance center. The center will promote equitable education opportunities for all children and assistance in the areas of civil rights, equity and access, and school reform.

ASU professors Elizabeth Kozleski and Alfredo Artiles are co-principal investigators of a three-year project supported by a \$2.4 million grant from the U.S. Department of Education Office. The grant was awarded through the Department's initiatives to support elementary and secondary Education under Title IV of the 1964 Civil Rights Act.

The funding is designated to support civil rights training and advisory services for schools and communities to tackle equity and access issues in public education.

There are 10 equity assistance centers in the nation that are funded to ensure that all children have equal access to quality education, as well as the opportunity to develop high academic standards in reading, math and other core subject areas.

Region IX in the Southwest includes Arizona, California and Nevada. "The equity assistance centers began in the aftermath of Brown v. Board of Education," says Kozleski, an expert in systems change. "They have a grand tradition of working on issues of race, class and culture. We are thrilled to be able to do this work. The Equity Alliance at ASU will join our other projects, including the National Institute for Urban School Improvement, the National Center for Culturally Responsive Educational Systems

and Leadscape, the national center that supports principal leadership."

Key equity issues addressed by equity assistance centers include disparities in student achievement and outcomes based on race, sex, or national origin; limited expectations for minority and female students; increasing violence and racial and sexual harassment in schools; renewed physical segregation among and within school buildings; ability grouping or tracking that isolates students based on race, sex, or national origin; persistence of stereotyping and bias; cultural bias in instructional methods and assessment tools; inadequate bilingual programs and services; and inadequate recruitment and retention of highly qualified teachers.

Kozleski and Artiles have spent their careers working to improve inclusive practices in urban school districts, as well as to improve culturally responsive practices and reduce the disproportionate representation of minority students in special education. Their goal has been to make education equitable for all students by understanding how to provide proactive educational opportunities for culturally and linguistically diverse students, including those with disabilities.

The Equity Alliance at ASU's effort to reduce disparities in academic achievement will include providing on-demand professional development; the use of scientifically-based, culturally responsive curricula and instructional practices; and networks of school systems engaged in high-quality work focused on equity work.

Martin, with the College of Education, can be reached at verina.martin@asu.edu.

Online text teaches engineering to high school students

By Chris Lambrakis

Darryl Morrell has put course notes, assignments and even a short textbook online, but he felt that this material was not having much impact outside of ASU.

That's why he welcomed an opportunity during the summers of 2007 and 2008 to work with the CK-12 Foundation – and several ASU faculty members in engineering and education – to write "Engineering: an Introduction for High School."

In addition to being one of the first engineering textbooks written specifically for high school students, this book is an online resource that can be adapted, repurposed and extended to help excite high school students about science, technology, engineering and math.

CK-12 is a nonprofit foundation launched in 2007 to reduce the cost of textbooks for the K-12 market in the United States and worldwide, using an open-source, collaborative, Web-based infrastructure known as a "flexbook."

Morrell, an engineering professor at ASU's Polytechnic campus, wants students to appreciate the role engineers have played throughout history, to understand the skills and processes engineers bring to their work, and how their work shapes – and is shaped – by society.

"It is important for students to realize that fun technologies like video games, MP3 players or cell phones have all been developed using engi-

"With the project, our hope is that students appreciate that engineering is everywhere and will be encouraged to consider it as a career."

– Darryl Morrell, an engineering professor

at ASU's Polytechnic campus

neering practices and techniques to make the technology and infrastructure work," Morrell says. "With the project, our hope is that students appreciate that engineering is everywhere and will be encouraged to consider it as a career."

Chapters of the online textbook-flexbook so far include "The Nature of Engineering," "Engineering and Society," "Engineering Design," "Connecting Science and Mathematics to Engineering" and "A Brief History of Engineering."

The engineering text can be used in at least two different ways in the classroom.

The first is in a high school engineering course. The book is best suited for a junior- or senior-level course, but it could be adapted to freshman or sophomore students as well, Morrell says. The book provides enough material for a one-semester course that would include an engineering design project.

The text also could be used in math or science

courses to provide supplementary material, Morrell says.

"For example, the engineering design chapter could be used to support a design project that would provide an engineering context for math or science topics," he says. "The flexbook structure would allow a teacher to select one or more chapters from the engineering book. These chapters could be used as supplementary material, or could be added to a math or science text."

As a flexbook, the text and content can continually be customized, modified or updated to support specific standards and classroom needs.

To check out the engineering textbook, contribute to it or see some of the other CK-12 textbooks, visit the Web site <http://flexbooks.ck12.org>.

Lambrakis, with Public Affairs at the Polytechnic campus, can be reached at (480) 727-1173 or lambtrakis@asu.edu.

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.

English professor **David Hawkes** discusses literature in the marketplace, claiming that political-activist literary critics once were an endangered species. "Today, however, a new breed of politicized critic is emerging, full of the passionate intensity that springs from a righteous sense of historical vindication," he says. "They tend to be American, and to define their politics in opposition to what they regard as the effete intellectual culture of old Europe." *Times Online*, Oct. 22.

While it seems like a geologically dead planet today, early in its history tiny Mercury may have been a caldron of volcanic activity. Data from NASA's MESSENGER probe is helping to settle a debate over the role volcanoes played in Mercury's history. "The bottom line is, volcanism was very important in the history of Mercury," says **Mark Robinson**, Earth & Space Exploration professor. *Scientific American*, Oct. 29.

College of Technology and Innovation dean **Keith Hjelmstad** spoke at an Economic Update Forum about obtaining and keeping students in the pipeline for careers in science, math, engineering and technology. Hjelmstad says teachers might assume that the students who have the ability to race through math problems are those with an aptitude for engineering. "My concern is that we're screening out people who don't calculate quickly and are lost to the pipeline well before seventh grade," he says, adding that potential engineers are not just "those students with numbers coursing through their veins." *Arizona Republic*, Oct. 30.

If the Supreme Court were to uphold a federal right to DNA testing, experts say it could accelerate the national trend and put pressure on remaining states to pass DNA laws. "People would be able to say, 'Look, I have a federal right to testing; federal courts have to enforce my right, and so do state courts,'" says law professor **David Kaye**. "It would encourage judges at all levels to give orders requiring such testing." *Washington Post*, Nov. 1.

Top-tier Asian defense spenders may be able to ride out the global financial storm with minor shifts and procurement delays, but smaller economies in Southeast Asia will suffer more, analysts and observers said. "However, Singapore is primarily a financial center, so it could be particularly hard hit by this crisis," says political science professor **Sheldon Simon**. "The countries most likely affected with respect to major purchases are Malaysia and Indonesia. Secondly, I would expect Vietnam and Thailand to delay purchases as well. The Philippines is perennially short of resources – so, paradoxically, the global crisis may have less impact on Manila." *Defense News*, Nov. 3.

In a culture that emphasizes "me," voting creates the sense of "we," says psychology professor **Robert Cialdini**. A long line to vote creates the sense that everyone is "all one here, united under the common identity," he says. "I think it created the sense of 'we,' not 'me.' Inside the boundaries of 'we,' people treat each other well." *CNN*, Nov. 4.



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 or fax (480) 965-2159. For information about ASU events, visit the Web at <http://events.asu.edu>.

Meetings

■ Tuesday, Nov. 18

Public Art and Design Review Council, 8-10 a.m., University Services Building (USB) conference room 2105. (480) 965-1855.

Alpha Lambda Chapter of Phi Delta Gamma, 11:30 a.m.-1 p.m., Interdisciplinary room B-365. A national honor society for graduate students. Membership and meeting information: ebillion@mainex1.asu.edu.

Lectures

■ Monday, Nov. 10

"Biomimicry: Innovation Inspired by Nature," 1:30-2:30 p.m., College of Design-North (CDN), room 68. Denise DeLuca of the Montana-based Biomimicry Institute talks about the ways in which nature can inspire sustainable solutions in fields as diverse as design, business and engineering. Sponsored by InnovationSpace. Information: (480) 965-6367.

Must See Mondays Speakers Series, 7 p.m., Walter Cronkite School of Journalism and Mass Communication, First Amendment Forum, 555 N. Central Ave., Phoenix. Speakers: Stan Barnes, political consultant, and Jeanine L'Ecuyer, director of communications, Governor's Office. Information: (602) 496-8692.

■ Wednesday, Nov. 12

"The 3 Rs for the Second Half of Life: Relaxation, Resurrection and Renewal," 10:30 a.m.-noon, Student Union Cooley Ballroom A, Polytechnic campus. Presented by Pamela Scala, ASU lecturer in the School of Social Work. Sponsored by Osher Lifelong Learning Institute. R.S.V.P.: (480) 727-1153 or lois.lorenz@asu.edu.

"Canadian and U.S. Public Policy Discourse in Energy and Climate Change: Comparative Perspectives," 3:30 p.m., Coor Hall room 5536. Speaker: Emdad Haque, University of Manitoba's Natural Resources Institute. Sponsored by School of Geographical Sciences. Information: (814) 591-6421 or bpompeii@asu.edu.

"Can Simple Network Models of Protein Dynamics Predict Crystallographic B-factors?" 3:40 p.m., Barry M. Goldwater Center (GWC) room 487. Speaker: Dmitrii Makarov, University of Texas-Austin. Refreshments at 3:30 p.m. Sponsored by Center for Biological Physics. Information: (480) 965-4073.

"The Stratospheric Observatory for Infrared Astronomy," 4:10-5 p.m., Bateman Physical Sciences Center (PS) F-101. Speaker: Bob Gehrz, University of Minnesota. Sponsored by the School of Earth and Space Exploration. Refreshments served at 3:45 p.m. in PS F-lobby. Information: (480) 965-5081.

A Conversation with Susan Page and Carl Leubsdorf, 7 p.m., First Amendment Forum, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix. They will analyze media coverage of the 2008 presidential election. Information: (602) 496-8692.

"Improved Humans: Legal and Political Aspects of the New Genetics," 7:30 p.m., LAW Armstrong Hall Great Hall. Speaker: Maxwell Mehlman, Templeton research fellow and professor of law and of bioethics, Case Western Reserve University. Part of the Templeton Research Lectures at ASU: Facing the Challenges of Transhumanism. Sponsored by the Center for the Study of Religion and Conflict. Information: (480) 727-6736 or csrc.asu.edu.

■ Thursday, Nov. 13

"International Climate Change Policy: 10 Precepts for the New Administration," noon, LAW Armstrong Hall Great Hall. Speaker: Daniel Bodansky, associate dean for faculty development and Emily and Ernest Woodruff Chair in International Law, School of Law, University of Georgia. Part of the Wrigley Lecture Series, presented by the Global Institute of Sustainability. Co-sponsored by the Sandra Day O'Connor College of Law. Information: (480) 965-2975 or <http://sustainability.asu.edu>.

"Geometry of the Electron Clock," 4 p.m., PS F-123. Speaker: David Hestenes, ASU. Sponsored by Department of Physics. Information: (480) 965-9075.

"Medieval Edens: Sex, Death, and Power in Paradise," 7 p.m., Memorial Union (MU) Pima Room (230). Alastair Minnis, Douglas Tracy Smith Professor of English, Yale University, delivers the ACMRS Distinguished Lecture in Medieval Studies. Co-sponsored by ACMRS and the Department of English. Reception follows lecture. Information: (480) 965-9323.

"The State of Asian Americans and Pacific Islanders in Arizona," 6:30-7:30 p.m., Karsten Golf Course Trophy Room, 1125 E. Rio Salado Parkway, Tempe. Sponsored by ASU Asian Pacific-American Studies. Information: (480) 965-0582.

"Physics of the Impossible," 7:30 p.m., Armstrong Hall Great Hall. Speaker: Michio Kaku, a theoretical physicist at NYU who works on string theory and other topics at the frontier of fundamental research. The annual Science Fact Meets Science Fiction Lecture is presented by Beyond: Center for Fundamental Concepts in Science. Information: (480) 965-3240.

■ Friday, Nov. 14

"Mechanisms of Eukaryotic Translation Initiation," noon, PS H-151. Speaker: Michael Bowser, Department of Chemistry, University of Minnesota. Sponsored by Department of Chemistry and Biochemistry. Information: (480) 965-2093.

"Neuroscience and Journalism," 12:30-1:30 p.m., College of Nursing and Healthcare Innovation (NUR) room 344 and 348. Speaker: Ed Sylvester, professor, Walter Cronkite School of Journalism and Mass Communication. Information: (602) 496-8692.

"Molecular Mechanisms of Protein Misfolding Diseases: Insights from Single Molecule Studies," 2-3 p.m., Life Sciences Center (LS) E-104. Speaker: Yuri Lyubchenko, professor and director, Nanoimaging Center, University of Nebraska. Sponsored by School of Life Sciences. Information: (480) 965-2705.

"Adding Intelligence to Mechanical CAD Systems," 2-3 p.m., PS H-153. Speaker: Jami Shah, ASU. Sponsored by Mechanical and Aerospace Engineering Department. Information: (480) 727-0476.

"Philosophy versus Economics-based Approaches to Legal Theory and Practice," 2-5 p.m., Armstrong Hall LAW room 116. Speaker: Sean O'Connor, professor, University of Washington School of Law. Discussion with panel of alumni lawyers follows talk. Sponsored by Department of Philosophy in conjunction with the Committee on Law and Philosophy. Information: (480) 965-3394.

Anthropology Colloquium, 3:30-4:30 p.m., School of Human Evolution and Social Change (SHESC) room 340. Speaker: Margaret Judd, Department of Anthropology, University of Pittsburgh. Sponsored by the School of Human Evolution and Social Change. Information: <http://shesc.asu.edu/colloquia>.

"Integrating the Effects of Geography into EU Cohesion Policy Impact Modeling: The GMR-approach," 3:30 p.m., Coor Hall room 5536. Speaker: Attila Varga, Department of Economics and Regional Studies, University of Hungary. Sponsored by School of Geographical Sciences. Information: (814) 591-6421 or bpompeii@asu.edu.

■ Saturday, Nov. 15

"Oral Traditions of American Indians," 1-2 p.m., Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix. Speaker: Lou-ellen Finter. Information: (623) 582-8007 or www.asu.edu/das/shesc/dvrac.

■ Monday, Nov. 17

"Management of North American Resources: Policy Recommendations from Rigorous Research," 10 a.m.-1 p.m., Coor Hall room 5536. A Fulbright Scholars Workshop presented by the North American Center for Transborder Studies. Fulbright Scholars from Canada will speak, including Emdad Haque, director and professor in the National Resources Institute, University of Manitoba; and Michael Haughton, associate professor in the School of Business and Economics, Wilfred Laurier University. Information: (480) 965-3807 or Phyllis.zeno@asu.edu.

"Journalism History and Traditions – 100 Years of Journalism: A National Press Club Documentary," 1:30-3:30 p.m., Cronkite Theater, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix. Followed by a conversation with Gil Klein, former Washington correspondent and National Press Club president. Part of "Cronkite Week 2008 – A Look Back." Information: (602) 496-8692.

"A Study of Gender/Age Perception of Female Professional Titles in Italian," 3-4:30 p.m., Durham Language and Literature Building (LL) room 165. Speaker: Chiara Dal Martello, Lecturer of Italian, School of International Letters and Cultures. Part of the SILC Work-in-Progress Lecture Series. Information: silc@asu.edu or (480) 965-6281.

"Crystal Growth Modeling Using the Level Set Method," 4 p.m., GWC room 487. Speaker: Christian Ratsch, UCLA. Nanoscale Science Seminar. Information: (480) 965-9075.

"Cronkite School in Year 25: A Conversation with Dean Christopher Callahan on the Past, Present and Future of Our School," 6:15-7 p.m., First Amendment Forum, Walter Cronkite School of Journalism and Mass Communication,

555 N. Central Ave., Phoenix. Part of "Cronkite Week 2008." Information: (602) 496-8692.

"American Masters: Walter Cronkite," 7-8:30 p.m., Cronkite Theater, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix. A PBS documentary detailing the career of the Cronkite School's namesake. Part of Cronkite Week 2008-A Look Back. Information: (602) 496-8692.

■ Tuesday, Nov. 18

"Latinos and the News: Covering a Rapidly Changing America," 9-10:15 a.m., Cronkite Theater, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix. Part of "Cronkite Week 2008 – Journalism Values in Today's Changing Media Landscape." Information: (602) 496-8692.

"Diversity: The UNITY Research Projects," 10:15-11:30 a.m., Cronkite Theater. Part of "Cronkite Week 2008." Information: (602) 496-8692.

"Ethics: New Challenges in a Digital Age," 2-3:15 p.m., Cronkite Theater. Part of "Cronkite Week 2008." Information: (602) 496-8692.

"Free Press: The First Amendment in the Digital Age," 3:30-4:45 p.m., Cronkite Theater. Part of "Cronkite Week 2008." Information: (602) 496-8692.

"The Press and Politics in America: Dissecting Coverage of the 2008 Election," 7-8:30 p.m., First Amendment Forum, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix. Part of "Cronkite Week 2008." Information: (602) 496-8692.

"Writing about Love in a War Zone," 7 p.m., Tempe Emanuel, 5801 S. Rural Road, Tempe. Speaker: Israeli author Meir Shale. Sponsored by Jewish Studies Program. Information: (480) 727-6906.

"To Change in a Good Way: Native American Literatures, Food Justice, and Diasporic Residency," 7:15 p.m., Peralta Hall room 145, Polytechnic campus. Speaker: Joni Adamson, associate professor of English, ASU. Sponsored by School of Applied Arts and Sciences' Humanities and Arts unit. Information: (480) 727-1562.

■ Wednesday, Nov. 19

"Feeding the Hungry, More and Better," 11 a.m., Biodesign Institute Auditorium. Speaker: Claude Fauquet, director, International Laboratory for Tropical Agricultural Biotechnology, Danforth Center, St. Louis, Mo., and co-chair, Global Cassava Partnership. Sponsored by Biodesign Institute and School of Life Sciences. Information: (480) 727-0370.

"Our New Home," 2:15-3:30 p.m., Cronkite Theater, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix. Part of "Cronkite Week 2008 – Journalism Values in Today's Changing Media Landscape." Information: (602) 496-8692.

"DNA Elasticity: A Case Study on the Importance of Mechanics in Molecular Biology," 3:40 p.m., GWC room 487. Speaker: David Swigon, University of Pittsburgh. Refreshments at 3:30 p.m. Sponsored by Center for Biological Physics. Information: (480) 965-4073.

"Our New Home," 3:45-4:30 p.m., Cronkite Theater. Former dean Wellington Reiter of the College of Design interviews building architects Steven Ehrlich and Mathew Chaney. Part of "Cronkite Week 2008." Information: (602) 496-8692.

"Anticipating Mars Sample Return," 4:10-5 p.m., PS F-101. Speaker: Michael Velbel, Michigan State University. Sponsored by the School of Earth and Space Exploration. Refreshments served at 3:45 p.m. in PS F-lobby. Information: (480) 965-5081.

"Ending Identity Politics and Rejecting the 'Wedge': How Coalition Building Can Help Us Unite and Conquer," 4:30-6 p.m., Old Main Carson Ballroom. Speaker: Kyrsten Simena, representative, Arizona House of Representatives, District 15. Part of the Seeking Justice in Arizona lecture series sponsored by the School of Justice and Social Inquiry. Information: (480) 965-7682.

■ Thursday, Nov. 20

Institute for Humanities Research Faculty Seminar Series, noon-1:30 p.m., Social Sciences Building (SS) room 109. Speakers and topics: "Queens, Princesses and Squaws: The Trafficking of Indigenous Women's Bodies," Elizabeth Archuleta; "The Gendered Foundations of Racial Formation: A Narrative History," Sally Kitch. R.S.V.P.: (480) 965-3000 or ihr@asu.edu.

"Business Journalism in the 21st Century," 1-2:30 p.m., Cronkite Theater, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix. Part of "Cronkite Week 2008 – Journalism Values in Today's Changing Media Landscape." Information: (602) 496-8692.

"Digital Media and the Future of Journalism," 2:45-4 p.m., Cronkite Theater. Part of "Cronkite Week 2008." Information: (602) 496-8692.

Biodesign Lectures, 3 p.m., Biodesign Institute Auditorium. All speakers from Åbo Akademi University, Finland. Topics: "Signaling in Cell Death and Survival," John Eriksson, head of Cell Biology; "Cellular Signaling Networks in Development and Disease-Targeting the Notch Signaling Pathway," Cecilia Sahlgren, Department of Biology;

"Regulation and Signaling of Heat Shock Factors," Lea Sistonen, academy professor, Turku Centre for Biotechnology. Sponsored by the Office of the Vice President for Global Engagement. R.S.V.P.: (480) 727-7434 or ovpg@asu.edu.

"Tackling the Digital Media Challenges," 4-5 p.m., Cronkite Theater. Christopher Callahan, dean of the Cronkite School, moderates a panel featuring Jody Brannon, News21 national coordinator and former senior editor at MSN.com; Retha Hill, director of the New Media Innovation Lab and former vice president for content at BET Interactive; and Dan Gillmor, director of the Knight Center for Digital Media Entrepreneurship. Part of "Cronkite Week 2008." Information: (602) 496-8692.

"The Future of TV Journalism in Our Democracy," 4-5:15 p.m., Cronkite Theater. Aaron Brown, Walter Cronkite Professor of Journalism and former lead anchor for CNN, conducts a conversation with 2008 Cronkite Award recipients Jim Lehrer and Robert MacNeil. Part of "Cronkite Week 2008." Information: (602) 496-8692.

Physics Colloquium, 4 p.m., PS F-123. Speaker: Brian Saam, University of Utah. Sponsored by Department of Physics. Information: (480) 965-9075.

Conferences

■ Sunday, Nov. 9

"Women of the Book – In the Jewish Tradition of Learning and Growing," 9 a.m.-1 p.m., Ina Levine Jewish Community Campus, 12701 N. Scottsdale Road, Scottsdale. Co-sponsored by Jewish Studies Program. Information: (480) 727-6906.

■ Friday, Nov. 14

"Discipuli Juncti: Students Connected through the Middle Ages and Renaissance," 9 a.m.-5 p.m., West campus. First Undergraduate Conference on Medieval and Renaissance Studies. Plenary speaker: Alastair Minnis, Douglas Tracy Smith Professor of English, Yale University. Information: (480) 965-9323.

Miscellaneous

■ Friday, Nov. 7

Reading by U.S. Poet Laureate Charles Simic, 7:30 p.m., Carson Ballroom at Old Main. Sponsored by Virginia G. Piper Center for Creative Writing. Information: (480) 965-6018.

■ Monday, Nov. 10

"Come Home to English 2008 Art and Archives Gallery," 8 a.m.-5 p.m., Durham Language and Literature Building (LL) room 316. See new artwork by Department of English faculty, staff, students and alumni. Reception: 3:15 p.m., Nov. 10. Continues through Nov. 15. Information: (480) 965-7611.

Reading and book-signing by Bill Konigsberg (MFA 2005), 6:30 p.m., College of Design North (CDN) room 60. Konigsberg's debut novel is "Out of Pocket." Sponsored by Department of English. Information: (480) 965-7611.

■ Wednesday, Nov. 12

"(A)Wake for Milton," noon-2 p.m., Memorial Union (MU) Gold Room (207). Event includes a panel discussion featuring ASU English alumni William Gentrup, Jesse Swan and Gary Hatch. Guest of honor: John Evans, ASU English professor emeritus. Sponsored by ASU English Club, Department of English and the Arizona Center for Medieval and Renaissance Studies. Information: (480) 965-7611.

"Mentoring Relationships," 12:15-1:30 p.m., Discovery Hall room 212. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://cte.asu.edu>.

■ Thursday, Nov. 13

"STAR in the Employment Interview," 3-4:30 p.m., Student Services Building (SSV) room 329. Sponsored by Career Services. Information: (480) 965-2350 or www.asu.edu/career.

"Developing Job Search Strategies for New ASU Grads," 5-6:30 p.m., SSV room 329. Sponsored by Career Services. Information: (480) 965-2350 or www.asu.edu/career.

■ Friday, Nov. 14

Ollie's Storybook Adventure, 10-11 a.m., Deer Valley Rock Art Center. Today's adventure is "The Three Sisters: Corn, Beans and Squash." Admission: \$2.50 per child; \$2 older siblings; \$2 additional adults; no charge for accompanying adults. Reservations required: (623) 582-8007. The address is 3711 W. Deer Valley Road, Phoenix.

Decision Theater Tour, 3-4 p.m., Decision Theater, 21 E. Sixth St., suite 126A, Tempe. A unit of the Global Institute of sustainability. Reservations required: Michele.nobles@asu.edu.

"Midnight in the Garden," 6:30-10 p.m., University Club. An English Department-sponsored event in celebration of Homecoming 2008. Winners of the Literary Costume and

Randel and Susan McCraw Helms Homecoming writing contests will be announced, and there will be music, dancing, a silent auction, and cabaret acts by faculty, staff and students. Information: (480) 965-7611.

■ Monday, Nov. 17

"Developing Job Search Strategies for New ASU Grads," 10:30-11:30 a.m., SSV room 329. Sponsored by Career Services. Information: (480) 965-2350 or www.asu.edu/career.

"Selling Your Skills: Résumés and Cover Letters That Get Results," 3-4:30 p.m., SSV room 329. Sponsored by Career Services. Information: (480) 965-2350 or www.asu.edu/career.

"Presidents through the Photojournalist's Lens: An Associated Press Exhibit," 4-5:15 p.m., First Amendment Forum, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix. The exhibit features J. David Ake, Washington photo editor for the Associated Press. Part of Cronkite Week 2008-A Look Back. Information: (602) 496-8692.

"Superstition Review" reading, 7:30 p.m., Student Union Cooley Ballroom B, Polytechnic campus. Information: (480) 727-1537.

■ Tuesday, Nov. 18

Discussion of "Hot, Flat and Crowded: Why We Need a Green Revolution – and How It Can Renew America," by Thomas Friedman, noon, Decision Theater Conference Room, Brickyard Orchid House (BYOH) 126A. Conducted by Lutheran Campus Ministry. Conveners: Sustainability major Loni Amundson and the Rev. Gary McCluskey. Continues Nov. 18 and 25, and Dec. 2. Information: (763) 923-3276.

"How to Find an Internship," 5-6 p.m., SSV room 329. Sponsored by Career Services. Information: (480) 965-2350 or www.asu.edu/career.

"Let's Talk About It: Jewish Literature," 7 p.m., Hayden Library room C6A/East. A discussion of "Mona in the Promised Land," a novel by Gish Jen. Information: Rachel Leket-Mor, (480) 965 2618.

■ Wednesday, Nov. 19

Reading by novelist Kunal Basu, 7:30 p.m., Scottsdale Center for the Arts, 7373 E. Scottsdale Mall, Scottsdale. Basu's works include "The Opium Clerk," "The Miniaturist" and "Racists." Sponsored by the Virginia G. Piper Center for Creative Writing. Information: (480) 965-6018.

Winter ArtFest, 10 a.m.-4 p.m., Hayden Lawn, An arts and crafts sale featuring the work of ASU faculty, staff, students and alumni. Information: (480) 965-4821 or <http://artfest.asu.edu>.

■ Thursday, Nov. 20

Grand Opening Celebration, 9-10 a.m., First Amendment Forum, Walter Cronkite School of Journalism and Mass Communication, 555 N. Central Ave., Phoenix, grand opening celebration. ASU President Michael Crow, Phoenix Mayor Phil Gordon and Walter Cronkite will be among the dignitaries at the grand opening celebration for the new Cronkite building. Information: (602) 496-8692.

"A Good Wrap Up: Ending the Semester," 12:15-1:30 p.m., Discovery Hall room 212. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://cte.asu.edu>.

Events and Performances

*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, Nov. 7

"Civil Disobedience," 5-10 p.m., alley on north side of McDowell Road between 18th and 19th streets, Downtown Phoenix. See graffiti art by national and local artists, and enjoy a live performance by the Furious Styles Crew. Part of an "urban conversation" about graffiti art. Sponsored by Herberger College of the Arts. Information: richard.mook@asu.edu.

"The Arizona Project," 7:30 p.m., Herberger Theater Center, 222 E. Monroe St., Phoenix. A one-woman show written and presented by actress Anna Deavere Smith about women, justice and the law. Also at 7:30 p.m., Nov. 8, performance includes VIP tickets for \$100, which includes a private reception with Smith. General tickets: \$25 (\$7) students. Presented by Future Arts Research (F.A.R.). Box Office: (602) 254-7399.

■ Saturday, Nov. 8

Veterans Day Weekend Traditional Pow-Wow, 10 a.m.-10 p.m., Fletcher Library Lawn, West campus. Produced by the Native American Events Committee and the Native American Student Organization. Information: (602) 543-5306.

Ellie Robb Children's Art Workshop exhibit, 11 a.m.-12:30 p.m., School of Art Plaza. Information: (480) 965-6981.

"Hip Hop in Phoenix Roundtable," 12:30-2 p.m., Evelyn Smith Music Theatre. KRS-One and other hip-hop celebrities will discuss graffiti art and the urban landscape. Part of an "urban conversation" about graffiti art. Sponsored by Herberger College of the Arts. Information: richard.mook@asu.edu.

■ Saturday, Nov. 8

Guy & Raina of "The Lawrence Welk Show," 2 p.m., Mesa Arts Center, 1 E. Main St., Mesa. This concert of Broadway tunes, selections from the great American songbook and patriotic favorites is sponsored by Eight/KAET-TV. Admission. Information: (480) 965-2877 or www.azpbs.org/eightboxoffice.

■ Monday, Nov. 10

ASU Symphony Orchestra, 7:30 p.m., ASU Gammage. The program, "Beyond Messiaen," features Gary Hill, conductor; William Bolcom, composer; Paul Festa, filmmaker; Joan Morris, soprano; and Alex Ross, critic and author. On the program: Bolcom's "Interlude from Seventh Symphony."

■ Wednesday, Nov. 12

Coffee at Kerr, 10:30 a.m., ASU Kerr Cultural Center, Scottsdale. Members of the Valley Readers Theatre Group will be the guest artists. Free, but R.S.V.P. required: (480) 596-2660. Bring a can of food or sealed personal item for Vista del Camino food bank.

ASU Jazz Combos, 7:30 p.m., Recital Hall.

■ Friday, Nov. 14

Emerging Artists dance concert, 5 p.m., Dance Studio Theatre. Performing: Samantha Basting and Kristin Toyson. Also at 7:30 p.m., Nov. 15; 2 p.m., Nov. 16.*

"Mr. and Mrs. Wyatt Earp," 7:30 p.m., ASU Kerr Cultural Center, Scottsdale. Presented by Wyatt and Terry Earp.**

■ Sunday, Nov. 16

"A Fantasy in Time," 2:30 p.m., Organ Hall. Goldman Professor of Organ Kimberly Marshall explores the concept of "fantasy" in compositions for the organ spanning the 16th to 20th centuries.*

"Orchestra Showcase," 2:30 p.m., ASU Gammage. ASU's two chamber orchestras – the Sinfonietta and Chamber Orchestra – join the ASU Symphony Orchestra for a program that culminates with music from Tchaikovsky's "Swan Lake."

Flutist Katrina King and pianist Carolyn Brow, 3 p.m., ASU Kerr Cultural Center, Scottsdale. The concert is titled "Hearts and Romance."**

■ Tuesday, Nov. 18

"Happy Days-A New Musical," 7:30 p.m., ASU Gammage. The musical reintroduces us to Richie, Potsie, Ralph Malph and the unforgettable "King of Cool," Arthur "The Fonz" Fonzarelli. Other performances: 7:30 p.m., Nov. 19-21; 2 and 7:30 p.m., Nov. 22; 2 and 7 p.m., Nov. 23.**

■ Wednesday, Nov. 19

Young Sounds of America, ASU Concert Jazz Band, 7:30 p.m., ASU Kerr Center, Scottsdale.**

Guitarist Eduardo Fernández, 7:30 p.m., Katzin Concert Hall.*

Defenses

James Cohen, PhD, Curr. and Instr., 1 p.m., Nov. 7, ED 425.

Wei Xiaotong, PhD, Chem. Engr., 9 a.m., Nov. 10, ERC 490.

Brock Ruggles, PhD, Hist., 1 p.m., Nov. 10, COOR 4411.

Junbeum Kim, PhD, Civ. and Envr. Engr., 4:30 p.m., Nov. 10, ECG 250.

Donna Young, EdD, High. and Postsec. Ed., 9:30 a.m., Nov. 12, ED 108.

Ivy Bohnlein, PhD, Ed. Ldrship and Pol. Std., 1 p.m., Nov. 12, ED 108B.

Mango Oraib, PhD, Curr. and Instr. (Lang. and Lit.), 10 a.m., Nov. 13, ED 108B.

Miriam Riner, PhD, Geol. Sci., 10:30 a.m., Nov. 13, PSH 450.

Denise To, PhD, Anth., 3 p.m., Nov. 13, CDS 321.

Amelia Crawford, PhD, Ed. Psy., 3 p.m., Nov. 13, EDB 444.

Ho Jung Yu, PhD, Engl. (Rhet/Comp and Ling.), 3 p.m., Nov. 13, LL 248.

Alexander Buyantuyev, PhD, Plnt. Bio., 9 a.m., Nov. 14, LL 105.

Xiaoyun Xu, PhD, Ind. Engr., 10 a.m., Nov. 14, GWC 510.

Huan Jin, PhD, Comp. Sci., 10 a.m., Nov. 14, MCENT 236.

Jeannine Relly, PhD, Pub. Adm., 10:30 a.m., Nov. 14, UCENT 480A.

Anna Scott, PhD, Pub. Adm., 1:30 p.m., Nov. 14, UCENT 480A.

Richard Meyers, PhD, Anth., 2 p.m., Nov. 14, SHESC 254.

Claire Clifford, PhD, Ed. Psy. (Lfsn. Dev. Psy.), 2 p.m., Nov. 14, COWDN 105.

Richard Hopkins, PhD, Hist., 3:30 p.m., Nov. 14, COOR 4403.

Sibel Uysal, PhD, Curr. and Instr. (Sci. Ed.), noon, Nov. 17, ED 425.

Stacy White, PhD, Mol. and Cell Bio., 2 p.m., Nov. 17, BDB 105.

Ali Unver, PhD, Math., 8:45 a.m., Nov. 20, PSA 206.

Liberal Arts and Sciences team repeats as Academic Bowl champions

(Continued from page 1)

Erin and Mary Beth Hutchinson, who are majoring in history and global studies, and history and religious studies, respectively; Kenneth Lan, a biology major; and Carlos Ross, a Japanese major.

Three of the four were returning team members, and Mary Beth Hutchinson was an alternate last year, so all had Academic Bowl experience.

How do they remember so many facts and figures, historical moments and not-so-famous world figures?

"I'm pretty sure Ken's brain is a giant sponge," Ross says. "As for me, I just tend to remember a vast array of things as they grab my attention."

This year's Academic Bowl competition

started in August, with 500 undergraduate students trying out for 15 school teams. The teams then played 15 matches in a game-show format, leading up to the final round.

The questions, prepared by National Academic Quiz Tournaments, covered a wide range of subjects, including psychology, geography, astronomy, mathematics, world history, religion, literature – with a number on Shakespeare's plays – opera, sports, film and theater.

Some questions that would seem to be easy stumped the contestants, such as naming the four railroads on a Monopoly board, while the students breezed through more difficult ones, such as identifying battles in the War of 1812 and characters in the "Canterbury Tales."

Colleen Jennings Roggensack, executive

director of ASU Gammage, moderated the final round.

The Academic Bowl is co-sponsored by the offices of Public Affairs and Student Affairs.

"We started the Academic Bowl to focus attention on student academic achievement," says Virgil Renzulli, ASU's vice president for public affairs. "Anyone who watched the matches had to be impressed with how knowledgeable our students are. They were able to answer many, many extremely difficult questions spanning art and music, history and current events, and science and pop culture."

While the College of Liberal Arts and Sciences team emerged as the victors, all of the students who tried out and competed on the

15 teams surely were winners, too.

Quentin Wheeler, dean of the College of Liberal Arts and Sciences, agrees.

"From my perspective, they each learn a great deal about themselves, stretching their intellectual limits and working together as a team," he says. "As dean, I was proud of both their outstanding showing and their good sportsmanship cheering on their opponents when they beat them to an answer. A liberal arts education prepares you to meet the unexpected in life, and each member of the team has demonstrated that fact to themselves and to us."

The finals, which were taped on competition night, will be aired on Eight at 5 p.m., Nov. 16.

Smith, with Media Relations, can be reached at (480) 965-4821 or jps@asu.edu.

In BRIEF

Rubio retires after 30 years of ASU service

Helen Rubio, an executive assistant in undergraduate programs at the W. P. Carey School of Business, has announced her retirement after 30 years with ASU.

Rubio began her career with the university in the Department of Psychology in 1975. She moved over to the business school in 1979.

Rubio was honored with a retirement party at ASU's Memorial Union Oct. 31.

Kay Faris, associate dean of the W. P. Carey School of Business, says Rubio was a prominent figure in the school within the Department of Economics for 14 years, then as an executive assistant in the undergraduate dean's office for the past 15 years.

"Not only has Helen been an enormous asset to the school in terms of her knowledge about the university and college operations, but she also shows the true commitment and dedication to students, faculty and staff that is so valuable," Faris says. "Additionally, Helen has been a true colleague and friend to so many she has touched over the years. While we will all miss our friend and colleague, we wish her the very best in her retirement."

Cronkite senior named top 10 scholar

For the second year in a row, a senior in ASU's Walter Cronkite School of Journalism and Mass Communication has been named one of the top 10 journalism students in the country by the Scripps Howard Foundation.

Deanna Dent of Tempe won a \$10,000 scholarship for her academic and journalistic achievements. Ryan Kost, who graduated in May, won the Scripps Howard Top Ten Scholar award in 2007. Kost is a reporter for the Associated Press in Portland, Ore.

Journalism and communication schools can nominate one full-time student for the Top Ten Scholar program each year. From the pool of candidates, a panel of newspaper, broadcast and television network professionals choose 10 recipients for the \$10,000 scholarships.

Dent, who has a double major in journalism and fine arts, specializes in photography and also has been a reporter and videographer.

She has interned at the *Arizona Republic*, the *East Valley Tribune* and the *Bulletin* of Bend, Ore. She also worked on the staff of ASU's daily newspaper, the *State Press*, and served as the paper's photo editor.

West campus to be site of pow-wow Nov. 8

The Fletcher Library Lawn at ASU's West campus will come alive with the sights and sounds of Native drummers and dancers from 10 a.m. to 10 p.m., Nov. 8, during the Veterans Day Weekend Traditional Pow-Wow. The event is free and open to the public.

In addition to dance performances, the pow-wow features two music and dance grand entries, Native arts and crafts, and food booths offering fry bread, Indian tacos and more.

The event's theme is "A Celebration of Native Veterans."

Attendees are encouraged to bring a toy to support a holiday toy drive, and to bring their own lawn chairs. (Limited seating will be provided for tribal elders.) As part of ASU's effort to promote sustainability, visitors also are encouraged to bring their own containers for drinking water. Water stations will be provided to reduce the use of plastic bottles.

The pow-wow is sponsored by several groups and offices at ASU's West campus, including the Native American Events Committee, Native American Student Organization, Public Affairs Office, and Black Student Union. The Native American Student Association at Glendale Community College is a co-sponsor and is organizing the holiday toy drive.

For more information, call (602) 543-5308.

Green Jazz Series to stage free concert

ASU and the Herberger Theater will treat students and com-

School of Social Work seeks holiday toy donations



Michael Niles poses with some of the toys being gathered by ASU's School of Social Work, Office of American Indian Projects. The toys are being collected for American Indian children living in rural and urban areas across Arizona.

Michael Niles is gathering toys that ASU's School of Social Work, Office of American Indian Projects, is collecting for American Indian children living in rural and urban areas throughout Arizona.

The office already has gathered more than 400 items such as stuffed animals, children's clothes and shoes, and games, to be distributed during the holiday season. Primary recipients will be tribal foster children.

Donations of items for children up to age 16 will be collected through Dec. 20. The toy drive is sponsored by the Indigenous Early Intervention Alliance.

Niles is a professor in the School of Social Work and co-director of the Office of American Indian Projects. He is the founder of the Indigenous Early Intervention Alliance.

Donations can be sent to the ASU School of Social Work, 411 N. Central Ave., suite 800, Phoenix, AZ 85004-0689.

To make a monetary contribution, contact Niles at (602) 496-0102 or michael.niles@asu.edu. For information about the Indigenous Early Intervention Alliance, visit the Web site <http://indigenous-early-intervention.com>.

munity members to a night on the town with a free jazz concert and a "green" business networking event.

The ASU Jazz Combos will headline the next "Green Jazz Series" concert, which will take place at 6:45 p.m., Nov. 11, at the Herberger Theater, located at 222 E. Monroe St. in Phoenix. Admission is free.

The series, which runs through April, is sponsored by Arizona State University Online and the Herberger Theater Center.

"We are offering this concert free of charge to encourage greater participation by members of the community and ASU students for whom the cost of a ticket is significant," says Mernoy Harrison Jr., ASU Online and Extended Campus vice president and executive vice provost. "It might also spark a lifelong interest in jazz music to those who attend."

Proceeds from the concert series will support the Green Survival Initiative (GSI), a Phoenix-based sustainability project. Through the use of cost-effective green technologies such as compact fluorescent lights, low-flow shower heads and water heater blankets, GSI seeks to mitigate increasing energy costs for about 1,000 low- and fixed-income households in the Phoenix metropolitan area.

Conference highlights tourism safety

ASU's Megapolitan Tourism Research Center has announced the opening of registration for the 2008 Arizona Tourism Safety & Security Conference, to be held Nov. 21 at the Hotel Valley Ho in Phoenix.

The theme of the conference will be "ROI: Securing Your Return on Investment," with the conference sessions focused on how tourism and meeting industry professionals can apply sound safety and security practices to protect – and even improve – their business ventures' bottom line in the current economic landscape.

The conference, now in its third year, is geared toward all professionals who are active in the convention and tourism industry, including meeting and event planners, hotel security and sales directors, public safety members, conference services personnel, related vendors, venue personnel and anyone involved in the planning and execution of small-to-large-scale public and private events. The event is open to attendees from across the nation, as the content will address topics in Arizona and throughout the United States.

Registration for the conference is priced at \$99 per attendee, with group discount packages available.

Sponsorship opportunities are available for the conference and can be arranged by contacting Andrée Brennan at (602) 496-1191 or andree.brennan@asu.edu.

For more information about the event, visit the Web site <http://mtrc.asu.edu/portal/aztss>.

'War on Terror' speaker to share thoughts

On Nov. 21, the Muslim Law Students Association will present Capt. James Yee, the Army chaplain who was detained in the brig in Guantánamo Bay, Cuba, for 76 days, as its "War on Terror" event speaker.

The event takes place from 4 p.m. to 8:30 p.m., Nov. 21, in Armstrong Hall of the Sandra Day O'Connor College of Law.

Yee's presentation will describe his ordeal and how the "War on Terror" has changed the way we live in America.

For more information, contact Farhana Baki at (480) 620-4585 or farhana.baki@asu.edu.

Deer Valley Rock Art Center festival set

In celebration of American Indian Heritage Month, the Deer Valley Rock Art Center will conduct its fourth annual festival from 10 a.m. to 3 p.m., Nov. 22.

The free day at the museum will feature fun activities and attractions for the whole family.

Visitors will have a chance to enjoy performances by the Mojave Bird Singers, storytelling by children's author Conrad Storad, a lecture by Desert Little Bear titled "The Diversity and Complexity of Native Cultures," Native American art demonstrations and artwork for sale, and special guest exhibitors.

Guided hikes on the center's petroglyph trail will be offered, along with rattle-making and other art activities for children, native gardening and discounts in the center's Glyph Shop.

Deer Valley Rock Art Center is located at 3711 W. Deer Valley Road, about two miles north of Highway 101 and two miles west of I-17. For more details about the American Indian Heritage Festival, please call (623) 582-8007 or visit the Web site www.asu.edu/clas/shesc/dvrac.

Volunteers sought for 2 almond trials

The Department of Nutrition at ASU is recruiting volunteers between the ages of 30-70 for two almond trials.

Volunteers who are healthy and do not have a nut allergy may qualify for one of these trials.

Individuals with Type 2 diabetes (diagnosed for at least one year but not taking insulin) also are needed, as are individuals without diabetes.

These studies will test how almond ingestion affects blood sugar. For more details, send an e-mail to master's degree student Ashley Cohen at acohen1@asu.edu.

Pact ushers in era of cooperation between ASU, University of Guanajuato

(Continued from page 1)

Guanajuato. These meetings resulted in ongoing research collaborations, evidence-based practice and other trans-disciplinary educational activities.

Collaborative studies already have been presented at conferences in the United States and Asia, as well as Mexico.

Melnik says the positive repercussions of the agreement will be felt in Arizona and Mexico for promoting health and wellness from a broader cultural perspective.

"I am very excited that we now have a formal collaboration with the University of Guanajuato," she says. "The research, scholarship and evidence-based practice initiatives that we have, and will continue to build together, will enhance the science and quality of care for the people in México and Arizona."

Flavio Marsiglia, Southwest Interdisciplinary Research Center of Excellence director in the College of Public Programs at ASU, views the collaborative agreement as research and social embeddedness at its finest.

"Guanajuato has more than a 100-year-old history of migration to the United States, and communities on both sides of the Mexico-U.S. border are very closely connected," he says. "This new partnership will allow for more effective health services on both sides of the international border."

The North American Center for Transborder Studies of the ASU College of Liberal Arts and Sciences also welcomed the news.

"This agreement between ASU and the University of Guanajuato demonstrates that ASU's reach really extends through-

out Mexico – in this case, to the important central Mexican state of Guanajuato," says Erik Lee, North American Center for Transborder Studies associate director. "The fact that the College of Nursing & Healthcare Innovation is taking the lead in this agreement further demonstrates the concern that ASU as an institution has for the well-being of citizens of North America, including those of Mexico."

Terrill, with the Downtown Phoenix campus, can be reached at (602) 496-1005 or marshall.terry@asu.edu.

Fulbright students describe experiences during time spent in Egypt

(Continued from page 1)

years old, Islamic and Coptic period areas built around 1,000-1,500 years ago, buildings influenced by the British and French in the early 1900s, and new areas.

"I'm pursuing a master's degree in migration and refugee studies at the American University in Cairo, so I'm often in an outdoor courtyard, a tree-shaded oasis, on the AUC campus in the heart of downtown Cairo. But my working conditions are very, very urban: crowded streets, vendors in every spare space, tall buildings, tons of traffic.

"I'm also teaching a refugee English course on the AUC campus, so I spend my Wednesdays in a classroom with a great group of students from Chad, Ethiopia, Somalia, Sudan, Guinea and the Central African Republic. The stories of each individual refugee – the violence and loss that they have survived – never cease to sadden me, and their resilience in the face of such adversity never ceases to inspire me."

While at ASU, Kiggins was active in Community Outreach and Advocacy for Refugees, an ASU student-founded organization that evolved into a mature nonprofit. She served as director for a year following graduation.

Lee plans to analyze the Arabic and English press in Cairo, comparing coverage of major historical events over the past 10 years. First, however, he is completing an inten-



"There are layers and layers of history everywhere you look," says Cara Steiner Kiggins of her time in Egypt. Kiggins is studying in Egypt this year, having graduated recently in anthropology from ASU. She is living in Cairo, a city of 18 million people.

sive Arabic program to learn the Cairene dialect, which is different from the Jordanian dialect he had learned.

He wrote about a scare he had recently when a friend, a young American journalist working in Jordan, was kid-

napped in Lebanon and taken into Syria for a week, but the young man was returned without injury to the U.S. Embassy in Damascus.

Lee enjoys traveling about the city, often by cab, but he compares driving in Cairo to participating in a demolition derby.

"Every driving law is disregarded," he says. "Cars do not stay in lanes, follow speed limits or watch for pedestrians. Probably the most dangerous action of all is driving without headlights at night. And some drivers will drive on the wrong side of the highways with their lights off just to avoid traffic congestion.

"Crossing roads here is a lot like the video game 'Frogger,' where you try to get the frog across the road without getting hit by a car. The tricks I've learned are to cross with natives who are crossing the street, look for speed bumps that slow drivers down, and run!"

Lee has been eagerly following the American presidential election, and he did some election-night blogging at a U.S. Embassy election party.

His blog can be found online at www.manthouri.blogspot.com.

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

Being flexible holds key to making displays truly mobile, researchers say

(Continued from page 1)

of the center's industry engagement. "Our partners are critically important to what we are trying to do. They have worked with us to co-develop and deploy several key technologies."

The Flexible Display Center was established in February 2004 with a 10-year cooperative agreement with the Army Research Laboratory and \$43.7 million in funding for the first five years. The Army's interest in flexible displays is as an enabling technology that can improve performance of its people on the ground by providing instantaneous information to even the most remote of locations.

But developing flexible displays has meant reworking them from the ground up. To make flexible displays – flexible enough to be body contouring or even folded or rolled up – FDC researchers and their industrial partners have developed new display designs, worked with new materials for the displays and associated electronics, and reworked existing manufacturing methods.

Glass ceiling

A major step toward flexible displays is to get the glass out. Today, all conventional displays – from cell phones to desktop com-

puters – are manufactured on thin glass. It's the reason why the displays are so vivid and reliable. It's also the reason why they are rigid and fragile.

Because flexible displays are so different from traditional displays, entirely new methods of manufacture (and modifications to present semiconductor methods) are needed to build them. With the goal to deliver rollable displays, the electronics behind the display must be flexible, too – so they need to be manufactured on plastic or thin metal foil substrates with new thin-film transistor technologies.

The first displays developed by the FDC incorporate "electronic ink," which uses an electric field to move negatively charged black particles and positively charged white particles. This technology produces reflective displays that have the look and feel of paper, and require extremely low power to operate.

FDC has produced 4-inch flexible screens with this technology that have QVGA (quarter video graphics array) resolution and 16 shades of grey, Raupp says. Some of these displays already have been integrated into Army technology demonstrators, such as the Future Force Warrior Soldier Flex-PDA and the General Dynamics Mission Briefer.

Future technology generations will have

larger screens and will incorporate color, as well as video capabilities, Raupp says. A greater focus will be on emissive display technology through integration of organic light-emitting diodes.

FDC also has developed enabling manufacturing advances critical to commercial success of flexible displays in collaboration with its industrial partners. Examples include a large-area, thin-film coater with industrial partner EV Group, a high-quality performance plastic substrate with DuPont Teijin Films and a low-temperature planarizing thin-film material with Honeywell Electronic Materials.

"Critical path technology" advances include materials, tools and processes for flexible systems, state-of-the-art thin-film transistors, and flexible displays that are rugged, conformal, bendable and rollable.

"In our first five years, we covered considerable technical ground in development of flexible displays and integrating them into Army technology demonstrators," Raupp says. "For the next five years, we want to create technology demonstrators that have even greater performance capabilities, including displays up to 15 inches diagonal, higher resolution, full color and possessing 'greater on substrate functionality,' which means including more flexible electronics,

such as solar power, sensors and communications capabilities."

These all are attainable goals, Raupp says, because of the powerful capabilities of the FDC – including its pilot line, simulation and design model packages, and assembly and test capabilities. But they also are attainable because the FDC has assembled a great team of industry partners and ASU researchers, engineers and technical specialists who can make the revolutionary displays a reality.

FDC industry members include (* indicates FDC charter members):

- Principal members – EV Group,* Universal Display Corp.* and Flextech Alliance (formerly USDC)*

- Associate members – E Ink Corp.,* LG Display, Hewlett Packard, DuPont Teijin Films, Kent Displays Inc.,* Honeywell,* AKT (Applied Materials), Ito America,* SSI, Etched in Time Inc., Litrex, Plextronics and Particle Measuring Systems.

- Technology user members – General Dynamics C4S,* Raytheon,* L3 Communications and Boeing.

Derra, with Media Relations, can be reached at (480) 965-4823 or skip.derra@asu.edu.

EMPLOYMENT

The following positions are available as of Nov. 7 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, 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. Code below is: (O) – position is open to the public.

STAFF POSITIONS

TEMPE CAMPUS

Professional

Academic Success Specialist (O) #21454 – W. P. Carey School of Business/Under-

graduate Programs (Nov. 14).

Graphic Design Specialist (O) #21471 – V.P. Research and Economic Affairs (Nov. 13).

Program Coordinator (O) #21224 – Undergraduate Admissions (Nov. 14).

Administrative support

Administrative Associate (O) #21356 – Fulton College of Education (Nov. 12).

Cashier-Field Operations (O) #21448 – University Business Services (Nov. 12).

DOWNTOWN PHOENIX CAMPUS

Professional

Coordinator Senior, Dean's Office (O) #21490 – College of Public Programs (Nov. 17).

WEST CAMPUS

Professional

Academic Success Coordinator #21477 – W. P. Carey School of Business/Undergraduate Programs (Nov. 21).

ACADEMIC POSITIONS

TEMPE CAMPUS

Assistant Professor #9247 – College of Liberal Arts & Sciences (Nov. 14; every two weeks thereafter until search is closed).

WEST CAMPUS

Assistant/Associate/Full Professor #9246 – Division of Educational Leadership & Innovation-Teacher Education & Leadership (Nov. 15; every week thereafter until search is closed).

Assistant Professor #9248 – Division of Humanities, Arts & Cultural Studies- New College of Interdisciplinary Arts & Sciences (Dec. 12; every two weeks thereafter until search is closed).

Assistant Professor #9250 – Division of Humanities, Arts & Cultural Studies-New College of Interdisciplinary Arts & Sciences (Dec. 12; every two weeks thereafter until search is closed).

New report outlines challenges faced by Asian-Americans in Arizona

By Judith Smith

"Arizona doesn't even see us. And when they do see us, I think it's a stereotype of, 'All Asians are intelligent and succeed,' and therefore they don't need any type of encouragement or counseling or tutoring and the like."

Not all Asian-Americans and Pacific Islanders in Arizona feel invisible, but according to a new report, to be released Nov. 13 by the Asian Pacific Arizona Initiative (APAZI), many of them do.

The report, "The State of Asian-Americans & Pacific Islanders in Arizona," is the result of a year's collaboration by ASU's Asian Pacific-American Studies program and the ASU for Arizona in the Office of Public Affairs.

It follows on the heels of a similar report, "The State of Black Arizona," which was published last year, says Kathryn Nakagawa, interim director of the Asian Pacific-American Studies program, who worked with former director Karen Leong on the project. Nakagawa, a professor in the Mary Lou Fulton College of Education, assumed leadership of the project this past summer.

"This report arose from recognition that pol-

icy-makers lack adequate information on Asian-Americans and Pacific Islanders (AAPI) in Arizona," she says.

As student interns and community members began gathering data for the report, it became evident that "there was a lack of data," Nakagawa says. Adult members of the Asian-American and Pacific Islanders were surveyed, and the ASU student interns staff conducted focus groups.

"From the initial collaborations, certain areas were identified as being important to the community," Nakagawa says.

The communities – including immigrants and their descendants from China, Japan, Cambodia, India, the Philippines, Korea, Laos, Pakistan, Burma, Thailand, Vietnam, Hawaii, Samoa, Tonga and other countries – still suffer from the "Model Minority Myth," Nakagawa says.

"That myth says that of all minorities, Asian-Americans do the best," she says. "They are successful. But just as with any group, some pockets do well and some don't. They are not all going into engineering. There are health and language issues, and high rates of poverty among some groups."

The report looks at several major areas: The history of Asian-Americans and Pacific Islanders in Arizona, and issues dealing with health, economics and finances, language, the increasing complexity of biracial and multicultural issues, public safety, law and politics. The concluding chapter is on cultural festivals.

Highlights from the 80-page report include these facts:

- The growth in the AAPI community has been rapid: From 1980 to 2006, the rate of growth for Asian-Americans was 599 percent, with the Native Hawaiian or other Pacific Islander rate at 738.6 percent. Chinese-Americans, Filipino-Americans and Asian Indian-Americans comprise more than 50 percent of the AAPI population in Arizona.

- Asian-Americans visit doctors in lower numbers than the rest of the population. They are infected with the hepatitis B virus and tuberculosis at disproportionately high rates.

- AAPIs have the lowest rates of using mental health services among all other racial groups, perhaps because of stigma or shame over using such services, lack of financial resources or language

barriers.

- The Selig Center for Economic Growth estimates that Asian-Americans' buying power in Arizona will increase by 434 percent between 1990 and 2011.

- Asian-Americans are leaving their traditional gateways to the West – California and Washington – because they are weary of jammed freeways, high home prices and persistent crime, and they are moving to other areas, such as Phoenix and Las Vegas.

Salt River Project donated the printing of 2,000 copies of the report, which will be given to the various AAPI communities, state legislators, educators and others.

The report will be unveiled at a reception and program that begins at 5 p.m., Nov. 13, at Karsten Golf Course.

Copies of the report also are available from the ASU Asian Pacific-American Studies Program by calling (480) 965-9711.

Smith, with *Media Relations*, can be reached at (480) 965-4821 or jps@asu.edu.

Federal DNA grant boosts Arizona Justice Project

By Judy Nichols

The Arizona Justice Project and the Arizona Attorney General's Office have been awarded a \$1.4 million grant from the U.S. Justice Department through its National Institute of Justice. The grant will be used for post-conviction DNA testing in cases of forcible rape, murder and non-negligent manslaughter to demonstrate innocence.

Under this grant, Arizona could become one of the first states in America to systematically and categorically identify inmates in which DNA might resolve questions about innocence, and then conduct the needed testing.

"This grant affords us a very exciting opportunity," says Carrie Sperling, executive director of the Arizona Justice Project and a professor at the Sandra Day O'Connor College of Law, where the project is housed. "This is a huge and important undertaking, and the opportunity to collaborate with all of the relevant agencies in the state is very exciting."

Over the next 18 months, the Arizona Justice Project will identify and evaluate potential cases – and, with the help of the Attorney General's Office, will secure the relevant biological evidence and the necessary files.

The state's attorney general, Terry Goddard, says the grant will help make sure the right people are convicted.

"DNA testing is a powerful tool that benefits all involved in our criminal justice system, especially victims," Goddard says. "This grant enables my office to support local prosecutors and ensure that those who have committed violent crimes are identified and behind bars."

The Arizona Justice Project and the Attorney General's Office will work with Arizona's public and private crime labs



Carrie Sperling

under the grant administration of the Arizona Criminal Justice Commission.

Arizona's crime laboratories will make their resources available both for examination of samples and for conducting comparison testing through the national database of DNA profiles. Several private laboratories also have been identified to assist in the collaborative effort, including the Chromosomal Laboratories located in Phoenix.

The project also will use private investigators through the Arizona Association of Licensed Private Investigators.

The project will continue with its criminal justice endeavors and case evaluations in many other areas.

"We look forward to devoting special attention to this undertaking and the partnership with Arizona's law enforcement and forensic communities," Sperling says.

More than 200 exonerations in the United States have resulted from DNA evidence, two of them in Arizona. Most of these exoneration cases are brought forward by inmates through private attorneys or nonprofit organizations, such as the national Innocence Project or state organizations such as the Arizona Justice Project.

The principals of this grant-funded post-conviction DNA project will document the processes with the goal of making this a best practice to be replicated in other states that allow for post-conviction DNA testing.

The Arizona Justice Project, an innocence project, is in its 11th year and is centered at the College of Law, which enjoys a national reputation as a center for the study of forensic science, in addition to DNA research and evaluation.

For many years, project officials also have worked in concert with the James E. Rogers College of Law at the University of Arizona and with the Northern Arizona University Justice Project.

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

Education initiative receives recognition for case study at ASU

By Verina Palmer Martin

ASU has been selected to participate in a case study by the Teachers for a New Era Learning Network, which will examine the university's ambitious initiatives to improve teacher education as a university endeavor.

On Oct. 20-21, the Learning Network team visited ASU's College of Teacher Education and Leadership on the West campus, and the Mary Lou Fulton College of Education in Tempe.

The team's members talked with faculty members from the School of Educational Innovation & Teacher Preparation at the Polytechnic campus. They heard presentations about the progress of the statewide Teacher Preparation Research and Evaluation Project (T-PREP), and the university's other efforts to better prepare teachers for the classroom.

"Teachers for a New Era believes the way to improve teacher education is through data," said Mari Koerner, director of University Teacher Preparation and dean of the College of Teacher Education and Leadership. "Facts collected by colleges will help us understand what is working and what needs to be improved. Through T-PREP, the Learning Network sees ASU as a leader in designing and implementing a way to collect this data across campuses along with the University of Arizona and Northern Arizona University."

Elizabeth Capaldi, ASU's executive vice president and provost, says the university's success is measured by the quality of its graduates.

"We prepare our teachers in both content and pedagogy, and we measure our success by their success in the classroom," she says. "ASU has a wide range of initiatives to facilitate this, from the T-PREP teacher tracking program to our deans working together on teacher education across colleges and disciplines. Teachers for a New Era shares these goals and is a great partner in this effort."

The Learning Network is a forum for higher education institutions dedicated to reforming teacher education by building on three design principles of Teachers for a New Era. The \$125 million initiative was launched in 2001 by the Carnegie Corp. of New York, with support from the Annenberg and Ford foundations. Daniel Fallon, former director of the Carnegie higher education program, set forth a challenge to colleges and universities to improve teacher education by making radical changes in how they allocate resources evaluate faculty, measure accountability and maintain relationships with practicing schools.

"Dr. Fallon believed the best way to improve teacher preparation in this country was by going through the colleges of education, not doing away with them," says Elaine Surbeck, associate dean for teacher education with the Fulton College of Education. "As a result, there are institutions in the country now engaged in highly innovative practices that cross disciplinary lines and that document and follow the performance of teachers over time."

Eleven colleges and universities answered Fallon's challenge and received \$5 million in matching funds to help restructure their teacher education programs and set a national standard for excellence based on these three design principles:

- Decisions Driven by Evidence, which involves drawing upon research and creating a data system that can follow the progress of teacher education students into their classrooms, ultimately connecting teacher impact on student success.

- Engagement with the Arts and Sciences, which focuses on general and liberal education in order to improve subject matter understanding of potential teachers.

- Teaching as an Academically Taught Clinical Practice Profession, wherein schools are considered clinical sites for the practice of effective strategies within a community of learners who combine the skills of classroom teachers with that of research faculty.

Martin, with the *College of Education*, can be reached at verina.martin@asu.edu.

College repeats as 'Best of the West' winner

By Steve Des Georges

For the second straight year, ASU's College of Teacher Education and Leadership has won "Best of the West" honors from the Western Maricopa Coalition (WESTMARC).

The college was recognized for its Project ASPIRE, a program aimed at recent college graduates and second-career professionals that provides a pathway to become a special education teacher.

The award, presented at the 16th annual WESTMARC Best of the West Awards Ceremony Oct. 30 at the Renaissance Glendale Hotel and Spa, was accepted by Mari Koerner, dean of the West campus teacher education college.

"This is such a wonderful honor, because it recognizes the importance of education and working with our most precious asset, our children," says Koerner, whose college took Best of the West honors last year for its master's program that features Teach For America students earning hands-on, in-classroom experience in Valley schools. "This recognition goes to our outstanding students, who have embedded themselves in classrooms

across the community and have reached out to our many partner school districts to teach and learn as they pursue a career in education."

The program and its partnership with the Avondale Elementary School District was recognized by WESTMARC for "helping to match teachers with hard-to-fill special education positions."

Project ASPIRE is a five-year, \$3.19-million grant awarded by the U.S. Department of Education to train highly qualified teachers for high-need subject areas in high-need student populations. In addition to the Avondale district, ASPIRE works in partnership with a Phoenix urban school district and four rural Arizona districts.

"Providing a high-quality teacher for a child with special needs can make the difference between a lifetime of independence and a lifetime of dependency," says Kathleen Puckett, associate professor of special education, who wrote the original program grant request. "Teacher training programs by themselves cannot provide special education teachers with the necessary preparation and support. Effective special education training must include partnerships with school districts that

embrace professional development of the beginner, the novice and the seasoned professional educator. Our partnership with the Avondale Elementary School District is a wonderful example of how our students are making such a difference in the lives of their students."

Justan Rice, an ASPIRE student teacher in the Avondale district, says the program and the college are deserving of even greater recognition.

"This is a truly unique program that should serve as a standard throughout teacher education and teacher preparation coursework," Rice says. "Project ASPIRE offers its participants the unique opportunity to experience special education in a full immersion setting."

The Best of the West honor is the sixth such award that programs at ASU's West campus have earned over the past seven years. In addition to education programs, others receiving recognition during that span have included cultural offerings, student services, community outreach, and art workshops.

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