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## Special section

Over the years, ASU has had a dramatic impact on the state in terms of education, health care, sustainability, urban policy and the economy.

As ASU celebrates its 50th year as a major public university, this special section inside this week's *ASU Insight* looks back on how the university has served the needs of Arizona – and has advanced the state's overall competitiveness as well.

## Poll volunteers

ASU faculty, staff and students all are encouraged to volunteer as poll workers for the Nov. 4 U.S. general election, which is expected to draw a record voter turnout. ASU has joined eight other major Valley employers in taking Arizona Secretary of State Jan Brewer's corporate challenge to encourage employees to volunteer.

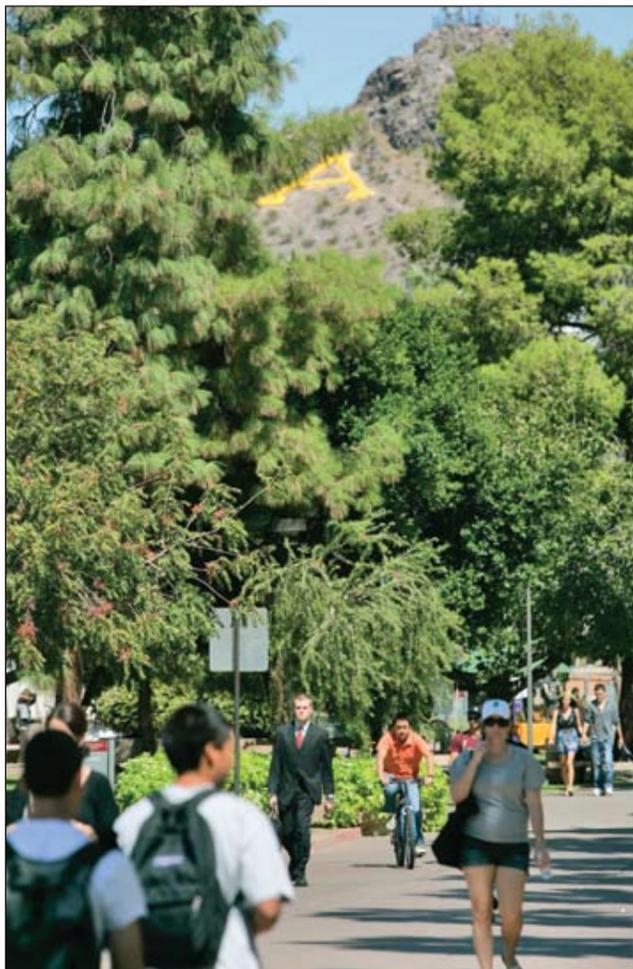
The state needs more than 14,000 poll workers to staff the more than 2,200 polling places throughout the state, 1,139 of which are in Maricopa County. ASU staff members who want to volunteer first must obtain approval from their supervisors, who are encouraged to make every effort to accommodate as many requests as feasible on a first-come, first-served basis.

Faculty members interested in volunteering can only do so if it does not conflict with their university responsibilities and should alert their department chairs if they choose to volunteer.

Although ASU will not pay employees who volunteer, they will receive up to \$100 for their service from the secretary of state. A full day's absence will be necessary for this volunteer opportunity. Employees who accrue vacation time may use vacation hours on this day.

To become a poll worker, each person must be a U.S. citizen, a registered voter and also attend a short training session. To sign up or to get more information, visit the secretary of state's Web site, [www.azsos.gov](http://www.azsos.gov), or call (877) 843-8683.

The giant "A" on A Mountain looms in the background as students walk along Cady Mall on ASU's Tempe campus. Enrollment at ASU this fall has reached a record 67,082 students, more than 4 percent higher than last year's 64,394.



## Fall enrollment figures show ASU topping 67,000 mark

By Sarah Auffret

Enrollment at ASU this fall has reached a record 67,082 students, more than 4 percent higher than last year's 64,394.

ASU's enrollment has grown by nearly 12,000 students since 2002, when it adopted the mission of becoming a high-quality, high-access university.

All four ASU campuses experienced an increase.

The Downtown Phoenix campus enrolled 8,431 students in its third year, with the Walter Cronkite School of Journalism and Mass Communication having relocated downtown from the Tempe campus this fall. Last year there were 6,595 enrolled.

At the Tempe campus, 52,734 students are enrolled, increasing more than a thousand over last year's 51,481.

Enrollment at the Polytechnic campus in Mesa grew to 9,614, a 10 percent increase from last year's 8,752. Enrollment at the West campus grew to 9,572 from 8,664 last year.

More students are attending ASU full time, almost 6 percent more than last year.

Of the total enrollment, 13,784 are graduate students.

ASU enrolled 168 freshman National Merit Scholars this year. The number of freshman National Merit, National Hispanic and National Achievement scholars totals 278, up 25 percent in the past five years.

While overall minority enrollment numbers are not yet available, more than one-third of the 2008 freshmen are ethnic minority students, doubling

(See ENROLLMENT on page 7)

## Grants help ASU Archives bring history to forefront

By Judith Smith

With the Arizona Centennial right around the corner – in 2012 – interest is sure to grow in the history of the 48th state to be admitted to the Union.

Thanks to grants totaling \$146,432, ASU Archives is working to make sure that a wide variety of historic materials is easily accessible.

ASU Archives is joining with several collaborators and partners to bring three projects and collections to the forefront. They are:

- "Expanding Access to Arizona Archives."
- "Why Arizona? The Arizona Migration Digital Library."
- "Unlocking the Archives of Children's Theater."



Rob Spindler

The first, "Expanding Access to Arizona Archives," enables ASU to invite four new archival repositories to join Arizona Archives Online, an existing partnership with the University of Arizona and Northern Arizona University, says university archivist Rob Spindler.

"Arizona Archives Online ([www.azarchivesonline.org](http://www.azarchivesonline.org)) enables access to detailed descriptions of archival collections using national standards for archival description," Spindler says. "This service makes it possible to search many Arizona archives in one place, and it also exposes high-quality information to Google, just in time to support centennial research projects."

The new partner repositories are the Tucson and Phoenix divisions of the Arizona Historical Society, the Arizona Historical Foundation and the Arizona State Archives.

Spindler and Michael Lotstein, assistant archivist for records and collections management at ASU, are project co-directors.

The second project, "Why Arizona?" will create a package of stories about why individuals from all walks of life chose to relocate to Arizona throughout the state's history, even before territorial dates and statehood.

"Why Arizona?" is a digitization planning project that brings together historians, students and a curriculum designer in selecting archival materials," Spindler says.

"Teams at all three Arizona universities will comb through voluminous archives to explore

(See GRANTS on page 7)

Flinn Foundation Centennial Lecturer to appear in public forum at ASU Oct. 16

## Newspaper executive ponders politics, media

By Sarah Auffret

Press coverage of one of the most riveting presidential campaigns in modern history will be a provocative starting point for journalist Leonard Downie Jr. in a free public lecture at ASU Oct. 16, "Focusing on the Future: Politics, Conflict and the Media."

Downie has covered his share of politics, having served as executive editor of the *Washington Post* for 17 years and as a *Post* reporter and editor for the 27 years prior.

He will speak at 7:30 p.m. in the Galvin Playhouse of the Nelson Fine Arts Center on ASU's Tempe

campus, 51 E. 10th St.

As the 2008 Flinn Foundation Centennial Lecturer, Downie also will spend several days meeting with ASU students and speaking in their classes.



Leonard Downie Jr.

a new role Sept. 8 as vice president at large of the Washington Post Co. His visit is being conducted by Bar-

rett, the Honors College.

Downie also will appear in a public forum at 7 p.m., Oct. 20, at the Walter Cronkite School of Journalism and Mass Communication. The event will be in the First Amendment Forum on the second floor of the Cronkite building, 555 N. Central, Phoenix.

Downie has called the 2008 election a seminal campaign, with the first African-American candidate, a voter divide by age and a shifting demographical situation that seems to have the states realigning themselves. The media landscape also has changed, with candidates contacting voters through webcasts,

Facebook and YouTube.

The longtime journalist is known for being so objective that he doesn't vote. He said in a June interview that he's not sure he'll register for this election, since for years he has avoided forming personal opinions about politicians or issues so that he can have an open mind in supervising news coverage.

After joining the *Post* as a summer intern in 1964, Downie became a well-known local investigative reporter in Washington, specializing in crime, courts, housing and urban affairs. This reporting won him two

(See NEWSPAPER on page 7)

## ASU's United Way giving provides boost for entire Valley

By Judith Smith

Last year, the ASU community raised \$788,360, a record amount for Valley of the Sun United Way.

Can we do it again this year? And better?

The 2008 goal has been set at \$827,780, which is a 5 percent increase over last year.

The 2008 campaign has already begun, with a breakfast honoring ASU faculty and staff who give at the Leadership Level. The breakfast was held at Karsten Golf Course, saluting the 236 who give at the Maroon and Gold levels (\$500 to \$999); the 179 Leadership Society members (\$1,000 to \$9,999); and the eight who have given at the \$10,000 and above level.

At the breakfast, Rick Naimark, deputy city manager for Phoenix and a United Way board member, says the \$50 million or so that United Way receives each year "has a huge impact on the community."

"The money goes to strategic areas," says Naimark, who has been a United Way donor for more than 10 years. "It's very focused. It's not just about dribbling money to the community, but figuring out what is needed."

To better serve the Phoenix area, Valley of the Sun United Way has entered a partnership with ASU's College of Public Programs to "map out the human infrastructure for our community," Naimark says.

Though the economy is in a downturn, Naimark says 2008 should not be a "down year" for United Way, but just the opposite.

"This is the perfect time to ramp up contributions," he says. "In the Valley, 13 percent of the people live in poverty, and one-third of those are single-parent households. We have a lot of work to do to bridge the economic gaps in our community."

ASU President Michael Crow told the Leadership Level givers, as well as the ASU campaign managers and unit representatives in attendance, that the United Way campaign is significant because it is the only group that the whole university is involved with.

"We need to be engaged in the campaign personally and financially," he said. "We should be shocked that the workers in the city of Phoenix give twice as much as ASU, and Intel factory workers give more than we do."

Crow said some people in the ASU community choose

not to donate because "United Way gives to 'X' charity." "That's bogus," he said. "You can direct your giving."

He added: "Organizations move forward because leaders step out. If your family income is above \$200,000, you are in the 97th percentile of income in the United States. If you make above \$100,000, the vast majority of people make less than you do. It seems to me a modest request that we find some way to engage with United Way."

He praised the Leadership Level donors for their contributions.

"Last year we had a considerable increase in Leadership Level giving," Crow said. "Thank you."

United Way pledge cards are being distributed, and pledge forms should be returned by Oct. 17. Donors who complete and submit their forms by 5 p.m., Sept. 26, are eligible for the early bird drawing for a \$500 U.S. Airways gift card. Those who pledge online have until midnight. For details, visit the Web site [www.asu.edu/unitedway/donate.html](http://www.asu.edu/unitedway/donate.html).

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

## Art exhibition spans continents as well as cultures

By Matt Crum

Irish artists' reflections on century-old photographs of American Indian life in Arizona form the basis of the "Response" exhibition, which runs Oct. 1-23 at ASU's West campus.

Twenty-four printmakers from Northern Ireland created individual artworks based on their responses to the Schwemberger photographs, an archival collection housed at ASU that is on display in the United Kingdom. The Schwemberger collection comprises nearly 2,000 glass plate negative photographs taken by Brother Simeon Schwemberger of the St. Michaels Franciscan Mission near Window Rock. Dating from 1902 to 1908, the photos depict American Indian people, places and daily activities common to early 20th century life in the Navajo and Hopi communities of Arizona and New Mexico.

"The Schwemberger collection is receiving major international attention," says Robert Taylor, a professor in ASU's New College of Interdisciplinary Arts and Sciences and curator of the "Response" exhibition.

"Response" features 24 prints, each 16 inches by 24 inches, representing a range of techniques including etching, screen-printing, lithography, calligraphy and relief prints. These prints recently were shipped from Belfast, Ireland, and framed at ASU's West campus for the October exhibition.

"Response" opens Oct. 1, with a 6:30 p.m. reception at the New College IAP Art Gallery, on the second floor of the University Center Building at ASU's West campus, 4701 W. Thunderbird Road in Phoenix.

For gallery hours, call (602) 543-2787.

Crum, with Public Affairs at the West campus, can be reached at (602) 543-5209 or [matthew.crum@asu.edu](mailto:matthew.crum@asu.edu).

## Professor emeritus elevates peace studies at ASU

By Cathy Charlson

ASU professor emerita Annelle Hardt has created a named faculty chair at ASU's Center for the Study of Religion and Conflict.

The chair is named after Hardt and her late husband, Anthony Nickachos.

The holder of the Hardt-Nickachos Chair in Peace Studies will:

- Lead research and teaching on the ideas, resources and practices that contribute to a sustainable peace.
- Regularly teach courses in peace studies.
- Provide ongoing leadership and direction in the advancement of peace studies.
- Collaborate with other concerned faculty members.

"It has been a privilege to work with Ann Hardt on initiatives related to religion, conflict and peace studies over the past few years," says Linell Cady, the center's director. "It is wonderful to see a former faculty member make so generous an investment in teaching excellence. We are gratified by her gift, as it enables us to focus on an important aspect of our mission."

Spreading an understanding of peace was Hardt's passion as a professor in the College of Education, and it continues to be her passion since her retirement in 1990. During her years at ASU, Hardt taught multicultural education, peace and conflict studies, cooperative learning, elementary education, and school and society. She also directed conferences at ASU on "Alternatives to Violence" and "The Meaning and Control of Conflict."



ASU professor emerita Annelle (Ann) Hardt is helping fund a faculty chair position to teach and provide ongoing leadership and direction in advancing peace studies at ASU.

"For many years, I wanted ASU to have courses in peace," Hardt says. "Several times I taught 'Peace Studies in Education,' which was modeled after an introductory course for peace majors elsewhere. As a society we have studied war and violence, but have had very little study of peace and nonviolence. It's time to study peace at ASU."

Hardt has received numerous awards and recognition for her work on behalf of peace. Nickachos was frequently by her side, offering constant support and feedback. He supported her initiative in religion, conflict and peace studies at

ASU, and he encouraged, challenged, supported and helped her formulate some of her critical public statements on peace.

"Tony was the great support of my life," says Hardt. "He believed in peace, and because of his military background he was able to keep me honest in my peace activities and statements. As I worked in the community, he expressed his life by personally helping others."

Nickachos was a retired Navy lieutenant commander. He earned a teaching certificate from the ASU College of Education and taught in the Roosevelt School District in Phoenix. He was known as a kind and giving teacher who often helped students after school.

Peace studies, a broad field applicable to nearly all academic disciplines, examines the possibilities for nonviolence, peace and alternatives to violence expressed throughout human history and culture.

With the Hardt-Nickachos Chair in Peace Studies, ASU is aiming to elevate its profile in this area. The Hardt-Nickachos gift is leveraging university funds, as well as additional operating support, from the president's office to ensure that the new chair holder is a nationally recognized, high-level faculty appointment.

"Religion and culture will continue to play a major role in shaping global conflict and possibilities for peace in the 21st century," Cady says. "This makes the establishment of the Hardt-Nickachos Chair all the more urgent."

Charlson, with the ASU Foundation, can be reached at (480) 727-9740 or [cathleen.charlson@asu.edu](mailto:cathleen.charlson@asu.edu).

## Educators gather at ASU for day of learning Oct. 4

By Chris Lambrakis

ASU will gather more than 300 educators and administrators from Arizona in one spot Oct. 4 to share ideas and continue their own learning. ASU's School of Educational Innovation and Teacher Preparation is conducting its Fourth Annual Education Fair at the Polytechnic campus from 8 a.m. to 3 p.m.

"The Education Fair enhances instructional innovation by providing opportunities for networking and sharing resources between community partners, educators and university students," says Molina Walters, clinical assistant professor in the school. "The Polytechnic campus is growing, and we are looking forward to showing off our new academic buildings and allowing our new science and math faculty to share their content expertise."

More than 50 community partners will participate in the Education Fair, including the Desert Botanical Gardens Gilbert Riparian Institute, Arizona Museum for Youth, Riparian Institute, Arizona Game and Fish, Arizona Geographic Alliance, Arizona Science Center, Barefoot Books, Children's Museum of Phoenix, McGraw Hill, the Phoenix Zoo, Sargent Welch, Wards Natural Sciences and many more.

SRP, Arizona Foundation for Resource Education and Central Arizona Project are the primary sponsors for this year's event.

The school hopes to get educators excited about math and science by showcasing the new math and science education teaching labs at the Polytechnic campus, and by highlighting the talents of

the new math and science faculty – as well as many local Valley teachers.

Educational breakout sessions will be available, where lessons that can be quickly and easily implemented in the classrooms will be taught. This year, educational opportunities will be expanded to include breakout sessions by local educators and content area workshops, which can be used to meet the professional development requirements for many local districts.

These breakout sessions will last about one hour and will cover a wide range of content and issues, including special education, English as a second language, science, math, reading, social studies, art and educational games. Each session emphasizes the use of community resources in the classroom, and the content is aligned with state academic standards.

The fair will be held in the Student Union Cooley Ballrooms, with breakout sessions being held in classrooms on the Polytechnic campus.

Registration for the entire day's events is \$40. The fee for full-time education students attending ASU, Central Arizona College or Maricopa Community College District is \$10, with student identification. Check-in will be from 7:30 a.m. to 9 a.m. in the Student Union.

For more information, contact Molina Walters at (480) 727-1510 or [drmo@asu.edu](mailto:drmo@asu.edu).

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

## ASU Insight

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**Deadlines:** Submit all articles, notices and calendar items as early as possible. **Deadline is Friday before noon for the following Friday's paper.**

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## Downtown Phoenix campus joins recycling effort

By Marshall Terrill

ASU's Downtown Phoenix campus is showing its true colors when it comes to sustainability.

New colored recycling containers for paper, plastic and aluminum were distributed throughout the Downtown Phoenix campus in building corridors, vending and staff areas this past month. That effort, along with a new agreement with a disposal company, will allow for "co-mingling" of recyclable materials and further the sustainability efforts of ASU.

"While less-than-visible efforts for recycling were already in place, we found that the bulk of what was being disposed of as trash were items that were recyclable," says Cathie Fox, facilities management director for the Downtown Phoenix campus. "By converting the compactors currently used for trash to be used for recyclable materials, we are able to implement a co-mingled recycling program in a space-challenged environment. By employing this method, we're helping the environment and using the most cost-effective method to dispose of trash."

Fox says the Downtown Phoenix campus recently bought about 100 sets of bins and an additional 600 desk-side containers, which will be distributed to all offices and work stations across the campus.

Janitorial staff will empty the large yellow, blue and green bins and smaller desk-side containers once a week in addition to regular trash pickup, making it easy for staff, faculty and students to participate. Even though the program is co-mingled, having bins that separate recyclable items helps to minimize the contamination from other waste that typically happens with one universal recycle container.



New colored recycling containers for paper, plastic and aluminum were distributed throughout the Downtown Phoenix campus in building corridors, vending and staff areas this past month.

It also helps educate the community at large of what can be recycled and what is trash, Fox says.

"We were very strategic about this recycling investment and continue to work to further the sustainability efforts of ASU," she says. "We're hoping that the amount of waste disposed of will go down and recycled material will go up."

The co-mingled recycling program will be fully operational at the Downtown Phoenix campus by Oct. 1. ASU's Tempe campus implemented a co-mingled recycling program over the summer.

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

## Undergrad research program opens students' eyes

By Judith Smith

Helme Castro spent eight weeks studying mathematics and theoretical biology at ASU this summer, and completing a research project titled "A Cyclical Model Approach to the Nemesis of Consciousness: Alzheimer's," which modeled biological dynamics of Alzheimer's.

After he finished, he came to a startling conclusion: "I can do anything."

Castro, a Native American from Ecuador whose first language is Quecha, could be the poster student for ASU's annual Mathematical and Theoretical Biology Institute's Summer Undergraduate Research Program.

MTBI, directed by Carlos Castillo-Chavez, brings between 24 and 30 undergraduate students to the Tempe campus for a rigorous course of study and research, with the purpose of motivating minority students – including women – to consider graduate study in mathematics and theoretical biology.

This year's students hailed from across the United States and came from as far away as India, Korea and South Africa. Each U.S. student receives room and board, as well as a \$3,000 stipend.

Classes are the typical graduate-level courses, with an emphasis in math and biology, says MTBI coordinator Shanae Blunt. In addition to taking classes, students team up for research projects on topics of their choosing.

The projects this year had such titles as "A Mechanism for Stabilizing Oscillations in Certain Nonlinear Systems Possessing Different Time Scales," "The Effects of Estrogen and Chemotherapy on the Dynamics of Invasive

*"Taking the students to compete against their peers encourages them to think about a doctoral degree."*

*– Shanae Blunt, coordinator of the Mathematical and Theoretical Biology Institute*

Carcinoma of Breast Cancer Patients" and "The Effects of Maternal Age on the Prevalence of Autism."

Following a colloquium at ASU, the students traveled with their posters to Montreal to present the work to their peers and science researchers at the Society for Industrial and Applied Mathematics (SIAM) conference.

"Several posters won awards of recognition," Blunt says. "Taking the students to compete against their peers encourages them to think about a doctoral degree. A lot of students don't think about graduate school."

When the students were asked what they learned after the eight weeks was over, "90 percent said that they never thought they could do such work," Blunt says. "They've never had the opportunity, and they've never been challenged. The quality of the research work easily compares

to that of a master's degree thesis and has often resulted in refereed publications at leading journals. The National Science Foundation, the National Security Agency, the Alfred T Sloan Foundation and the Office of the Provost at ASU have been strong supporter of these efforts."

MTBI's research experience has helped ASU recruit 35 students for its graduate programs – a group that includes 22 students in the new degree in applied mathematics in the life and social sciences, and 10 in the mathematics, statistics and mathematics education.

Castillo-Chavez brought MTBI with him in 2004 when he came from Cornell University to ASU. In its first 12 years, MTBI sent 153 students to graduate school, with 120 of those students from under-represented minority groups, and has sent 56 women into doctoral programs.

Castro, from the northern part of Ecuador, is an ASU student whose mother worked at ASU as an outreach coordinator for the Center for Latin American Research for three years before returning to Ecuador. He applied for MTBI at Castillo-Chavez's urging and says he is "really happy" that he did.

Not only did he learn that he can stretch academically, but he gained a wider perspective on his major field of study: material science and engineering.

"Professor Castillo-Chavez wants you to have a well-rounded balance in your life," Castro says. "This helped me not to polarize my goals and knowledge."

"I also made some really good friends."

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

## Students can study in Dubai through new program

By Marshall Terrill

ASU is offering students an opportunity to enhance their intercultural academic experiences and globalize their degrees with a new study abroad program in the Persian Gulf.

"ASU in Dubai" is a new winter program directed by Mirna Lattouf, a senior lecturer at ASU's School of Letters & Sciences, and Victor Teye, an associate professor in the College of Public Programs' School of Community Resources and Development. Program participants will get a taste of culture, cuisine, history, tourism and development in the emerging Emirate of Dubai. They'll also discover what a future global city will look like.

"Mirna Lattouf will develop a significant study abroad program in Dubai," says Frederick Corey, ASU's School of Letters & Sciences director. "Her scholarship on Middle Eastern history and culture, religious studies and women's studies creates a compelling foundation for the examination of this emerging, complex society."

The session starts Dec. 27 and runs through Jan. 13. The application deadline is Sept. 26. Applications received after that date will be reviewed depending on space availability.

Dubai, one of seven states that comprise the United Arab Emirates, is situated in the southeast of the Arabian Peninsula on the Persian Gulf. The states are rich in oil and natural gas and have become highly prosperous, especially the Emirate of Dubai. With the most populous and second-largest emirate, Dubai has become famous through innovative real estate projects, sporting events,

conferences, its emergence as a business and tourism hub, and as a playground for the rich and famous worldwide.

"This is a priceless opportunity for our students to see what the future holds, because Dubai is the vanguard of what a new society will look like," says Lattouf, program director for ASU in Dubai. "Students get to live, observe and engage in this society, rather than theoretically study about Dubai in a classroom. It also puts ASU at the forefront of President Michael Crow's global engagement philosophy."

ASU and Phoenix are cultivating a relationship with Dubai officials to discuss possible future joint efforts. Sultan Saeed Nasser al-Mansoori, minister of economy for the Arab Emirates, met with Crow and Phoenix Mayor Phil Gordon in July as part of a daylong visit to ASU conducted by the Office of the Vice President for Global Engagement.

Al-Mansoori is also an ASU alum who earned a degree in industrial engineering and management systems in the late 1980s.

Courses that students take in Dubai are offered in tourism development and management, religious studies and interdisciplinary studies. The courses are designed to fulfill degree requirements of students majoring and minoring in various programs.

For program details, including costs, travel arrangements, living accommodations, and credits, call (602) 496-0638 or visit the Web site <https://studyabroad.asu.edu/home/node/6671>.

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

**Nancy Levison**, head of ASU's Phoenix Urban Research Lab, says that when it comes to our city, "we should not care about the skyline, but the streetscape. The skyline of Manhattan is something you appreciate in New Jersey. In the thick of Manhattan, you're excited about the streetscape. The skyline is something you see from a specific angle. Many great cities don't have a great skyline." *Arizona Republic*, Sept. 7.

The Large Hadron Collider (LHC) was designed to solve big mysteries, such as the nature of dark matter – but some experts are arguing that it could lead to medical and technological advances. Such potential breakthroughs are often an "ancillary benefit" of big science projects like the LHC, says ASU theoretical physicist **Lawrence Krauss**. Still, Krauss says, these benefits are a misguided way to justify building the atom smasher. "Our job as scientists is to explain that these esoteric things (such as dark matter) are not completely unrelated to humanity," he says. "Ultimately, we address the questions of how we got here and what we're made of." *National Geographic*, Sept. 12.

The fact that this year's presidential race has two sitting U.S. senators running against each other means their fellow home-state senators have some slack to pick up for their missing colleagues. "The other part of the equation is that both (Illinois Sen. Richard) Durbin and (Arizona Sen. Jon) Kyl are known for being very good workers. They're workhorses," says ASU history professor **Kyle Longley**. "But staff does 90 percent of the work anyway. Local issues are typically handled by the local staff." *Arizona Republic*, Sept. 13.

For product-liability cases, plaintiffs' lawyers foot the bills – and, therefore, take cases they think they can win. "If you take the most likely cause of action away, the calculations for the plaintiff's lawyer become much more dire," says ASU's **Gary Marchant**, a professor of emerging technologies, law and ethics. "It will change the dynamics of which cases are brought. Only the much stronger, the real sure-win kind of cases will be brought. The iffy ones will become financially unviable. Pharmaceutical drugs right now are probably the hottest area of liability." *Los Angeles Times*, Sept. 15.

"Hair is important to both men's and women's identity and social position," says ASU's **Rose Weitz**, a professor of women's and gender studies. "It is intimate and personal, but it is available for others to see, so at some level we can always use our hair to say something about ourselves." Long hair is pretty risky for a politician, Weitz says, adding: "Sarah Palin having long hair worn up is riding a fine line. She's saying, 'I have long hair, but don't worry, I can be professional.'" *Morning Call*, Sept. 19.



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

## Meetings

### Monday, Oct. 6

**University Senate**, 3-5 p.m., Education Lecture Hall room 117. Information: (480) 965-2002.

## Lectures

### Friday, Sept. 26

**"The Role of Engineers in Public Policy,"** 2-3 p.m., Bateman Physical Sciences Center (PS) H-153. Speaker: Johné Parker, University of Kentucky. Sponsored by Mechanical and Aerospace Engineering Department. Information: (480) 727-0476.

**"Autoantibody-induced Neuroinflammation: Neuropsychiatric Syndromes in Lupus-prone Mice,"** 2-3 p.m., Life Sciences Center (LS) E-104. Speaker: David A. Lawrence, head, Cellular Immunology, New York State Department of Health. Sponsored by School of Life Sciences. Information: (480) 965-2705.

**"Evolution of MATLAB,"** 4-5 p.m., PS A-118. Speaker: Cleve Moler, chairman and chief scientist at Mathworks. Part of the Distinguished Lecture Series sponsored by the Department of Mathematics and Statistics. Refreshments served at 3:15 p.m. in PS A-206. Information: [irina@asu.edu](mailto:irina@asu.edu).

**Distinguished International Lecture**, 4-5 p.m., Biodesign Auditorium. Sir Nigel Sheinwald, British ambassador to the United States, speaks on foreign policy issues. Sponsored by the Office of the Vice President for Global Engagement. Sheinwald has served in Brussels, Washington and Moscow. R.S.V.P.: [ovpge@asu.edu](mailto:ovpge@asu.edu) or (480) 727-7434.

### Tuesday, Sept. 30

**Marshall Lecture**, 7 p.m., ASU Gammage. Speaker: Calvin Trillin, journalist and author. Sponsored by the College of Liberal Arts and Sciences. Free, but tickets required. Information: (480) 965-1441.

### Wednesday, Oct. 1

**DCDC Water Briefing**, noon, Decision Center for a Desert City Conference Room 175, Brickyard Orchid House (BYOH), 21 E. Sixth St., suite 126B, Tempe. Speaker: Trevor T. Hill, president and chief executive officer of Global Water Resources. Sponsored by the School of Geographical Sciences, Decision Center for a Desert City, Global Institute of Sustainability and the Central Arizona-Phoenix Long-Term Ecological Research Project. Includes

lunch. Reservations required: (480) 965-3367 or Estella. [Ohanlon@asu.edu](mailto:Ohanlon@asu.edu).

**"Mapping of the Pepper Golden Mosaic Virus-Distortion Strain 'Recovery' Phenotype to the 5' Upstream BL1 Region and Evidence for Low Viral Abundance in the Phloem,"** 3:40 p.m., Barry M. Goldwater Center (GWC) room 487. Speaker: Judith Brown, University of Arizona. Refreshments at 3:30 p.m. Sponsored by Center for Biological Physics. Information: (480) 965-4073.

### Thursday, Oct. 2

**"Nanomagnetism: Perspectives Through Coherent X-rays,"** 4 p.m., PS F-123. Speaker: Karine Chesnel, Brigham Young University. Sponsored by Department of Physics. (480) 965-9075.

**"Land-As-Home: American Resource Wars in the Arctic & Desert,"** 7 p.m., Global Institute of Sustainability (GIOS) ROOM 101. Speaker: Indian-born artist-educator-activist Subhankar Banerjee. Sponsored by F.A.R. (Future Arts Research) @ ASU. Information: (602) 258-1852 or [sarah.munter@asu.edu](mailto:sarah.munter@asu.edu).

**"Challenges Facing 21st Century Indigenous People,"** 7 p.m., Heard Museum's Steele Auditorium, 2301 N. Central Ave., Phoenix. Wilma Mankiller, former president of the Cherokee Nation, delivers the Simon Ortiz and Labriola Center Lecture on Indigenous Land, Culture and Community. Reception and book-signing follows lecture. Sponsored by ASU's American Indian Studies Program, Department of English, Department of History, Labriola National American Indian Data Center and Women and Gender Studies Program, and the Heard Museum. Information: (480) 965-7611 or [www.heard.org](http://www.heard.org).

### Friday, Oct. 3

**"A Talk in Two Parts,"** 10:30 a.m., Durham Language and Literature Building (LL) room 316. Maureen Daly Goggin, editor or co-editor of five scholarly collections, speaks on "A Stitch in Time: Janie Terrero's 1912 Suffrage Signature Handkerchief" and "Ins and Outs of Editing Scholarly Collections." Sponsored by the Rhetoric Society of America at ASU. Information: (480) 965-7611.

**"The Importance of Molecular Structure in Aerosol Formation from the Oxidation of Hydrocarbons,"** noon, PS H-151. Speaker: Paul Ziemann, Department of Chemistry, University of California-Riverside. Sponsored by Department of Chemistry and Biochemistry. Information: (480) 965-2093.

**"How Does Your Garden Grow? Mechanical Sensing and the Regulation of Growth in Arabidopsis,"** 2-3 p.m., LS E-104. Speaker: Simon Gilroy, Botany Department, University of Wisconsin-Madison. Sponsored by School of Life Sciences. Information: (480) 965-2705.

**"Ferroelectric Materials: Applications, Characterization, and Modeling,"** 2-3 p.m., PS H-153. Speaker: Chris Lynch, University of California-Los Angeles. Sponsored by Mechanical and Aerospace Engineering Department. Information: (480) 727-0476.

**"Brute Force: On the Strategic Origins of Meaning and Speech Acts,"** 3 p.m., Coor Hall room 120. Speaker: Mitch Green, Cavaliers' Distinguished Teaching Associate Professor of Philosophy, University of Virginia. Sponsored by Department of Philosophy. Information: (480) 965-3394.

**"Spatial Analytic Methods in Health Utilization and Outcomes Research,"** 3:30 p.m., Coor Hall room 5536. Speaker: Lee Mobley, RTI International. Sponsored by School of Geographical Sciences. Information: (814) 591-6421 or [bpompeii@asu.edu](mailto:bpompeii@asu.edu).

### Monday, Oct. 6

**"A Brilliant Idea for a Test Aid – the Yunfu qunyu of the Yuan Dynasty (1279-1368),"** 3-4:30 p.m., LL room 165. Speaker: Young Oh, assistant professor of Chinese, School of International Letters and Cultures. Part of the SILC Work-in-Progress Lecture Series. Information: [silc@asu.edu](mailto:silc@asu.edu) or (480) 965-6281.

### Wednesday, Oct. 8

**"Protein Folding by Zipping and Assembly Method,"** 3:40 p.m., GWC room 487. Speaker: Banu Ozkan, ASU. Refreshments at 3:30 p.m. Sponsored by Center for Biological Physics. Information: (480) 965-4073.

**"The Power of Women in Overcoming Obstacles and Challenges,"** 5:30-7:30 p.m., Old Main Carson Ballroom. Speaker: Kemba Smith, a graduate of Virginia Union University who spent more than six years in federal prison after being convicted of distributing crack cocaine. Prosecutors acknowledged that she never sold or used drugs. She was granted clemency by President Bill Clinton. Presented by Black Graduate Student Association. Information: [bgsa@asu.edu](mailto:bgsa@asu.edu).

### Thursday, Oct. 9

**Physics Colloquium**, 4 p.m., PS F-123. Speaker: David Haase, North Carolina State University-Raleigh. Sponsored by Department of Physics. Information: (480) 965-9075.

### Friday, Oct. 10

**"The Combined Application Of 2D NMR Techniques And Fourier Transform Ion Cyclotron Mass Spectrometry For Unraveling The Chemical Composition Of Natural Organic Matter: A New Analytical Approach,"** noon, PS F-151. Speaker: Patrick Hatcher, Department of Chemistry & Biochemistry, Old Dominion University. Sponsored by Department of Chemistry and Biochemistry. Information: (480) 965-2093.

**"Creating a Scientific Discipline: Konrad Lorenz, Niko Tinbergen and the Founding of Ethology,"** 2-3 p.m., LS E-104. Speaker: Richard Burkhardt, professor of history emeritus, University of Illinois. Sponsored by School of Life Sciences. Information: (480) 965-2705.

**"Eco-Policies and Generative Programs for Sustainable Cities (part of the Late Lessons in Early History initiative),"** 3:30 p.m., College of Design North room 60. Speaker: Besim S. Hakim, a consultant in urban design, an independent scholar and a former professor of architecture and urban planning who has been researching and writing about traditional cities from the Mediterranean region since 1975. Sponsored by School of Geographical Sciences and School of Human Evolution and Change. Information: [http://geography.asu.edu/colloquium08\\_hakim](http://geography.asu.edu/colloquium08_hakim).

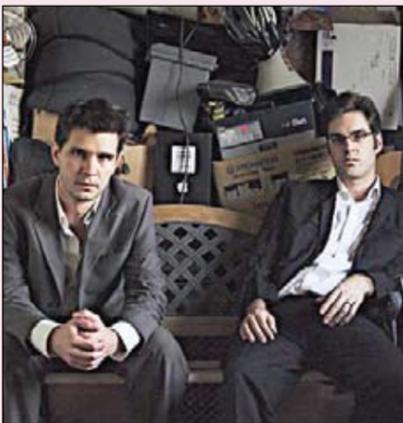
## Miscellaneous

### Friday, Sept. 26

**"Locating Funding,"** 3-4:45 p.m., Computing Commons (CPCOM) room 107. Sponsored by Office for Research and Sponsored Projects Administration. Information and registration: <http://researchadmin.asu.edu/Training/workshops.cfm>.

**Clean Election Debate**, 6:30 p.m., ASU Research Park ASML Training Center, 2010 E Centennial Circle, Tempe. Candidates in District 20 will speak. Information: (480) 965-0100.

# Community rhythm, harmony give downtown music series beat



ASU PHOTO

The music group Try Me Bicycle is headlining the inaugural "Know Your Neighbor" free concert series sponsored by ASU's Downtown Phoenix campus. The series aims to introduce students, faculty and staff to the downtown community.

By Marshall Terrill

ASU's Downtown Phoenix campus is using the power of music to engage faculty, staff and students to build lasting relationships with their local community.

The group Try Me Bicycle is headlining the inaugural "Know Your Neighbor" free concert series, which began Sept. 23 and runs through November.

The series, sponsored by ASU's Downtown Phoenix campus and local communities, is open to the public. It's designed to introduce students to each other and the community in which they live.

"The 'Know Your Neighbor' concert series is an exciting opportunity for ASU faculty, staff and students to get to know local venues, musicians, community members and each other," says Malissa Geer, community engagement liaison for the Office of the University Vice President at the Downtown Phoenix campus. "Our campus is surrounded by many local businesses and organizations that are eager to know our faculty, students and staff in a much more meaningful way. Using the arts and local venues is only one of the many unique ways for ASU's Downtown Phoenix campus to become even more integrated into this rich and vibrant community."

The series will continue Oct. 3 at the Sheraton Hotel, located at 340 N. Third Street in Phoenix. Additional shows by Try Me

Bicycle are scheduled for downtown Phoenix Sunnyslope, Grand Avenue Arts District and Roosevelt Row. A portion of the band's debut CD, "Voicings," will go toward support of community engagement activities.

Formed in the fall of 1995, Try Me Bicycle features Andrew Naylor on vocals and guitar, Jay Novak on bass, Jacob Koller on piano and synthesizer, and Nathan Geer on drums. The group's blend of modern folk, jazz and piano infuses its compositions with a sense of life and convincing poignancy.

"Phoenix is a very diverse city and each community has its own vibe and personality," Naylor says. "We see a lot of the same faces, and it sparks a kinship between our music and the downtown community."

The concert series schedule includes:

- Sheraton Hotel, 8 p.m., Oct. 3, 340 N. Third Street, Phoenix.
- Sunnyslope Art Walk/Neilson Galleries, 6 p.m., Oct. 11, 8801 N. Central Avenue, Phoenix.
- Roosevelt Row 2008 Harvest Festival, noon, Oct. 18, between Fourth and Seventh Streets on East Roosevelt Road, Phoenix.
- Paisley Violin, 7:30 p.m., Nov. 7, 1030 NW Grand Avenue, Phoenix.

Terrill, with the Downtown Phoenix campus, can be reached at (602) 496-1005 or [marshall.terryll@asu.edu](mailto:marshall.terryll@asu.edu).

**Impact**

A look back at ASU's impact on the state of Arizona over the years in terms of education, health care, sustainability, urban policy and the economy.

*i1-4*

# ASU<sup>®</sup> Insight

## ARIZONA STATE UNIVERSITY

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September 26,  
2008

### ASU's impact at 50 years

## ASU has lasting impact on state of Arizona

*Morrison Institute for Public Policy builds bridge between university and AZ communities*

By Nancy Welch

Over the years Arizona State University has had a substantial impact on the state of Arizona in terms of education, health care, sustainability, urban policy and the economy. Inherently linked to its surrounding communities, ASU has been a pivotal agent in serving the needs and advancing the competitiveness of Arizona and its residents.

Nowhere else is the university's connection to the state more visible than in the work and mission of ASU's Morrison Institute for Public Policy. As ASU celebrates its 50th anniversary, one can see in Morrison Institute's eclectic history the university's role in helping solve the state's most pressing issues of the day.

Since the mid-1980s, Morrison Institute has researched public policies that impact greater Phoenix, the state and the nation. The efforts of scores of staff members, faculty associates and graduate students have informed, advised and assisted Arizona's leaders, providing a bridge between the university and its communities. Concerns and outlooks have evolved over time, even as the state's fundamental growth-related challenges in such areas as education, urban growth and economic development have remained constant.

The institute began when Marvin and June Morrison wanted to help Arizona's leaders make wise choices in the face of rapid growth and dramatic change. Through the urging of their son Richard and others, they chose to create an applied public policy institute as their vehicle. They selected Arizona State University as its home to ensure credibility, scholarship and independence – and to be close to the action at the Arizona capitol.

### Sparking debate on issues, challenges, choices

From the first major statewide study of urban growth to the initial analysis of the Sun Corridor as Arizona's "megapolitan" region, with more than 200 studies in between, the institute has provided not just facts and figures, but scenarios and choices for Arizona's future.

In 1988, the Morrison report "Urban Growth in Arizona" brought to light ideas and opinions that still resonate today: How can Arizona's urban growth be funded? How can Arizona maintain an adequate water supply for its growing areas? In the



ASU PHOTO

**Celebrating its 50th anniversary, ASU has been pivotal in serving the needs of Arizona's residents and advancing the state's overall competitiveness.**

*Marvin and June Morrison wanted to help Arizona's leaders make wise choices in the face of rapid growth and change. They chose to create an applied public policy institute as their vehicle. They selected ASU as its home to ensure credibility, scholarship and independence – and to be close to the action at the Arizona capitol.*

view of all this growth, what is happening to the quality of life in Arizona? In the 2001 Arizona Policy Choices report "Five Shoes Waiting to Drop on Arizona's Future," Morrison identified five fundamental trends including at the time the state's leadership crisis and its "fuzzy" economic identity. Addressing these challenges before the shoes dropped was a call to action that couldn't be ignored. It asked policymakers to marshal the skills and creativity of

Arizona's residents to ensure a prosperous future for the state.

By 2005, in "How Arizona Compares," Morrison Institute answered "just fair" to the critical question of where this state stacked up relative to others. It answered which state is wealthiest or healthiest? And how does Arizona's home ownership compare to other states? The reference work provided a unique point-in-time view of the state.

More recently in 2007, for Pinal County, Morrison Institute showed the common ground between leaders and residents, and suggested 17 "cool tools" that formed the basis of the county's public involvement process for its comprehensive plan. This year in "Megapolitan: Arizona's Sun Corridor," the scenario for the Arizona's more-than-metro region shows sufficient progress and pain to prompt the question for all Arizonans: in 2035, do you want to live in the Sun Corridor?

### Defining the "next big thing"

Before there was a knowledge economy, there was the "new economy." As business people, educators and policymakers struggled to understand the fundamental shift to an economy based on brains instead of brawn, Morrison Institute provided a primer. In "The New Economy," Morrison looked beyond the tech revolution, defined the terms, and identified the policy choices for Arizona.

Most recently, in partnership with the Global Institute of Sustainability, Morrison helped to explain why sustainability is "the issue of our age" in their report "Sustainability in Arizona."

### Providing a foundation for new policies and programs

When the Arizona Department of Education funded a multi-year, multi-million

(See INSTITUTE on page i4)

## College promotes, provides quality health care in AZ

ASU College of Healthcare & Innovation produces graduates, programs for Arizona

By Terry Olbrysh

For 51 years, the ASU College of Nursing & Healthcare Innovation has been the major source of baccalaureate-prepared nurses in the state of Arizona with more than 8,000 graduates. Perhaps the most recognized of health care professions in Arizona, nursing accounts for the largest segment of the state's health care workforce with a 4:1 ratio to physicians in hospital settings.

A shortage of nurses in the state has been a barrier to improving health care for many years. To help address the shortage – Arizona ranks 45th in the nation – ASU has nearly doubled its annual nursing enrollment to 300 since 2002. In the last 10 years alone, ASU has graduated 1,962 nurses, and most have remained in Arizona.

Educating baccalaureate-prepared nurses to provide quality care is the core mission of the college, says Bernadette Melnyk, the fifth dean in the history of ASU nursing.

"We are proud of our record of educating nurses to provide quality healthcare in this state," Melnyk says. "However, our goal is also to contribute in many other important ways to make this a healthy state and to make this university the healthiest one in the country."

The college also impacts Arizona economically through an intensified focus on research. Since 2005, ASU has increased the number of grants received from the National Institutes of Health and private funding of nursing research, as well as innovative educational programs, by more than \$6 million. These studies are primarily conducted here with expenditures benefiting the Arizona economy.

Many of the studies address ways to promote optimum health in people across the life span with a special emphasis on minority populations and other communities in the state that lack access to quality care. Study results are valuable in providing direction for programs that will target our most significant health care problems and direct funding to the

(See COLLEGE on page i3)

## ASU research sets stage for 'green' growth in Arizona

*The university's sustainability efforts have led to a host of benefits for the state*

By Rick Heffernon

Arizona State University's environmental research and public outreach efforts have led to a host of benefits for Arizona through the years. In key areas that include renewable energy, riparian ecosystems, urban ecology and community policymaking, the university has impacted the state's sustainable landscape as well as contributed to the development of a unique educational opportunity for training sustainability professionals.

"Long rooted in the culture of ASU is the idea of working in interdisciplinary teams to make the world a better place," says Jonathan Fink, the Julie Ann Wrigley Director of ASU's Global Institute of Sustainability. "Through our research, education and outreach to the community our goal is to improve the lives of future generations."

### Solarizing our energy supply

Arizona's favorable climate set the stage for ASU to develop strong solar energy research, development and education programs over the years starting in the mid-1950s. The school served as an early headquarters for the most prestigious solar energy organization of the time, the Association for Applied Solar Energy (now the International Solar Energy Society), and this involvement helped attract professors and researchers to ASU who would go on to win major research grants, develop innovative solar energy systems, and then demonstrate their ideas in novel solar buildings and devices that still influence solar designs today.

As an outgrowth of ASU research, several demonstration

(See UNIVERSITY on page i4)

## University serves students of all ages

ASU partners with schools, organizations to improve education statewide

Education is the very foundation of Arizona State University.

The first public institution in Arizona to provide education beyond the eighth grade, the Territorial Normal School in Tempe, opened its doors Feb. 8, 1886 as a teachers' college and the first form of higher education the state had ever seen. The core of the campus was a 20-acre cow pasture donated by leading citizens who sought an institution to train public school teachers as well as provide instruction to their sons and daughters in agriculture and the mechanical arts.

The first graduating class of Tempe's normal school included 33 students who had earned the first higher education degrees awarded in the American Southwest. It wouldn't be until about 50 years later in 1937 when the first graduate degree would be offered – a master's degree in education.

Today, ASU's education research and practice-oriented programs are provided through colleges across three of the university's four campuses: the College of Teacher Education and Leadership at the West campus, the Mary Lou Fulton College of Education in Tempe, and the School of Educational Innovation and Teacher Preparation at the Polytechnic campus. These education programs consistently appear among the top-rated research-intensive institutions in the United States and tout an array of nationally and internationally distinguished faculty. When graduates from these programs exit the university, many of them enter Arizona's work force, playing critical roles and serving the state as educators, administrators, counselors and psychologists.

ASU's ability to leverage resources from across the university and through community partnerships have helped provide schools in the Greater Phoenix area with cutting-edge programs that bring journalism, sustainability, bioscience, bioengineering, law and athletics to grade-school students. This was particularly evident in the 2003 establishment of the Office of the Vice President for Education Partnerships (VPEP) – a unit that works primarily with prekindergarten-12, public and private sector partners to enhance the academic performance of Arizona's students.

"We are deeply committed to achieving the next level of excellence in working with our partners to improve the education of Arizona's children," says Eugene E. Garcia, professor of education and vice president of education partnerships.

Although the university has a long history of engagement with the K-12 community, the development of a systemwide VPEP office has further enabled ASU to build on existing partnerships that focus significantly on innovative research and development. Since the office's inception, more than 40 Valley school districts have participated as fully engaged partners, supported by \$7.3 million in resources from 27 different agencies or foundations.

The impact can be seen in Maricopa County's high school graduation rates that have improved comparatively with the assistance of university-partnered programs. For example, the graduation rate for Phoenix Union High School District increased six percent in only a three-year period from 2003 to 2006. One high school (Carl Hayden) improved dramatically during this time period from 67.1 percent to 77 percent in its graduation rate.

"As ASU evolves and matures into the New American University, its commitment to meeting the educational needs

of Arizona's children has never been greater," says George W. Hynd, senior vice provost and dean of the Mary Lou Fulton College of Education. "It has not forgotten its roots."

ASU has helped advance K-12 education even further with the 2006 launch of the Arizona Initiative for Math & Science Education – an Arizona public-private, tri-university collaborative model designed to improve educational outcomes in STEM (science, technology, math and science) fields. Since the launch of this initiative, the state has adopted new math and science standards to better prepare students for entrance into college and successfully compete in a 21st century work-



Students at the West campus take classes at ASU's Osher Lifelong Learning Institute. The institute's fall 2008 class offerings provide university-quality learning experiences for adults across the Valley.

force. As part of these efforts, ASU appointed an associate senior vice provost for STEM education improvement. This newly created position has been facilitating new directions for STEM education across the university.

Perhaps the most visible university-community partnership in education is this year's emergence of University Public Schools, Inc. (UPSI), a vision that began five years ago and was brought into fruition through the hard work of highly qualified UPSI personnel and university staff and faculty members. The nonprofit organization works in collaboration with ASU to offer a competitive public school education to students throughout the Valley.

The recent fall opening of Polytechnic Elementary welcomed its first class of students into a unique academic environment that introduces a higher level of global education as well as technology learning. The school is expected to accommodate students from kindergarten through the ninth grade by 2010.

As a university that is succeeding in its mission to increase both student access and student quality, ASU has come a long way from its inaugural year as an official university in 1958.

With a current enrollment that tops 66,000 students, the university is home to an impressive number of National Merit Scholars – placing ASU among the top 20 universities in the country along with Harvard, Stanford, Yale, UC Berkeley, MIT and Princeton – and a record number of Fulbright Scholars. ASU offers more than 250 academic undergraduate programs and first-class research facilities, and since 1994 has been recognized as a premier research university.



ASU's famous Palm Walk on the Tempe campus circa 1966.

### What's in a name?

- 1885 Territorial Normal School
- 1899 Normal School of Arizona
- 1901 Tempe Normal School
- 1925 Tempe State Teachers' College
- 1945 Arizona State College at Tempe
- 1952 The School of Education
- 1955 The College of Education
- 1958 Arizona State University



President G. Homer Durham, Jr., right, greets ASU's first Ph.D. recipients at Commencement on June 4, 1963. They are, from left, John H. Mabry, Virginia K. Maresca, and Jesse W. Jones. The fourth recipient, Montrose Wolf, is not in the photograph.

## ASU's growth drives local, state economy

University research, development serve as seed corn of long-lasting economic growth in AZ

"I can't think of a single factor more important to economic vitality than the research university."

– Dr. Robert Parry, president  
Federal Reserve Bank of San Francisco

With more than 67,000 students and graduating 14,000 students annually, Arizona State University is one of the largest universities in the country. Foremost an educational institute, ASU also is a key driver of the local and state economy.

ASU graduates drive the Greater Phoenix economy and an expanding research base that yields innovative breakthroughs and plants the seeds for new enterprise. Overall, ASU accounts for a total of a whopping \$3.2 billion dollars annually in economic impact, larger than Intel's impact on Arizona.

If ASU were a private employer, it would be the third largest in the state. The total number of jobs supported by ASU directly, indirectly and

secondarily tops 50,000 and approaches \$2 billion in total wages. According to a 2005 report by the Center for Business Research, Arizona's annual net income was more than \$1.4 billion higher because of the education services provided by the university. As the alumni base expands each year, so does the number.

Over the years, ASU has been critical to regional growth, as it has cultivated social networks of students, innovators and alumni who have contributed to the success of existing firms, enabled start-ups and attracted established firms to the area. The Valley's substantial growth over the last 50 years has been closely linked to that of the university's.

Although the easiest ways to describe ASU's overall economic impact is as an employer, a purchaser of goods and services, and as a population magnet, the university's research capacity has not only provided immediate economic impacts for the state, but has opened up new industries and

created new jobs. If the first 50 years as university were about the raw number of graduates and employees, the next 50 will be about what those graduates and employees create both locally and globally. By spawning new technical fields and firms that can advance the commercialization of ideas, university research and development serve as the seed corn of long-lasting, knowledge-based economic growth.

"Research universities act as magnets for business that seek the talent they produce and benefits derived from the innovations and creative activi-

*"Trace the paths of the most successful entrepreneurial ventures and you are likely to find that research university connectivity played an important role."*

– Dennis Hoffman,  
economics professor

W. P. Carey School of Business

ty underway," says Dennis Hoffman, economics professor, associate dean for research, and director of the Seidman Research Institute in the W. P. Carey School of Business. "University R&D acts as a catalyst for private activity. Trace the paths of the most successful entrepreneurial ventures and you are likely to find that research university connectivity played an important role."

Similar to other American universities, ASU has evolved over the last decade into a large, diversified system that serves a wide array of research needs posed by a modern industrial society. Since 2001, Arizona State University has added more than 1 million square feet of research space, and the total number of research awards has increased by 50 percent, leading to more federal funding and a universitywide emphasis on innovation.

SkySong, the university's hub for new innovative technologies and entrepreneurial opportunities, serves as an exemplar of the impact



In the 1960s, ASU's Grady Gammage Memorial Auditorium was the university's new signature building. In 2005, the Gammage Broadway series was responsible for more than \$41 million in spending in the Phoenix area.

### University growth

Fall enrollment numbers, 1958-2008

1958	9,708	1988	43,426
1968	23,341	1998	48,922
1978	37,122	2008	67,082



SkySong, the university's innovation hub, is expected to create up to 4,000 new jobs.

a university can have on the local and global economies. It is expected to create up to 4,000 relatively high-paying jobs, as well as revitalize its surrounding community. Staff analysis suggest that a redevelopment of nearby centers will help result in a net increase in direct city revenues over a 30 year period of \$146 million. The very nature of SkySong encourages entrepreneurs to train in the region and stay in the region to participate and help create a local enterprise.

SkySong's impact won't be measured just by the businesses onsite. Julia Rosen, associate vice president of Innovation + Entrepreneurship, says SkySong "is a global business portal that will enhance ASU's ability to translate its innovations to the marketplace, as well as expand its number of global technology and entrepreneurial partners."

As a major research institution that is working to shape industry and advance technology, ASU's economic growth trajectory hinges on its ability to generate and direct 21st century innovation. Its growth trajectory – a goal of \$350 million in sponsored research by 2012 and an estimated 100,000 students by 2020 – provides the means to make this happen.

# Arizona State University's impact over the years...

### Who is served?

ASU's education programs have far reach throughout Arizona



#### Schools & Families

Bridges to High School/Puentes a La Secundaria Project Hispanic Mother Daughter Program Creciendo Unidos Adult and Family Literacy Project College is for You The Parent Institute for Quality Education Vamanos: Let's Go!



#### Students

Biodesign Summer High School Internship Club ASU Junior Law Mars Education Program Barrett Summer Scholars Leaps & Bounds: A Kindergarten Readiness Program The Summer Broadcast and Journalism Institutes Access ASU



#### Teachers

Teach for America Beginning Education Support Team ALPHA Teacher Project Exemplary Teachers for Arizona Professional Development School Teacher Education Program CRESMET Center for Learning and Teaching Excellence IDEAL: Integrated Data to Enhance Arizona's Learning



#### Leaders

The Learner Centered Leadership ALPHA Administrative Leadership Project Decision Theater Leaders for Learning Teacher Evaluation and Career Ladder Training for School Administrators Education Policy Fellowship Program Learning Forever

## College targets health care problems, expands community reach with new programs

(Continued from page i1)

areas of greatest need.

In the past three years, the ASU nursing college has created five collaborative centers that work with many other private and public health care organizations. The centers include: the Center for the Advancement of Evidence-Based Practice (CAEP); the Center for Improving Health Outcomes in Children, Teens & Families; the Center for Improving Healthy Outcomes in Aging; the Center for Healthcare Innovation & Clinical Trials; and the Hartford Center of Geriatric Nursing Excellence.

CAEP has been the catalyst in forming the Arizona Consortium for the Advancement of Evidence-Based Practice, an organization of more than 50 hospitals and health care agencies working together to increase the use of evidence to improve quality health care and best patient outcomes.

A hallmark of the college has been its presence in the community. In 1977, the college was first in the United States to establish an academic nursing center at a university. The mission of the center was to provide health care to the public while providing students with valuable clinical experience under faculty supervision.

That first established center in Scottsdale is still meeting community health needs after more than 30 years. The college now operates five of what are now called Nurse Managed Health



Leigh Small, ASU faculty member and coordinator of the Pediatric Nurse Practitioner program, talks with a student at the Phoenix Day Center about good eating habits for a research study on child obesity intervention in small children.

Centers, including the original Community Health Services Clinic in Scottsdale, two clinics housed in multi-generational community centers in Tempe, the ASU Health Center on the downtown campus, and Breaking The Cycle Community

Clinic at Grace Lutheran Church. In 2007, these five centers provided primary care for 8,300 clients and outreach services, such as vaccinations, to an additional 2,500 people.

The college is expanding the reach of its services in the community, says Denise Link, associate dean of Clinical Practice and Community Partnerships, through a specially equipped mobile health van named Wellness on Wheels, which is funded by a grant from UnitedHealthcare. The grant also will support new obesity and mental health treatment programs for children and teens next year.

The ASU Healthcare Center at ASU's new Downtown Phoenix campus in the college's main building provides primary health care to the more than 5,000 ASU students, faculty and staff at the campus, as well as businesses and the public. This is the first time in ASU's history that the college is responsible for providing student health services.

In the fall of 2007, the college also launched a new 3-credit course called "Freshman 5 to Thrive/COPE Healthy Lifestyles." Since one-third of college students say that stress is interfering with their ability to perform in academics, this course teaches: 1) cognitive-behavioral skills building; 2) stress reduction techniques; 3) goal setting and problem solving; 4) nutrition; and 5) physical activity. Students who took this course last fall in comparison to students who did not, had less depressive and anxiety symptoms, made healthier choices, and engaged in greater

physical activity. In addition, there was a higher retention rate into the second semester for students who took "5 to Thrive" in comparison to students who did not take the course.

Nursing students at the college also play a vital role in providing primary care to those in need downtown. Since 2004, the college has had an agency contract with the Central Arizona Shelter System (CASS) for upper-division nursing students to provide primary care under faculty supervision to the 400 residents of the shelter in downtown Phoenix. Overall, the College of Nursing & Healthcare Innovation has more than 700 agency contracts in the state to provide sites for student clinical courses.

For the future, the ASU nursing college is focusing on expanding its impact in the state and nation through innovative new educational programs to prepare the next generation of professionals to meet increasingly complex health needs. Interdisciplinary programs such as the Master of Healthcare Innovation, the Child-Family Psychiatric Mental Health Nurse Practitioner specialty, Clinical Research Management educational programs, and the Hartford Center of Geriatric Nursing Excellence promise to increase the number of health care entrepreneurs, children's mental health nurse practitioners, new products and clinical research managers, and more geriatric faculty for Arizonans.

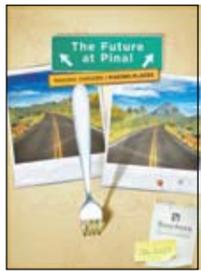
Olbrish, with the College of Nursing & Healthcare, can be reached at terry.olbrish@asu.edu.

## Institute offers Arizona platform for analysis

(Continued from page i1)

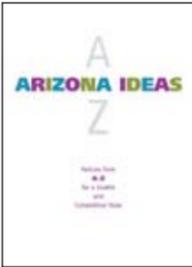
dollar statewide initiative for at-risk students in the 1990s, Morrison Institute evaluated the programs and identified what worked and why. The results prompted a change in the state's funding formula. With domestic violence identified as one of the most common 911 calls everywhere in Arizona, Morrison began to research this topic.

In a series of reports and briefing papers, starting in 1997 and continuing today, Morrison Institute has described the effects of Arizona's "mandatory arrest" law on the attitudes of law enforcement officers, judges, prosecutors, probation officers, victim advocates and victims. Arizona's courts are using the data on high-visibility judicial committees to review Arizona's policies.



In metro Phoenix, a grassroots network is also using the information to help communities see how to better match programs to local needs.

In "Economic Development Via Science and Technol-



ogy" from 2003, Morrison evaluated where Arizona stands compared to other western competitors to determine what Arizona needed to do to better take advantage of building its science and technology economy.

### Nurturing young people's interest in public policy

With the annual Young Stewards for Public Policy essay contest, Morrison offers any high school senior in Arizona the opportunity to compete for a scholarship to ASU. Students are asked to analyze a specific public issue affecting the state and its residents, and to include specific recommendations to Arizona policymakers on how that issue should be addressed. The essays are judged by a committee, including editorial writers from *The Arizona Republic* and *Tucson Citizen*. The winning essays are published in both newspapers.

Chris Herstam, chairman of Morrison Institute's board of advisors, asserts that in his 25-year career, including stints as a legislator and state agency director, he has benefited from Morrison Institute's research and community involvement.

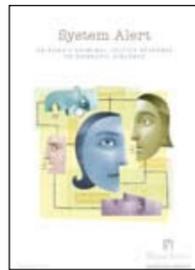
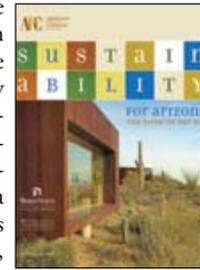
"As a young state legislator in the 1980s, I recall the Morrison Institute conducting educational seminars and legislative orientation sessions for freshman lawmakers," says Herstam. "As a gubernatorial chief of staff and Arizona Department of Insur-

ance director in the 1990s, I relied on Morrison Institute studies and policy analysis for guidance. And as president and a member of the Arizona Board of Regents during this decade, the Morrison Institute was utilized for specific research assignments and reviews of higher education policies.

"Morrison Institute is now in its third decade as Arizona's leading public policy entity because of quality analysis and its objectivity."

When Morrison Institute began, ASU was far less networked in the region and throughout the state even though Arizona was smaller. As the university expands its connections in the state and around the world, Morrison Institute's experience and tradition illustrate how quality and commitment can make for a strong, enduring bridge between the university and its many communities.

Welch, with the Morrison Institute, can be reached at [nancy.welch@asu.edu](mailto:nancy.welch@asu.edu).



## School plans smart growth for another 50 years

By Kenneth Brooks

During the past 50 years, Arizona has observed extensive urbanization. Similarly, the field of urban planning also has evolved and changed, not only as a discipline but also as an academic enterprise at ASU.

Planning has been an area of study at ASU since the early 1960s. Today, urban planning is centered in the College of Design's School of Planning. Its relationship to design reflects foundational interests in the physical planning of cities and human environments. The interests and missions of both the profession and the school have expanded and now include environmental, social, policy and transportation planning and urban design, along with community and economic development.

The school plays a significant role in complementing the college's interdisciplinary approach to the planning and design of functional, aesthetic, healthy, sustainable environments and communities in Arizona and around the world. As the planning profession responded to such issues as the National Environmental Policy Act, smart growth, intermodal transportation and connectivity and sustainability, the school incorporated these and related issues into its mission.

Planning at ASU now reflects New American University concepts of collaboration and transdisciplinary ventures. Although the School of Planning remains the center of the teaching of professional urban planning, a number of departments, schools and research centers with ASU faculty are engaged with planning research and service activities.

The American Planning Association has included the school as one of 20 charter schools in its partnership with universities given the school's emphasis on professional issues. The school is home to accredited undergraduate and graduate professional planning programs and is the largest producer of professional planning graduates in the state. A hallmark of these graduates is that many of them have made significant contributions to the leadership of urban, environmental and community planning activities in Arizona agencies, firms and organizations.

School of Planning alumni and faculty members, well-connected to agencies and communities, have contributed to key task forces, work groups, regional and community master plans, waste reduction and recycling, corridor plans, edge studies, resource preserves and watershed plans.

The school is continuing to expand its efforts to collaborate with other schools and departments as it helps to provide leadership and vision that engages and serves Arizona communities and metropolitan areas. The school also continues to pursue longstanding challenges such as limited resources, population growth and urban revitalization while expanding into new challenges of sustainability, urban design, borderlands planning, modeling and visualization of urbanization, and facilitating partnerships in tribal planning.

The school looks forward to another 50 years of engagement with the communities of Arizona.

Brooks, with the ASU School of Planning, can be reached at [kenneth.brooks@asu.edu](mailto:kenneth.brooks@asu.edu).

## University plants seeds for sustainability advancement

(Continued from page i1)

projects were built in Arizona, including the ASU Solar Research House, which opened in 1981 and helped train a generation of solar professionals, and the APS Environmental Showcase Home, which opened in the 1990s and demonstrated sustainable design ideas to tens of thousands of visitors over the last 15 plus years.

In the early 1990s, the university's solar expertise helped attract funding to establish the Photovoltaic Testing Laboratory at ASU's Polytechnic campus, at the time the only such testing lab in the country and one of only three in the world.

In addition to its R&D program, which includes fuel cell development, the lab provides certification testing of photovoltaic technologies for companies and research centers in Arizona and around the world. The lab also donates tested PV modules to the community – primarily to schools – and for other charitable purposes. More recently, ASU hired two top solar researchers and an industry innovator to establish ASU's Solar Power Laboratory, for which the main focus is to foster economic development for Arizona by advancing clean, sustainable solar energy technologies that can be used throughout Arizona and the Southwest.

### Treating water like gold

ASU scientists have long worked to protect and rehabilitate priceless riparian habitats by understanding their dynamics and needs. In the early 1970s, researchers with ASU's Center for Environmental Studies (a precursor of the Global Institute of Sustainability) and their students began long-term studies of the Colorado River in Arizona, its tributaries, and its associated native fish, birds and other animals. One impact of this work has been the experimental releases of simulated floodwaters into the Grand Canyon as an attempt to rebuild a declining habitat.

ASU researchers and students also founded the Arizona Riparian Council in 1986 to facilitate the exchange of information about riparian management among scientists and public agencies in the state. This organization was one of the groups instrumental in convincing APS to decommission its dam on Fossil Creek and return natural flows to the creek.

### Understanding the ecology of our city

In 1997 ASU was named as one of only two institutions to win a grant to study the ecology of its urban environment. The resulting Central Arizona-Phoenix Long-Term Ecological Research project (CAP LTER) is still going strong, not only producing a rich body of data and perspectives on how humans affect and interact with their environments – a critical need as the planet rapidly urbanizes – but also training hundreds of students in interdisciplinary research methods related to urban ecology involving 11 schools and departments at ASU and more than 150 graduate students.

The project's outreach arm, Ecology Explorers, has worked with more than 140 school teachers across the Valley in 25 school districts, four charter schools and two private schools, most of which serve large percentages of low-income and minority children.

### Making great policies

One of the most recent tools developed to enhance policymaking and to create a more sustainable future in Arizona is the Decision



**The Decision Theater is a resource created by ASU to provide decisionmakers and researchers with information to compare their goals with the impacts of their decisions. It has helped tackle complex environmental issues such as urban growth and water management.**

Theater at ASU. Tackling complex issues such as urban growth, education, public health and the environment, the Decision Theater's approach to great decisions involves a collaborative process, the best science available and interactive visualization through modeling and simulation. Three different examples illustrate its work with local communities.

- Education: Scottsdale Unified School District needed to forecast student enrollment through the year 2030. Decision Theater created a way to display and analyze data with predictive modeling and geospatial visualization to show likely outcomes from different scenarios.
- Disease control: To improve possible reactions to a pandemic flu outbreak, Decision Theater provided a realistic visualization to health officials using scenarios created through simulated television news stories, demographic data panels and escalating threat levels. This gave participants a means to test different management protocols, see their impacts and make corrections to address previously unseen gaps.
- Water: As part of a long-term project for the East Valley Water Forum, Decision Theater built a 3D water modeling tool that helps public and private agencies develop and manage a sustainable water supply. The modeling tool allows participants to compare their goals with the impacts of their actions and policy decisions, thereby letting policymakers take a virtual look to choose actions that best lead to a sustainable water supply.

### Educating for sustainability

To educate the next generation of leaders for Arizona and the world, ASU opened the School of Sustainability in 2007. It is the first in the nation to offer graduate and undergraduate degrees in sustainability.

The school brings together multiple disciplines and leaders to train a new generation of scholars and practitioners on how to develop practical solutions for the most pressing environmental, economic and social challenges that are part of sustainability. As of September 2008, the school has accepted 55 graduate students and 185 undergraduates, and is providing classes for 145 business majors seeking a concentration in sustainability.

Heffernon, with the Global Institute of Sustainability, can be reached at [rick.heffernon@asu.edu](mailto:rick.heffernon@asu.edu).

**Astronomy Open House**, 8-10 p.m., PS roof H wing (fifth floor). Information: (480) 965-7652 or <http://homepage.mac.com/agfuentes/openhouse.html>.

■ Saturday, Sept. 27

**"Celebrating Public Lands Day as a Community,"** 8 a.m.-2 p.m., Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix. Help with cleanup and trail maintenance. Information: (623) 582-8007.

**Reading by novelist Jane Smiley**, 7:30 p.m., Tempe Center for the Arts, 700 W. Rio Salado Parkway, Tempe. Sponsored by Virginia G. Piper Center for Creative Writing. Smiley's book "A Thousand Acres," based on William Shakespeare's "King Lear," received the Pulitzer Prize for Fiction in 1992. Information: (480) 965-6018.

■ Monday, Sept. 29

**"Classroom Assessment Techniques: Focused Listing and Misconception Preconception Check,"** 12:15-1:30 p.m., Discovery Hall room 212. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://clte.asu.edu>.

■ Tuesday, Sept. 30

**Fall Showcase**, 11 a.m.-1:30 p.m., LL lobby and patio. Meet and greet English faculty and get information about career options, student clubs, graduate school and more. Food and music. Sponsored by Department of English. Information: (480) 965-3168.

■ Wednesday, Oct. 1

**"The Learner Centered Syllabus,"** 12:15-1:30 p.m., Discovery Hall room 212. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://clte.asu.edu>.

**Empowering Women Support Group**, 5:30-7 p.m., Tempe Social Services offices located on the second floor of the Tempe Public Library. This group is designed to help individuals build strength in themselves, find direction and make the changes they want to make in their lives. Additional support from ASU. Cost: \$5 per session. Information: (480) 350-5438.

■ Thursday, Oct. 2

**"The Learning Cycle III: Ways of Assessing Student Learning Outcomes,"** 12:15-1:30 p.m., Discovery Hall room 212. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://clte.asu.edu>.

**Reception for Wilma Mankiller**, 3-4 p.m., West Hall room 135. Mankiller is former chief of the Cherokee Nation. Conducted by ASU Women & Gender Studies Program. Information: [www.asu.edu/english/indigenous](http://www.asu.edu/english/indigenous).

**"From Harm to Home: Through the Eyes of Refugee Children,"** closing reception, 5-7 p.m., ASU Museum of Anthropology. The exhibit features 48 paintings by refugee children now living in Arizona, and coinciding with the International Rescue Committee's 75th anniversary. Refugee families will be in attendance. Light refreshments will be served. Information: (480) 965-6224.

**Graduate Programs Information Session**, 6 p.m., Faculty and Administration Building (FAB), West campus. Information: (602) 543-4622.

**Poetry reading**, 7:30 p.m., Desert botanical Garden, 1201 N. Galvin Parkway, Phoenix. Featuring poets William Pitt Root and Pamela Uschuk. Sponsored by Virginia G. Piper Center for Creative Writing. Information: (480) 965-6018.

■ Friday, Oct. 3

**"Hybrid Course Development: Part I: Getting Started,"** 2-4 p.m., Coor Hall L1-80. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://clte.asu.edu>.

■ Monday, Oct. 6

**"Making Career Decisions: What Is it You Really Want?"** 3:30-5 p.m., Student Services building (SSV) room 329. Sponsored by Career Services. Information: (480) 965-2350 or [www.asu.edu/career](http://www.asu.edu/career).

■ Thursday, Oct. 9

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

**"STAR in the Employment Interview,"** 4:30-6 p.m., SSV room 329. Sponsored by Career Services. Information: (480) 965-2350 or [www.asu.edu/career](http://www.asu.edu/career).

■ Friday, Oct. 10

**Ollie's Storybook Adventures**, 10-11 a.m., Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix. "Desert Sounds" is the theme. Admission: \$2.50 per child; \$2 older siblings; \$2 additional adults; and no charge for accompanying adults. Reservations required: (623) 582-8007.

## Entertainment

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

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

■ Friday, Sept. 26

**"We Won't Pay! We Won't Pay!"** 7:30 p.m., Lyceum Theatre. A rollicking comedy of stolen groceries, hysterical pregnancies, political awakenings and hilarious comeuppances by Nobel Prize winner Dario Fo. Continues at 7:30 p.m., Sept. 27 and Oct. 2-4; 2 p.m., Sept. 28 and Oct. 5.\*

■ Sunday, Sept. 28

**Clarinet, violin, piano concert**, 2:30 p.m., Katzin Concert Hall. Robert Spring, Andrew Campbell, Jana Starling and Katie McLin present the Arizona premier of Roshanne Etezady's "Siren" for two clarinets and more.\*

■ Wednesday, Oct. 1

**Coffee at Kerr**, 10:30 a.m., ASU Kerr Cultural Center, Scottsdale. Arizona Opera presents "Intro to Rigoletto." Free, but R.S.V.P. is required: (480) 596-2660. Bring a can of food or sealed personal item for Vista del Camino food bank.

■ Friday, Oct. 3

**Friday Conversations in the Gallery**, noon-1 p.m., ASU Art Museum. Meet local artist Steve Yazzie. Information: (480) 965-2787.

**"Nonsense II: The Second Coming,"** 7:30 p.m., Evelyn Smith Music Theatre. The sisters work their comic magic around the set dressing of "The Mikado." Also at 7:30 p.m., Oct. 4 and 10-11; 2 p.m., Oct. 5 and 12.\*

■ Saturday, Oct. 4

**"The Last Word,"** noon-2 p.m., Harkins Valley Art Theatre, 505 S. Mill Ave., Tempe. A 90-minute documentary about Johnny Frank Garrett, a 17-year-old retarded boy who was arrested, convicted and executed for the Halloween night rape, mutilation and murder of Sister Tadea Benz. Part of the Scottsdale International Film Festival. Film director Jesse Quackenbush will conduct a discussion immediately after the screening. Sponsored by the ASU Justice Project at the Sandra Day O'Connor College of Law. Free, but tickets required: [scott.seymann@asu.edu](mailto:scott.seymann@asu.edu).

■ Sunday, Oct. 5

**Pianist Bob Ravenscroft**, 3 p.m., ASU Kerr Cultural Center, Scottsdale. Ravenscroft celebrates the music of Bill Evans.\*\*

■ Friday, Oct. 10

**Coffee at Kerr**, 10:30 a.m., ASU Kerr Cultural Center, Scottsdale. David Friesen and Uwe Kropinski preview their Oct. 11 performance. 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.

**Arizona Contemporary Music Ensemble**, 7:30 p.m. in Katzin Concert Hall.

## Exhibitions

**ASU Art Museum, Nelson Fine Arts Center** — Regular hours: 11 a.m.-9 p.m., Tuesday; 11 a.m.-5 p.m., Wednesday-Saturday; 1-5 p.m., Sunday. Information: (480) 965-2787.

Opens Sept. 27, "The Other Mainstream II: Selections from the Mikki and Stanley Weithorn Collection" is the second exhibition at the ASU Art Museum that focuses on the adventurous contemporary art collection of Valley residents Mikki and Stanley Weithorn. True to its name, the exhibition reflects the dominance in the contemporary art world of artists from diverse backgrounds working with new issues of identity — a new "mainstream." With most of the works in the exhibition created since the terrorist attacks in New York and Washington, D.C., on Sept. 11, 2001, the collection is bold in its commentary on global concerns and in its figurative imagery. The paintings, drawings and sculptures reach beyond simply examining the assigned powers in politics, gender and race, and move to a broader examination of our humanity through humor or fantasy — or blunt honesty.

Through Sept. 28, "NOW: Selections from the Ovitz Family Collection." Reception: Sept. 26, 7-9 p.m. This exhibit highlights recent work by established and emerging international contemporary artists. Artists pursue their own innovations and artistic visions while thoughtfully mining the history of art. The Ovitz Family Collection represents the diversity in contemporary art, from abstraction to the figurative, refined technique to intentionally rough, and the blurring of boundaries between media. Michael and Judy Ovitz have been listed among the world's top art col-

lectors and art patrons by such publications as *ARTNews* and *Art & Antiques*. The couple began collecting modern and contemporary art in the late 1970s. Their first purchases were prints by artists such as Ellsworth Kelly, Jasper Johns, Philip Guston and James Rosenquist. Beginning in the early 1980s, the couple began to spend weekends making gallery and studio visits in Los Angeles and New York. Artists include Mark Bradford, Rachel Harrison, Richard Hughes, Jamie Isenstein, Katy Moran, Anselm Reyle, Stephen G. Rhodes, Sterling Ruby, Andro Wekua and Thomas Zipp.

**Gallery 100** — 1-5 p.m., Monday-Thursday; 1-3 p.m., Friday. Tempe Center, suite 199. Information: (480) 965-2380.

Opens Oct. 6, Third Annual Intercollegiate Metals Exhibition. Opening reception: Oct. 6, 7-9 p.m.

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

Opens Sept. 29, MFA thesis exhibition in fibers by Nick DeFord. Opening reception: Sept. 29, 7-9 p.m.

Oct. 6, MFA thesis exhibition in fibers by Sally Gilmore. Opening reception: Oct. 6, 7-9 p.m.

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

"ASU Celebrates 50th Anniversary!" Fall 2008. Students, faculty, administrators and alumni all worked together to put the historic Proposition 200 on the November 1958 ballot that changed the name of ASU from Arizona State College to Arizona State University. This exhibit (also see "A University in Fact: The Great Name Change Campaign" in the Luhrs Gallery), which was drawn from the University Archives, includes images, documents, artifacts and ephemera that re-tell the story.

**Interdisciplinary Arts and Performance Gallery** — 11 a.m.-2 p.m., Monday-Thursday, University Center Building, room 228, West campus. Information: (602) 543-ARTS. Tours: (602) 543-8152.

Opens Sept. 30, "Twenty Irish Printmakers Respond to the Schwemberger Photographs" is a collection of more than 100 compelling images of American Indian peoples, homes and landscapes dating back to 1902.

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

Through Oct. 3, "Mosaic: Cultural Identity in America" and "Fuse: Portraits of Refugee Households in Metropolitan Phoenix."

In "Mosaic: Cultural Identity in America," jury-selected student artists explore questions of national identity. Guest curator Sarah Elsasser, a student in Barrett, the Honors College, has asked students to express, through a variety of artistic media, how they understand and identify with being "American." "Mosaic" contextualizes American identity as a diverse and changing ascription, based on ethnicity, religion, gender and sexual orientation. This exhibit presents positive and negative takes on American culture and invites visitors to engage emotionally with the artworks.

"Fuse" is a portrait exhibit of the complex worlds of resettled refugees in the Phoenix metropolitan area. It fosters critical thinking on who refugees are — and how, through sharing experiences, the Phoenix metro community can seek common ground. The photographs validate the struggles and triumphs of these families, portraying them in a way that fosters a deeper sense of belonging in the community. The exhibition is being developed in collaboration with Community Outreach & Advocacy for Refugees (COAR), a youth-led nonprofit based in Tempe that works with refugees and local artist Eliza Gregory, a member of the eye lounge artist cooperative on Roosevelt Row.

**Night Gallery** — 6-9 p.m., Thursday-Sunday, 2000 E. Rio Salado Parkway, suite 1021, Tempe. Information: (480) 965-3468.

Through Sept. 28, "Ornaments." ASU graduate Michael Anderson exhibits large-scale sculptures that resemble Christmas ornaments. Anderson's steel works are in public and private collections across the United States and in more than five countries, including the United Arab Emirates and Australia.

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

Through Oct. 3, "Posing Poultry." Paintings by Layla Luna. Opens Oct. 6, "Trigger Items: Illusions in Discount Shopping," by Karen Hernandez. Opening reception: Oct. 6, 7-9 p.m.

## Defenses

**Waleed Khalil**, PhD, Elec. Engr., 8:30 a.m., Sept. 26, GWC 208C.

**Jamie Lee Jensen**, PhD, Bio., 11 a.m., Sept. 29, GIOS 101.

**Ashwini Kelkar**, PhD, Math., 4 p.m., Sept. 30, PSA 206.

## ASU professor's new e-journal shines spotlight on surrealism

By Judith Smith

In the 1920s, European writers and artists became fascinated by indigenous cultures – native cultures found in North and South America, Asia and the Caribbean – because of their supposedly superior ability to authentically express the unconscious.

Their interest in these cultures led to the birth of surrealism, which is, according to Claudia Mesch, an art history professor in the Herberger College School of Art, “a literary and art movement that advocates the liberation of human society in criticizing bourgeois culture and rationality.

“The artists, poets, filmmakers, photographers and writers involved with surrealism celebrated aspects of irrationality, the fantastic and the realm of dreams, as means that could liberate the human imagination,” she says.

The best-known surrealist, at least to the general population, is probably artist Salvador Dalí. But Mesch says the movement was founded in France by writer André Breton in several manifestoes, the first of which was published in 1924.

Other writers, filmmakers and artists to join the movement were Louis Aragon, Paul Éluard, Robert Desno, Yves Tanguy, Luis Buñuel, Meret Oppenheim and René Magritte.

Mesch says many surrealists traveled to not only the American West and Northwest coast, but also to Central and South America, Asia, and the Caribbean to study

*“The artists, poets, filmmakers, photographers and writers involved with surrealism celebrated aspects of irrationality, the fantastic and the realm of dreams, as means that could liberate the human imagination.”*

*– Claudia Mesch, founder of the Journal of Surrealism and the Americas*

indigenous cultures.

Two of them even came to Sedona. Mesch notes that the celebrated Parisian surrealist painter Max Ernst and his wife, the American surrealist Dorothea Tanning, lived in Sedona for six years, from 1946 to 1952.

“The surrealist movement continued after World War II on a global scale, and it is still pursued and referenced in the work of a number of contemporary artists,” she says.

So there is still a lot to be learned about surrealism – and how, beyond art, it influenced indigenous cultures and has had an impact on literature, anthropology and cinema studies.

These questions are the focus of a new open-access online journal founded by Mesch, titled *Journal of Surrealism and the Americas*, which features contributions from scholars around the world and publishes submissions in several languages, including French, German, Spanish and English. It is being considered for inclusion and indexing on the ASU Library's Web site.

The e-journal's first issue came out in December, with articles by Céline Mansanti of the Université de Nantes in France, Julia Pine from Carlton University, Canada, and Sandra R. Zalman from the University of Southern California, among other authors.

Their articles discuss the critical neglect of “A Novelette,” a lesser-known work by William Carlos Williams; the relationship between Dalí and Breton when the two relocated to America from war-ravaged Europe in the 1940s; and the relationship between surrealism's art, its critical reception and its popularity in American culture.

The second issue of the e-journal has just been published at <http://jsa.asu.edu>.

It is a special issue on “Surrealism and Ethnography,” with a French influence. One of the highlights is an article about totemic landscapes and vanishing cultures through the eyes of Wolfgang Paalen and Kurt Seligmann by professor Marie Mauzé of the CNRS, Laboratoire d'anthropologie sociale in Paris, a noted anthropologist and senior scholar. There also are articles on surrealism and Inuit art, and Man Ray's lost and found photographs, plus book, art and film reviews.

The *Journal of Surrealism and the Americas* grew out of an international conference, “Surrealism and the American West,” that took place at ASU in October 2006.

“We hope to continue the public and scholarly momentum the conference created,” Mesch says. “To that end, in 2010 we will convene a second conference on the subject of ‘Surrealism and the Americas.’ It will take place at and be conducted by Rice University in Houston, and the program will highlight the famed surrealism holdings of the Menil Collection.”

Mesch's co-editors are Amy Winter, director of the Godwin-Ternbach Museum at Queens College, New York, and Samantha Kavky of Penn State University.

The e-journal is refereed, and published biannually, with support by a grant from the Terra Foundation for American Art.

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

## In BRIEF

### ASU soccer team sets annual Pink-Out game

At 7 p.m., Sept. 26, the annual ASU soccer Pink-Out game will take place as part of the effort to spread breast cancer awareness, celebrate the brave survivors of the disease, advances in treatment, and reflect upon several years of progress worldwide in the search for a safe and effective cure for breast cancer.

Fans wearing pink-colored clothing will receive \$3 admission to the game when the Sun Devils welcome the University of California-Santa Barbara to the Valley.

The Phoenix affiliate of Susan G. Komen for the Cure will be collecting donations at the event. Komen for the Cure is the world's largest grassroots network of breast cancer survivors and activists fighting to save lives, empower people, ensure quality care for all and energize science to find the cure. Money raised for the foundation funds important research, education and health services to those affected by breast cancer.

For more information, contact Jamie Acks at (480) 965-5941 or [jamie.acks@asu.edu](mailto:jamie.acks@asu.edu).

### School of Construction schedules open house

ASU's Del E. Webb School of Construction will conduct an open house from 2 p.m. to 5 p.m., Sept. 27, for students interested in finding out about the school's graduate programs.

Students also will have an opportunity to meet and talk to members of the school's faculty and staff.

For more information, call (480) 965-9272.

### Speaker's talk focuses on biotechnology law

The Law & Science Student Association presents Jeff Jackson, intellectual property manager at the Translational Research Institute, who will speak on biotechnology law from 12:10 p.m. to 1 p.m., Sept. 30, at ASU's Sandra Day O'Connor College of Law's Armstrong Hall, room 114.

This free event is co-sponsored by the Center for the Study of Law, Science and Technology.

For more information, contact Sandy Askland at (480) 965-2465 or [sandy.askland@asu.edu](mailto:sandy.askland@asu.edu).

### Fall Art Fest application forms now ready

Application forms are now ready for the Fall Art Fest, to take place from 10 a.m. to 4 p.m., Nov. 19, on Hayden Lawn.

The event is sponsored by the Devils' Workshop.

All ASU staff, faculty, students, alumni and student groups are invited to sell their handmade artworks and crafts. There is a \$10 entry fee.

The application form is available on the Art Fest Web site, [www.asu.edu/artfest](http://www.asu.edu/artfest).

For more information, call Judith Smith at (480) 965-4821.

### Blog highlights tech venture group's students

Students in the Sandra Day O'Connor College of Law's Technology Ventures Services Group (TVSG) are working with a Phoenix company that promotes the development of infrastructures for sustainable biofuels.

The students, Pete Arambula and Carrie Thomson-Jones, along with TVSG's director, Eric Menkhus, were introduced on the Desert Biofuels Initiative blog Sept. 6. They are working with Sarah Howe, a junior in the chemical engineering program at Barrett, the Honors College at ASU, on two projects at the Desert Biofuels Initiative, a nonprofit that seeks to remove practical, legal and regulatory obstacles to biofuels' development.

The students will conduct a market analysis of raw materials used in biofuels production, focusing on waste vegetable oil, agricultural materials and algae, and analyze legislative initiatives that exist in other states to promote biofuels.

The TVSG, formerly the Technology Ventures Clinic, provides essential services to the region's innovators, entrepreneurs and small businesses during their critical start-up phases. Menkhus, an associate clinical professor at the College of Law, works with law, engineering and business students at ASU with a goal of building a collection of small businesses that are fundable and poised for growth.

To read the blog, go online to <http://desertbiofuels.blogspot.com>.

### College of Law co-sponsors discussion of film

On Oct. 4, from noon to 2 p.m., the Scottsdale International Film Festival will conduct a free screening of a documentary about the conviction and execution of Johnny Frank Garret, a 17-year-old mentally disabled boy who was proven innocent after his execution.

The film's director, Jesse Quackenbush, will hold a discussion immediately after the screening.

The screening will take place at the Harkins Valley Art Theatre, located at 509 S. Mill Ave. in Tempe.

The discussion portion of the screening is co-sponsored by the Sandra Day O'Connor College of Law's student chapter of the Arizona Justice Project.

For more information, contact Scott Seymann at (480) 365-8000 or [scott.seymann@asu.edu](mailto:scott.seymann@asu.edu).

### Engineering ethics board taps Herkert

Joseph Herkert, Lincoln associate professor of ethics and technology with the School of Applied Arts and Sciences at the Polytechnic campus, has been re-elected as a member of the executive board of the National Institute for Engineering Ethics (NIEE).

NIEE's primary thrust is education, communication, program and project development, and practice applications in the area of engineering ethics. A primary role

of the institute is to encourage cooperation among individuals, universities, professional and technical societies and business organizations with regard to engineering ethics and professionalism issues.

### Munukutla attains fellowship status

Lakshmi Munukutla, a professor in the Electronic Systems Department in the College of Technology and Innovation at the Polytechnic campus, has been selected as a fellow of the American Society for Engineering Education (ASEE).

Munukutla joins 11 dignitaries in this appointment, which is presented to associates who have made exceptional contributions to engineering education and have been active members of ASEE for at least 10 years. She follows the path laid by three other ASU faculty members with this fellowship position: Mary Anderson-Rowland, George Beakley and Albert McHenry.

Munukutla was inducted in a summer awards ceremony at the ASEE's annual conference and exposition in Pittsburgh.

### Scuba certification classes offered at ASU

Scuba@ASU has ongoing scuba certification classes each month this semester.

ASU students, faculty, and staff can begin scuba training at ASU's Tempe campus, and they also can complete certification with the dive club.

Signups can be processed at the SRC front desk.

For more information, send an e-mail to [scubaclub@asu.edu](mailto:scubaclub@asu.edu).

### Passport office ready for holiday travelers

Anyone planning overseas travel during the coming holiday season should make sure to have a valid U.S. passport. Those who do not can renew their old passports or apply for a new passport or passport card at the U.S. Passport Acceptance Office.

The office is open from 9 a.m. to 4 p.m., Monday through Friday, and serves students, faculty, staff and members of the community.

Normal processing time for a passport or passport card is three to six weeks. Expedited service is available for an additional fee.

“To avoid the rush as the holidays draw nearer, we recommend that people apply early,” says Catherine Ribic, who manages the office.

The U.S. Passport Acceptance Office is part of the Center for Global Education Services in the Tempe Center at 951 S. Mill Ave., suite 150, west of Coor Hall on the Tempe campus.

For more information, call (480) 965-0877, or visit for Center for Global Education Services Web site <http://asu.edu/global> or the State Department Web site [www.travel.state.gov](http://www.travel.state.gov).

## Neighborhood policing strategy takes personalized approach to fighting crime

By Julie Newberg

Before the advent of the automobile, police officers patrolled their beats on foot and on horseback.

Along the way, they got to know the neighborhood, its people and the spots where crimes were more likely to occur.

"The officer knew all the people and all of the people knew the officer," says ASU Police Cmdr. Jim Hardina. "Over time, they took officers off of their foot beat and put them in cars with radios. It was more impersonal."

The ASU Police Department has returned to a version of the days of old by assigning officers to specific neighborhoods throughout the university's residence halls.

"We have three night-shift sergeants who are each assigned to a neighborhood," Hardina says.

Sgt. Phil Osborne covers the North Neighborhood, including San Pablo, University Towers, Palo Verde East, Palo Verde West, Palo Verde Main, Alpha Drive and Manzanita Hall, with about 4,000 residents.

Sgt. Pam Osborne is assigned to the Center Neighborhood, home to about 1,650 residents who live in McClintock Hall, Irish Hall, Hayden Hall and Center Complex.

Sgt. Mark Aston covers the South Neighborhood, including Hassayampa Academic Village, Vista del Sol, Sonora Hall, Ocotillo Hall and Adephe Commons, with about 4,800 residents.

ASU's Residential Life and Police Department frequently collaborate on issues that improve safety on campus.

"Neighborhood policing moves us closer to a comprehensive plan that will empower, engage, and inform students about being safe on and off campus," says Sylvester Chestnut, Residential Life risk management and strategic initiatives director.

Officers and police aides who cover neighborhoods work with student residents, hall staff, other university departments and the Tempe Police Department to solve problems before they become major issues. For instance, if there is inadequate lighting in an area, the officer can work with hall personnel and Facilities Maintenance and Repair at ASU to fix the problem.

Officers and police aides also attend residential hall staff meetings to learn about issues firsthand, participate in student programs and support residential community activities.

The number of officers and ASU police aides assigned to each neighborhood varies depending on the night. Residence hall staff members coordinate with the officer assigned to their neighborhood on a weekly basis to discuss concerns.

Residential Life staff members have received encouraging feedback from students about the personalized approach, and the ASU Police Department is counting on the program to have a positive effect on crime.

"The bottom line is that calls will be reduced and crime in neighborhoods should go down," Hardina says.

Newberg, with Media Relations, can be reached at (602) 496-1005 or julie.newberg@asu.edu.

## Grants help ASU Archives bring history to forefront

(Continued from page 1)

how religion, labor, ethnic communities and tourism motivated individuals to make Arizona their home. Indigenous communities will be invited to share their origination stories.

"The project will deliver a detailed database of materials eligible for digitization and recommendations for how these archival sources can be packaged and delivered for use by teachers," he says.

Spindler and Karen Underhill of Northern Arizona University are the co-directors, and they will seek endorsement of the work as an Arizona Centennial Legacy Project.

"Unlocking the Archives of Children's Theater" is a project to create and make available basic descriptions of 68 archives documenting theater troupes, playwrights, set designers, costume designers and actors who create and perform professional theater for children.

ASU's Child Drama Collection is the world's largest archive documenting the international history of theater for youths. Curator Katherine Krzys is the project's director.

"Expanding Access" and "Why Arizona?" are supported with funds from the Arizona State Library Archives and Public Records Agency under the Library Services and Technology Act, which is administered by the Institute of Museum and Library Services.

"Unlocking the Archives of Children's Theater" is supported by the National Historical Publications and Records Commission.

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

## Enrollment tops 67,000

(Continued from page 1)

over the past 10 years.

The number of top scholars from Arizona enrolling at ASU also continues to increase at record pace.

ASU welcomed 11 Flinn Scholars, with more than half the state's 20 Flinn Scholars choosing ASU. President and Provost Scholars, students who perform at the very top of their Arizona high school graduating class, increased 13 percent.

Campus enrollment figures total more than the overall unduplicated count of 67,082, as ASU students take advantage of the courses that are offered by departments throughout the university, not just at the campus that is the academic home of the student.

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

## ASU wrestlers lend a hand at Wilson neighborhood

Members of ASU's wrestling program recently assisted the efforts of the Wilson Neighborhood Clean Up, which took place Sept. 20 at the neighborhood surrounding Wilson Elementary School in Phoenix.

For the second year in a row, the Sun Devils were on hand to help invigorate students, parents and the community residents to take pride and ownership of their neighborhood by working to clear debris from the streets.

The event, which was organized by the Wilson Community Center, started at 8 a.m. with the Sun Devils meeting with the members of the community and students of Wilson Elementary School before breaking off into groups with the volunteering children to begin the cleanup. After a two-hour

cleanup, all involved came together at the school for lunch.

The Wilson community is distinguished by a highly mobile, single-parent impoverished population and is surrounded by substance abuse, prostitution and substandard housing. As an inner-city school district, Wilson Elementary School District serves about 1,500 children, many of which reside below the poverty level. Twenty-five percent of the children that attend Wilson School are classified as homeless, while 75 percent live in dilapidated housing or local hotels. Ninety-eight percent of the total population qualifies for the free or reduced-cost federal lunch program.

According to the Arizona State Education Department data, Wilson School District is considered to be the most "at-risk" in Maricopa County.

## Newspaper executive delves deeper into relationship between politics, media

(Continued from page 1)

Washington-Baltimore Newspaper Guild Front Page awards, the American Bar Association Gavel Award for legal reporting, and the John Hancock Award for business and financial writing.

As deputy metropolitan editor in the early 1970s, Downie supervised the *Post's* Watergate coverage. Bob Woodward, in his 2005 book "The Secret Man," claimed that Downie was one of few people to know the true identity of Watergate informant "Deep Throat."

He was named London correspondent in 1979 and returned to Washington in 1982 as national

editor, becoming managing editor two years later. He took over as executive editor from long-serving editor Ben Bradlee in 1991. During his tenure in that job, the *Washington Post* won 25 Pulitzer Prizes.

Downie, born in Cleveland, Downie received his bachelor's and master's degrees in journalism from Ohio State University, where he also received an honorary doctorate in 1993.

He wrote three books in the 1970s: "Justice Denied," "Mortgage on America" and "The New Muckrakers," a study of investigative reporting. In 2002 he wrote (with Robert G. Kaiser) "The News About the News: American

Journalism in Peril," which won the Goldsmith Award from the Joan Shorenstein Center at Harvard University's John F. Kennedy School of Government.

His first novel, and fifth book, "The Rules of the Game," will be published by Knopf in January. The book is described by Amazon.com as "an electrifying fiction debut, a novel of corruption and cover-ups at the highest levels of Washington politics."

Free tickets for Downie's lecture will be available at the door or can be picked up in advance at the Barrett office at the Tempe or Downtown Phoenix campuses, and at the Cronkite School.

Parking for the Tempe event is available in ASU's Lot 16 at 10th Street and Mill Avenue, north of the ASU Art Museum. For more information, contact Lexi Noice, (480) 965-0161.

ASU's annual Centennial Lecture, funded by an endowment from the Flinn Foundation, has brought some of the world's most influential writers to campus including Anna Quindlen, Jules Feiffer, Edward Albee, Charles Johnson, David Halberstam, Jonathan Weiner, Stephen Gould and Annie Dillard.

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

## EMPLOYMENT

The following positions are available as of Sept. 26 and are subject to change. All positions will be advertised in *Insight* only once. The staff requisition or job order number for each position is indicated by the (#) sign. ASU is an equal opportunity-affirmative action employer.

### ASU POSITIONS

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

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

Dates listed are application deadlines, and application material is due by 11:59 p.m. on that date. Positions are 100 percent, full-time employment (FTE) unless otherwise noted. Code below is: (O) - position is open to the public.

### STAFF POSITIONS

#### TEMPE CAMPUS

##### Executive and management

Director of Special Events (O) #21100 - College of Liberal Arts and Sciences (Oct. 3).

##### Professional

Assistant Athletic Trainer (O) #21041 - Intercollegiate Athletics Administration (Oct. 1).

Associate General Counsel (O) #21071 - VP University Administration and Legal Affairs (Oct. 15).

Graphic Design Specialist (O) #21056 - VP Research and Economic Affairs (Oct. 2).

Management Analyst Senior (University Architect Office) (O) #21078 - University Services (Oct. 3; every two weeks thereafter until search is closed).

Senior Manager of Recruitment/Admissions (O) #21073 - Ira A. Fulton School of Engineering (Oct. 6; every week thereafter until search is closed).

Specialist (L) #21125 - School of Earth & Space Exploration (Oct. 1).

Sponsored Projects Officer (O) #21098 - VP Research and Economic Affairs (Oct. 6).

Systems Analyst Senior (O) #21004 - VP Research and Economic Affairs (Sept. 30).  
Technology Support Analyst Assistant (O) #21113 - ASU Online and Extended Campus (Oct. 20).

### Administrative support

Administrative Assistant (O) #20975 - Center for Global Education Services (Oct. 1).

Administrative Assistant (part time) (O) #21106 - ASU Online and Extended Campus (Oct. 8).

Administrative Associate (O) #21122 - VP Research and Economic Affairs (Oct. 13).

Administrative Associate for the Development Director (O) #21131 - Walter Cronkite School of Journalism and Mass Communication (Oct. 6).

Office Assistant/Receptionist (O) #21020 - School of Letters and Sciences (Oct. 1).

Office Assistant/Receptionist (part time) (O) #21123 - VP University Administration-ASU Police Department (Oct. 6).

Office Specialist Senior (O) #20961 - University Registrar-Graduation (Oct. 1).

### Service/field craft/maintenance

Concessions Lead (O) #21102 - Public Events ASU Gammage (Oct. 8).

Custodial Services Assistant Supervisor (Facilities Management) (O) #19327 - University Services (Oct. 10).

### WEST CAMPUS

#### Professional

Academic Success Specialist #21114 - College of Teacher Education & Leadership (Oct. 12).

Student Recruitment/Retention Specialist Senior #21107 - College of Teacher Education & Leadership (Oct. 12).

### DOWNTOWN PHOENIX CAMPUS

#### Professional

Academic Specialist (O) #21093 - School of Letters and Sciences (Oct. 3).

Clinical Laboratory Nurse (part time) (O) #21108 - College of Nursing & Healthcare Innovation (Oct. 1).

Program Coordinator (O) #21070 - College of Public Programs (Oct. 1).

Program Manager, Advancing Philanthropy (O) #21104 - College of Public Programs (Oct. 1; every week thereafter until search is closed).

### ACADEMIC POSITIONS

#### TEMPE CAMPUS

Assistant/Associate/Full Professor #9224 - Public Programs, School of Social Work (Nov. 11; every two weeks thereafter until search is closed).

Assistant/Associate Clinical Professor #9226 - Liberal Arts and Sciences, Speech and Hearing Science (Oct. 15).

Lecturer (MY) #9225 - Fulton School of Engineering-Mechanical and Aerospace Engineering (Nov. 10).

#### WEST CAMPUS

Assistant Professor #9215 - College of Teacher Education & Leadership (Nov. 1; every week thereafter until search is closed).

Assistant Professor #9216 - College of Teacher Education & Leadership (Nov. 1; every week thereafter until search is closed).

Assistant/Associate Professor #9217 - College of Teacher Education & Leadership (Nov. 1; every week thereafter until search is closed).

Assistant/Associate Professor #9218 - College of Teacher Education & Leadership (Nov. 1; every week thereafter until search is closed).

Assistant/Associate Professor #9219 - College of Teacher Education & Leadership (Nov. 1; every week thereafter until search is closed).

Assistant/Associate/Full Professor #9220 - College of Teacher Education & Leadership (Nov. 1; every week thereafter until search is closed).

Associate/Full Professor #9221 - College of Teacher Education & Leadership (Nov. 1; every week thereafter until search is closed).

Assistant/Associate/Full Professor #9223 - College of Teacher Education & Leadership (Nov. 1; every week thereafter until search is closed).

## Biodesign Institute, ImmuneRegen team up to enhance virus vaccines

By Joe Caspermeier

ImmuneRegen BioSciences Inc., a wholly owned subsidiary of IR BioSciences Holdings Inc., has announced a collaborative relationship with the Biodesign Institute to evaluate the effectiveness of ImmuneRegen's Viprovex in boosting the immune response when used as an adjuvant in conjunction with unique plant-derived vaccines against noroviruses (also called Norwalk-like viruses).

These viruses are the leading cause of gastrointestinal illness throughout the world. They often are at the root of outbreaks in closed-living communities such as nursing homes, cruise ships or prisons.

Demonstrating successful adjuvant activity could increase the effectiveness of immunizations, thereby reducing cost per dose and increasing vaccine availability.

The study, part of a material transfer agreement with the Biodesign Institute's Center for Infectious Diseases and Vaccinology,

will be led by Charles Arntzen, an ASU Regents' Professor and the Florence Ely Nelson Chair in Plant Biology, who is recognized worldwide for his pioneering work in plant-derived vaccines for human disease prevention.

Arntzen's research team has engineered tobacco plants to produce high levels of Norwalk-virus capsid protein, which is the antigen used to elicit an immune response during vaccination. Viprovex will be administered in conjunction with this purified antigen to assess whether the product further enhances the immune response in mice. Viprovex has demonstrated promise as an adjuvant in studies with other antigens, including avian influenza virus antigens.

"Prevention of norovirus infection will require a robust immune response, and our search for a good adjuvant has led us to ImmuneRegen's material," Arntzen says. "We welcome this interaction with their scientists and hope to be able to determine if Viprovex is well matched with our antigen in the next six months."

Plant-derived vaccines serve as an efficient and cost-effective alternative to producing large amounts of protein for recombinant vaccines. They are also typically safer to administer and prepare.

Several plant-derived vaccines, representing a variety of antigens, have been shown to stimulate the immune system: the humoral response (the production of antibodies in the bloodstream as part of acquired immunity to prevent the spread of infection), the mucosal response (the production of antibodies to help neutralize foreign particles that enter the body through mucous membranes), as well as the cellular response (the activation of immune cells that fight infection).

This ability to generate antibody and cellular types of immune responses proves that plants can serve as effective and inexpensive vehicles for production of recombinant vaccine antigen for use on a global scale.

Caspermeier, with the Biodesign Institute, can be reached at (480) 727-0369 or joseph.caspermeier@asu.edu.

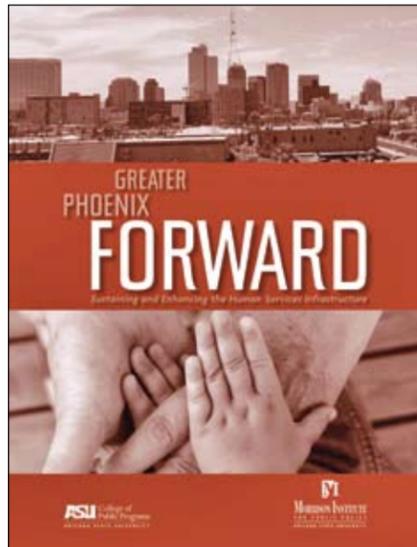
## Report highlights human services needs for Maricopa County

By Nicole Haas and Corey Schubert

Maricopa County has experienced remarkable population growth for decades, and will continue to do so. But while expanding metropolitan areas tend to pay close attention to physical infrastructure – diligently budgeting for roads, sewers, schools and the like – there often is a relative lack of attention to meeting the demands for human services.

"Greater Phoenix Forward," a new report by ASU's College of Public Programs and the Morrison Institute for Public Policy, aims to help fill that gap. It offers community and policy leaders and human services practitioners the latest data and new perspectives for understanding the Valley's human services infrastructure, as well as a "big picture" of future needs. To view the report, visit the Web site <http://copp.asu.edu/greaterphoenix-forward>.

"The number of Greater Phoenix residents who will need various human services is very likely to grow faster than the work force and fiscal resources – and maybe the political will – needed to serve them," says Debra Friedman, university vice president and dean of the College of Public Programs.



As the first part of a three-phase project, "Greater Phoenix Forward" seeks to help guide public policy decisions based on sound research, objective analyses and public discourse. It contains:

- Data describing human services structures

and functions in Maricopa County.

- Trends for the populations who provide and use these services.
- Analyses of how to sustain the present level and quality of human services.
- A glimpse of how service trends could play out by 2012.
- A presentation of critical policy challenges.

Phase two will include discussions between authors of the report and Arizona policy makers, executives of human services-providing organizations, leading human services practitioners and community leaders.

In the third phase, the authors and college administrators will become resources to public, nonprofit and private sector leaders, as they shape and implement plans and investments to address the challenges that lie ahead.

Relying on the expertise from throughout ASU's College of Public Programs, "Greater Phoenix Forward" analyzes 12 critically important topics, including children and families, poverty, substance abuse, and Latinos. The report points out that human services form a major economic sector in terms of the clients they serve and the jobs they provide.

Indeed, the human-service sector comprises the third-largest "industry" in Arizona.

Each chapter also sets its sights on 2012 and identifies trends occurring now that will shape Maricopa County's future. "Greater Phoenix Forward" identifies the populations that depend on human services, while noting that these include Valley residents at all income levels, as well as tourists, recreationists, the young and the elderly. Finally, as a call to action for public policy, the report poses five key policy challenges facing Arizona leaders.

Major support for Greater Phoenix Forward was provided by Valley of the Sun United Way and the city of Phoenix, with additional funding from Alcoa Foundation, SRP, APS, and Downtown Phoenix Partnership. The report was produced by the Morrison Institute for Public Policy.

For information about "Greater Phoenix Forward," contact Deb Gullett at (602) 496-0409.

Haas, with the Morrison Institute, can be reached at (602) 496-0202 or nicole.haas@asu.edu. Schubert, with the College of Public Programs, can be reached at (602) 496-0406 or corey.schubert@asu.edu.

## Navajo Nation Supreme Court conducts hearing at College of Law

By Judy Nichols

The Navajo Nation Supreme Court heard arguments Sept. 18 in a special hearing at ASU's Sandra Day O'Connor College of Law.

The case, Ford Motor Co. v. Kayenta District Court, centered on whether tribal courts should have jurisdiction in the wrongful death case in which a Navajo Nation police officer was killed in a car accident while on duty.

Dean Paul Schiff Berman thanked the justices for holding the hearing at the College of Law and told the students they were privileged to be able to watch a court in action and ask questions afterward.

The Navajo Nation Supreme Court is the first of several courts that will hold hearings at the College of Law this year. Others include the Ninth U.S. Circuit Court of Appeals and the Arizona Supreme Court.

The Navajo Nation Supreme Court is of particular interest, Berman said, because it is the court of a sovereign nation, and there often are jurisdictional questions between tribal courts and state and federal courts.

"There are 22 tribes that have lands within the state of Arizona," Berman said. "Virtually all have their own codes and their own courts."

Herb Yazzie, chief justice of the Navajo Nation Supreme Court, and a 1975 graduate of the College of Law, told students that the modern Navajo courts have evolved since the arrival of the Europeans, and continue to evolve today.

"First there was the military occupation, then the treaties, then the Bureau of Indian Affairs courts, and it has evolved into the Navajo court system," Yazzie said.

He explained that each of the Navajo Nation's 11 districts has both district and family courts, and each district has at least one trial judge, with some having two.

In addition, the Navajo Nation continues to use a traditional way of resolving disputes, called peacemaking, in which all parties agree to work out a solution. The peacemaking system was in place before Europeans arrived.

Yazzie said the question of whether tribal courts have jurisdiction is nearly constant.

"These questions are happening on a day-to-day basis, in reality, in our relationship with the U.S. government," Yazzie said.

Asked about the peacemaking system, Yazzie explained that Navajo law mandates the use of traditional law and values in the court system, and that the peacemaking system is practiced daily in cases where all the parties agree to participate. Lawyers who practice on the reservation are expected to know the law, he said.



Herb Yazzie, center, chief justice of the Navajo Nation Supreme Court, listens to arguments along with associate justices Louise G. Grant, left, and Eleanor Shirley. The Navajo Supreme Court conducted a hearing Sept. 18 at the Sandra Day O'Connor College of Law.

"As they say, 'When in Rome, do as the Romans do,'" Yazzie said, drawing a laugh from the audience.

One student asked which court would preside over a conflict between two tribes, and Yazzie said the dispute would have to be resolved between the two sovereign entities.

"The bottom line in the use of courts is that you are going to someone else and asking them to make a decision for you," Yazzie said. "Human beings ought to resolve things between themselves. The best resolution is one you make, not someone else."

Yazzie was joined by associate justices Eleanor Shirley and Louise G. Grant to hear the Ford Motor case.

The case involved a wrongful death claim brought by the Todecheene family. Their daughter, Esther, an officer with the Navajo Department of Public Safety, died when her Ford Expedition patrol vehicle rolled on a dirt road in the Navajo Nation. The vehicle was one of several purchased by the tribe for the department through a dealership in Gallup, N.M.

Ford maintains that Todecheene was not wearing her seat belt; her parents say the vehicle was defective, and the seat belt did not work properly.

However, the question at issue at Thursday's hearing was not the wrongful death claim, but whether the Navajo courts have jurisdiction to hear the case.

Ford argues that the Navajo courts lack jurisdiction. The Kay-

enta District Court on the Navajo Nation ruled that it did have jurisdiction. Ford took the case to federal district court, which ruled the tribal court did not have jurisdiction. The Navajo Nation appealed, and the Ninth U.S. Circuit Court agreed with the federal district court, then vacated its own ruling and asked Ford to take the case to the Navajo Nation Supreme Court.

The Ninth Circuit wanted the Navajo Nation Supreme Court to decide whether an exception applied that would give the Navajo Nation jurisdiction if the actions of a non-Indian "threatens or has some direct effect on the political integrity, the economic security, or the health or welfare of the tribe." The Navajo Supreme Court also asked the parties to discuss whether the Treaty of 1868 with the United States allows the Navajo Nation to hear the case, and the effect of a recent U.S. Supreme Court opinion in *Plains Commerce Bank v. Long Family Land & Cattle Co.*

Richard Derevan, an attorney for Ford, argued that the only issue before the court should be the exception, and that it shouldn't apply because an automobile accident didn't constitute a threat to the tribe. The other issues were not argued in the earlier courts and, therefore, should not be allowed at this point in the proceedings, Derevan said.

Yazzie questioned Derevan over his assertion that the death did not affect the political integrity of the Navajo Nation.

"If the death of one police officer is not sufficient, then how many must die before it is?" Yazzie asked.

Derevan said the case was not a case that threatened the governance of the tribe, and one that could be handled by state or federal courts.

Yazzie also asked about how far the family would have to travel to file a claim if the tribal courts were not open to them. Derevan said that the tribe should ask the state and federal courts to hold proceedings closer and more convenient for tribal members.

Edward Fitzhugh, attorney for the Todecheene family, said the case had followed "a long, tortured path" to the Navajo Nation Supreme Court.

He argued that a police officer is an obvious government operator and that the case does fit the exception. He also argued that Ford promoted the sale of vehicles on the reservation, and that it had used the tribal courts for its own purpose, for example, to assist in repossession of cars, and therefore should be subject to its jurisdiction in this case.

The court took the matter under advisement and will post its decision on NavajoCourts.org when it is reached.

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