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ASU's Olympians

The Beijing Olympic Games will feature 16 people with ties to ASU's athletic department set to compete – or work with competitors that will compete – on the biggest stage in sport.

The Games unofficially began Aug. 6 with three women's soccer matches at three different venues in China. The official opening ceremonies take place Aug. 8.

The Sun Devils will be represented by 11 competitors, including five in athletics (track and field), three in swimming, one in diving, one in men's basketball and one in archery. ASU also will be represented by three coaches and two athletic trainers.

Ten different nations will be represented by the Sun Devil contingent, including Australia, Croatia, Finland, Ghana, Great Britain, Israel, Kuwait, the Netherlands, the United States and Zimbabwe.

Competing in Beijing will be four athletes that were on Sun Devil teams during the 2007-2008 season, including two in swimming, and two in track and field. Ante Cvitkovic (Croatia) and Mohammed Madwa (Kuwait) will compete in swimming, while Jacquelyn Johnson (United States) and Joel Phillip (Grenada) will be on the track.

Two current Sun Devil aquatic coaches also will be in Beijing, including head swimming coach Mike Chasson and diving coach Mark Bradshaw. Chasson will be coaching for Kuwait and working with Madwa, while Bradshaw will coach Joona Puhakka (Finland) in the 3-meter springboard event.

Others competing will be Seth Amoo (Ghana), Lewis Banda (Zimbabwe) and Trevell Quinley (United States) in track and field; Gal Nevo (Israel) in swimming; Shawn Redhage (Australia) in basketball; and Alison Williamson (Great Britain) in archery.

Williamson will be competing in her fifth Olympiad and is ASU's lone returning medalist (bronze, 2004), while Banda is the only other multiple-time Olympian, as he is set for his second competition.

Former Sun Devil softball head coach Linda Wells is returning to the Games for her second Olympiad in a row and will serve as an assistant coach for the Netherlands team. Wells was the head coach of the Greek team in Athens in 2004.

A pair of former Sun Devil athletic trainers also will be on hand and working with U.S. athletes, including Casey Smith and Ian McLeod. Smith will serve as the head athletic trainer for the U.S. men's basketball team, while McLeod will work with the swimming team.

For a closer look at ASU's history in the Olympic Games, visit the Web site <http://thesundevils.cstv.com/trads/asu-trads-olympians.html>.

ASU makes list of top 'green' universities

By Sharon Keeler

ASU has been named one of the nation's "greenest" universities by the *Princeton Review* in its first-ever rating of environmentally friendly institutions.

The "2009 Green Rating Honor Roll" is a numerical score on a scale of 60 to 99 that the *Princeton Review* tallied for 534 colleges and universities based on data it collected from the schools in the 2007-2008 academic year concerning their environmentally related policies, practices and academic of-

ferings.

The "Green Rating" scores appear in the profiles of the 534 schools that posted on the *Princeton Review's* Web site www.PrincetonReview.com.

In addition to ASU, 10 other colleges were named to the honor role, receiving scores of 99 (the highest score). These include, in alphabetical order:

- Bates College (Lewiston, Maine).
- Binghamton University (State University of New York at Binghamton)

• College of the Atlantic (Bar Harbor, Maine).

• Emory University (Atlanta).

• Georgia Institute of Technology (Atlanta).

• Harvard College (Cambridge, Mass.).

• University of New Hampshire (Durham, N.H.)

• University of Oregon (Eugene, Ore.).

• University of Washington (Seattle).

• Yale University (New Haven, Conn.).

"Being recognized as one of the nation's greenest universities is a proud moment for ASU," says ASU President Michael Crow. "It is testament to our faculty, staff and students who have embraced the principles and values of sustainability and worked tirelessly to advance them in their research, teaching and outreach, as well as campus operations. It also is a tribute to Julie Wrigley, who through her generous gifts has helped ASU become a bold place that leaps

(See ASU MAKES on page 11)



A young girl and a young boy stop to study information about the algae tanks at the Farnborough International Air Show, which took place in London July 14-20.

Algae jet fuel makes splash at international air show

By Chakris Kussalanant

Researchers Qiang Hu and Milton Sommerfeld from ASU's Department of Applied Biosciences recently flew to London to share their findings and research on the application of algae-based oils for creating biofuels at the Farnborough International Air Show.

The exhibit was part of a collaboration and ongoing relationship between the researchers and aviation giant Boeing.

While many exhibits showed off the latest improvements on turbines and

designs for commercial aircraft and jet fighters, the researchers ended up stealing the show and attracting numerous visitors to their booth.

The star attraction of the Boeing exhibit was a 75-gallon tank of bright green algae.

The tank was, in fact, a bioreactor – a "feeding ground" container that promotes accelerated algae growth. The exhibit was the high note of a one-year relationship between the ASU researchers and Boeing.

(See ALGAE on page 11)

Renowned financial leader set to join ASU

By Sharon Keeler

Morgan Olsen, executive vice president and treasurer at Purdue University, has been named ASU's new executive vice president and treasurer. He also will hold the appointment of professor of practice in the Mary Lou Fulton College of Education.

Olsen, who has almost two decades of experience as the top fiscal officer at four universities and a doctorate in higher education, will replace Carol Campbell, ASU's executive vice president and chief financial officer, who is retiring from the university.



Morgan Olsen

As executive vice president and treasurer, Olsen will oversee a \$1.8 billion annual budget. His areas of responsibility will include treasury, accounting and financial functions, construction, capital planning, real estate, facility operations and maintenance, purchasing, auxiliary operations and human resources.

Olsen completes the upper management team of ASU, which also includes Elizabeth D. Capaldi, the university's executive vice president and provost, under ASU President Michael Crow.

"Morgan Olsen possesses the wide range of financial expertise and experience, and the management skills necessary to help continue ASU's ascent among the nation's leading public research universities," Crow says. "We are fortunate to have recruited someone of his quality who is not only re-

(See NATIONALLY on page 11)

Center's new process improves flexible displays

By Skip Derra

ASU's Flexible Display Center has developed a new process for manufacturing high-performance flexible displays on transparent plastic.

FDC researchers, working with industrial partners DuPont Teijin Films and E Ink Corp., have developed a method for making high-performance amorphous silicon thin-film transistors on planarized Teonex PEN films.

The FDC team integrated 3.8-inch QVGA arrays of these transistors with Vizplex-100 imaging layer film from E Ink to fabricate glass-free, high-performance, flexible electrophoretic displays that are 375 micrometers thick.

The displays, which are quite rugged, readily withstand severe vibration and impact tests performed at

industry partner General Dynamics' labs. (For video highlights of these tests, visit the Web site http://flexdisplay.asu.edu/Flex-display-test_revB.wmv.)

The FDC process uses a proprietary technique for temporarily bonding the planarized Teonex PEN film (from DuPont Teijin) to a rigid carrier using a specially developed adhesive. Amorphous silicon circuits then are fabricated with conventional flat-panel-display manufacturing equipment.

Despite exposure of the bonded film to temperatures as high as 200 degrees Celsius (392 degrees Fahrenheit) during the fabrication process, essentially no plastic substrate distortion is observed. The film bearing the completed transistor arrays is removed from the carrier using a mechanical force that is gentle enough to permit automation of the process.

(See CENTER'S on page 11)



Researchers at ASU's Flexible Display Center have developed a new process for manufacturing high-performance flexible displays on transparent plastic.

Major benefits changes loom for employees

By Karen Murphy

Domestic partners and older children are now eligible for benefits coverage for the 2008-2009 year. ASU employees can make changes to their benefits during the benefits open enrollment period, which begins at 8 a.m., Aug. 11, and ends at 5 p.m., Sept. 5.

Any changes made will take effect Oct. 1.

There also have been some changes in providers for the coming year. Current subscribers of the Schaller Anderson medical plan, Assurant Dental plan, Employers Dental Services plan or the MetLife Dental plan must choose other plans for 2008-2009 because these plans will not be offered after Oct. 1.

Subscribers who do not choose other plans will have their coverage default (effective Oct. 1) as follows:

- Schaller Anderson to RAN+AMN.
- Assurant Dental to Total Dental Administrators.
- Employers Dental Services to Total Dental Administrators.
- MetLife Dental to Delta Dental.

All benefits-eligible participants should re-enroll in benefits online during the open enrollment period.

Those who elect the new domestic partner or older children benefits must provide additional documentation by Aug. 15. Submissions after this date could result in delayed enrollment and receipt of ID cards because of the additional time needed to process the required documents.

The benefits team will offer several employee information sessions and a vendor fair to answer questions on the new benefits for the coming year.

For more details, visit the Web site www.asu.edu/hr/benefits, call the Office of Human Resources' Employee Service Center at (480) 965-2701, or use ASK HR online to submit a customer service case.

Murphy, with the Office of Human Resources, can be reached at (480) 965-2130 or karenlmurphy@asu.edu.

Students find career paths in nation's capital

By Erica Velasco

It started out as a summer internship program in Washington, D.C., to bring ASU students from biology and political science together to learn about public policy, and to stay connected to alumni and Arizona's congressional delegation.

Ten years later, the College of Liberal Arts and Sciences program Capital Scholars has built a reputation for mentoring future leaders and providing students an opportunity to learn about policy-making up close.

During those 10 years, more than 165 ASU students have spent their summers working in or visiting places in the center of Washington, D.C. – places such as Congress, the CIA and the U.S. Department of State.

Participants have gone on to work in Congress, the Department of Homeland Security, C-SPAN, and in Arizona executive agencies and law firms.

"The Capital Scholars program provides students with firsthand learning experiences that breathe life into their studies," says Linda Lederman, dean of social sciences in the College of Liberal Arts and Sciences. "Students selected to participate in the program bring to Washington, D.C., examples of the next generation interested and engaged in the political process. Washington, D.C., provides them with the experience to provide the bridge between the theories they study and the actual practice of politics."

The program started in 1998 and was jointly administered by ASU Regents' Professor Jane Maienschein and Ken Goldstein, previously a professor in political science. Maienschein was serving as science adviser for former congressman Matt Salmon, which led to the program's creation. Their goal was to get students from biology and political science to learn together about public policy.

"The program was started because we needed a presence in Washington, D.C., for our students to learn – and also to show alumni and the congressional delegation and their staff what we have to offer at ASU," Maienschein says. "The program grew out of a two-week seminar, where we took a dozen students to Washington, D.C. The program was a huge success for the students – and for showing that ASU has a policy presence."

Now, at the start of their nine-week program, students participate in specially arranged activities their first week, including tours of Annapolis, the National Defense University and the CIA, while earning six credits toward their degree.

While visiting the CIA headquarters, students are taken through exercises such as the president's daily brief. They also learn what a policy analyst does.

"A few students have realized that this might be something they want to pursue, when before they wouldn't have even thought of it as a possibility," says Richard Herrera, director of the program and an associate professor of political science.

At the National Defense University students work in policy teams to develop a plan for a fictitious national emergency. They present their plan to a panel of senior analysts and receive feedback.

"This is a really great exercise that shows students how to create policies that don't have a lot of downsides and strengthens their presentation skills," Herrera says. "All of these activities prepare students for their internships but also give them an added value to their time in Washington, D.C., which I think is very valuable to them."

Up to 25 undergraduate and graduate students intern in public and private sectors, including the White House, offices of members of Congress, the Supreme Court, Brookings Institution, National Defense University, Amtrak, the Federal Emergency Management Agency and Triadvocates, a public affairs firm.

Depending upon their internship placement, Capital Scholars participants can attend legislative hearings, monitor legislation, conduct policy research, lobby members of Congress or write research analysis reports.

Kasey Stevens, an ASU junior majoring in political science with a minor in sociology, says the program's outcomes have been amazing.

"The Capital Scholars program, above all, has provided me with the



STEVE BARRETT PHOTO

From left, 2007 Capital Scholars Austin Howe, Maria Barrera, Andrea Beyal and Casey Burgat experienced the political process as interns in Washington, D.C.

opportunity of a lifetime: to intern in our nation's capital and gain real-life experience working in and around the center of our government," Stevens says. "I think that internships are key to discovering your goals, and the ability to intern in almost any area within the political process is a plus. My internship has definitely affected my career goals in that I could see myself heading a public action committee or lobbying."

Chris Gast, a junior majoring in political science and communication, is learning about program management and funding for high-risk research at his internship with the U.S. Department of Transportation.

"I sent out more than 50 applications but chose this one because it was the best designed internship I found," Gast says. "It is designed so I get an amazing experience. My internship includes field trips to transportation sites, special luncheons and a support system for interns."

Internships are not the only support system available to program participants. Capital Scholars works closely with the Capital Chapter of the ASU Alumni Association to coordinate educational and leisure activities with the students. The activities include an annual softball game between the students and alumni, small group dinners, and volunteering at D.C. Central Kitchen, a community kitchen that among its activities provides a culinary job training program for the homeless.

More information about the program can be found online at www.asu.edu/clas/polisci/undergraduate/capital-scholars.html.

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

College of Law professor invited to congressional hearing

Kittrie testifies on nuclear nonproliferation

Professor Orde Kittrie of ASU's Sandra Day O'Connor College of Law testified July 24 at a hearing of the Subcommittee on Terrorism, Nonproliferation and Trade of the U.S. House of Representatives Committee on Foreign Affairs.

The hearing was titled "Saving the NPT and the Nonproliferation Regime in an Era of Nuclear Renaissance." In his testimony, available online at <http://www.internationalrelations.house.gov/dayevent.asp?date=7/24/2008>, Kittrie described the nuclear nonproliferation regime as "at a tipping point, with its viability in the balance."

The primary reasons for the regime's decline, Kittrie says, include a recent lack of political will to sanction proliferators, International Atomic Energy Agency (IAEA) verification and monitoring authorities that are too weak to promptly and reliably catch proliferators, the increased availability of nuclear weapon and associated technology, and a sense that the nuclear-weapon states – particularly the United States and Russia – have not lived up to their disarmament commitments under the Nuclear Non-Proliferation Treaty.

Noting that "international laws violated with impunity soon cease to exist," Kittrie, a leading expert on nuclear nonproliferation, says "the rapid advance of Iran's nuclear program in clear violation of international law is by far and away the No. 1 threat to the vitality of the nuclear nonproliferation regime."

He says that "an Iranian nuclear arsenal, should it be achieved, seems likely to unleash a cascade of proliferation across the Middle East," which would "likely lead to the worldwide collapse of the already tottering nuclear non-proliferation regime."

Kittrie urged Congress to pass pending legislation that would tighten sanctions against Iran, to "help convince Iran's leadership that the price for its nuclear program has become too high."

He also encouraged Congress to help strengthen the IAEA's verification and monitoring authorities, help secure nuclear weapons materials worldwide, reduce the risks posed by the expansion of civilian nuclear programs, and support progress toward the goal of a world free of nuclear weapons.

Other panelists at the hearing were Graham Allison, former assistant secretary of defense and the founding dean of the Kennedy School of Government at Harvard University, and Pierre Goldschmidt, former deputy director general of the IAEA.

Kittrie is the chair of the Nonproliferation, Arms Control & Disarmament Committee of the American Society of International Law. He serves on a National Academies of Science committee created by Congress to issue a report, in time for the next administration, on how to improve U.S. government programs to prevent the proliferation of nuclear, chemical and biological weapons.

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ASU Parking and Transit Services

ASU shuttle bus users encouraged to use Orbit

The USB shuttle, which has transported passengers between the University Services Building and other central locations on the Tempe campus for the past three years, will be discontinued as of Aug. 25, ASU's Parking and Transit Services has announced.

"Parking and Transit Services consistently monitors its shuttle services to ensure the department's funds are being allocated in the most responsible manner," says Theresa Fletcher, director of PTS. "In reviewing USB shuttle ridership data over the past year, it became apparent that ridership numbers had drastically decreased, and we concluded that the number of passengers riding the shuttle each day did not support the operational costs."

Members of the ASU community on the Tempe campus who need to reach the USB are encouraged to use Tempe's Orbit shuttle system. The Jupiter Orbit route provides direct connections between the following ASU locations: the Fulton Center at College Avenue north of University Drive; the Student Services Building at Forest Avenue and Lemon Street, the same site as ASU's intercampus shuttle hub; and the USB via a neighborhood stop at Spence Avenue and Rural Road. Furthermore, a Jupiter Orbit stop recently has been added on the east side of Rural directly in front of the USB to provide an additional means to

quickly access the USB from other campus and Tempe neighborhood locations.

Orbit shuttles are free of charge and passengers do not need to obtain any sort of bus pass or ticket before boarding. The shuttles run seven days a week, every 15 minutes, from 6 a.m. until 10 p.m.

University employees and students can view complete Orbit route and schedule information by visiting the city of Tempe's Web site www.tempe.gov/tim/Bus/Orbit.htm.

"We recognize the role we play assisting university community members in reaching their campus destinations, and would not have made the decision to discontinue the USB Shuttle if the city's Orbit system was not a viable, convenient option," Fletcher says. "Tempe has put into place an efficient route that will provide reliable service to and from the center of campus and the USB."

Additionally, ASU employees and students can reach the USB using the McAllister Shuttle. This shuttle picks up in Lot 59N and travels north and south along McAllister Avenue, with a stop across the street from the USB in Lot 72, on the west side of Rural.

The USB Shuttle's final day of service will be Aug. 22. Until that time, the shuttle will operate on its regularly scheduled route, Monday through Friday, from 7:30 a.m. to 5:30 p.m.

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.

Several online news experts say Google News has changed little, especially when compared with services such as Google Maps and Gmail, which add new features at a rapid pace. "I've actually been surprised at how little it has evolved, at least on the surface," says **Dan Gillmor**, director of ASU's Knight Center for Digital Media Entrepreneurship. "I'm guessing that Google isn't so sure what to do with it." *New York Times*, June 24.

While some may oppose any type of recreation for inmates, to prison officials, having them participate in organized sports is a way to keep inmates occupied and teach lessons on getting along with others. "It keeps tensions down, increasing the safety and security of everyone, including employees," says **Marie Griffin**, an ASU criminologist. *Christian Science Monitor*, July 2.

In sprawling house markets such as Phoenix or Washington D.C., where price drops are largest in the exurbs, an affordability increase is a mixed bag for consumers. "The decline in housing prices, particularly in typical entry-level neighborhoods, is generating an affordable climate for first-time home buyers," says **Anthony Sanders**, a professor of real estate finance at ASU. "The downside is that the affordable housing is typically on the urban-rural fringe and is much less desired now that gas prices have skyrocketed." *Forbes*, July 3.

While retailers that cater to middle- and upper-income shoppers are struggling, dollar stores are profiting. "The big story lately has been how dollar stores are starting to appeal to upscale consumers," says **James Ward**, a professor of marketing and management at ASU. "What is overlooked is that many people need these stores. They are often located closer to neighborhoods than superstores. With Wal-Mart, you need a car. With a dollar store, you can walk." *Arizona Republic*, July 6.

The Arizona Office of Tourism is determining how to go about "greening" the state's tourism industry, which would profit Arizona both environmentally and economically. "Arizona tourism is basically based on our natural environment and culture," says **Gyan Nyaupane**, an ASU assistant professor of community resources and development. "It should be more important for our state to focus on sustainability." *Arizona Republic*, July 10.

Researchers have discovered a species of nocturnal ant that relies on mushrooms as its primary source of food. ASU ant expert **Bert Hölldobler** says the discovery is sensational. "Nothing like that was known before," says Hölldobler, who notes that the mushroom-eating ants are phylogenetically quite distant from their cousins who use fungi for other purposes, such as nest building. *Scientific American*, July 30.

Vaughan takes new duties as school's interim associate dean

The School of Applied Arts & Sciences has announced the appointment of Linda Vaughan, a professor of nutrition, as its interim associate dean.

In her new role, Vaughan will help manage the growth and continued effort to attract students to the school's programs.

"To take the school to the next level, we need to develop and implement the schools'



Linda Vaughan

future structure, new programs and initiatives in instruction, research and outreach," says Craig Thatcher, the school's dean. "Linda has the skills, experience, colleague respect and university knowledge that will be essential in achieving this and advancing the school."

Vaughan will be working on the development of new academic programs, including a health sciences program, and identifying potential linkages between the school academic units and those across the Polytechnic campus, as well as the university as a whole.

"The school is in an active growth phase, and I look forward to assisting Dean Thatcher to identify new instructional and research opportunities for the School of Applied Arts and Sciences faculty," Vaughan says.

Vaughan has served as the Department of Nutrition chair for six years, as well as president of the Faculty Senate at the Polytechnic campus between 2007-2008. She has been an ASU professor for more than 25 years.

Her appointment began July 21.

Grant leads to ASU Libraries' discussion of Jewish literature

By Judith Smith

ASU Libraries will conduct a free monthly discussion of five books of Jewish literature beginning at 7 p.m., Aug. 26, at Hayden Library. Why Jewish literature?

Because studying Jewish literature is part of studying world literature, says Rachel Leket-Mor, bibliographer for religion, philosophy and Jewish Studies at ASU Libraries – and also because ASU Libraries has received a grant to sponsor the series from Nextbook and the American Library Association.

"Reading is a wonderful way to get acquainted with other cultures, especially minor ones," Leket-Mor says. "It is my hope that this reading and discussion series, graciously funded by Nextbook and the Jewish Studies Program at ASU, will open the door – and the hearts – to the fascinating multiethnic culture that is growing in Phoenix."

Nextbook is a New York-based organization founded in 2003 "as a locus for Jewish literature, culture and ideas." The organization sponsors public lectures, readings and performances in cities around the country, and publishes an online magazine.

The nonprofit organization has created several book-discussion modules under the umbrella theme "Let's Talk About It: Jewish Literature – Identity and Imagination."

The module chosen by ASU is "Neighbors: The World Next Door."

"The delicate, often tortuous relationship between neighboring cultures animates these works of history and fiction, which trace the Jewish experience from Muslim Spain to Bolshevik Russia to contemporary America," Nextbook says of the module.

The five books are "Journey to the End of the Millennium" by A.B. Yehoshua, which starts the discussion series; "Red Cavalry" by Isaac Babel, Sept. 23; "The Assistant" by Bernard Malamud, Oct. 28; "Mona in the Promised Land," by Gish Jen, Nov. 18; and "Neighbors: The Destruction of the Jewish Community in Jedwabne, Poland," by Jan T. Gross, Dec. 9 (the only nonfiction book on the list).

The first book, "Journey to the End of the Millennium," traces a voyage through Europe

in the year 999, during which Ben Attar, a Jewish merchant, encounters difficulties with his two business partners: his cousin Raphael Abulafia and the Muslim Abu Lufti.

The widowed Abulafia has taken a new European wife, whose disapproval of Attar's polygamy leads to the dissolution of the partnership and eventually to juridical proceedings that foreshadow the major schism of the next Jewish millennium.

Joe Lockard, an associate professor of English at ASU, will lead the discussions each month.

Lockard, whose newest book is "Watching Slavery: Witness Texts and Travel Reports," says he thinks it is important to discuss these books because "they deal with minority identities and minority-majority relations in diverse societies."

He adds: "They cover a wide range of historical settings, from the violent revolutionary Bolshevik Russia of Isaac Babel's short stories, to Polish-Jewish relations during the Second World War, to Gish Jen's contemporary novel of a new Chinese-Jewishness in New York suburbs.

"As a group of readings, they constitute a powerful exploration of how literature can promote the human understanding and respect that underwrites a good civil society. Just as African-American or Native American literatures, among others, are not only for African-Americans or indigenous peoples, Jewish literature is not only for Jewish readers.

"Ethnic literatures produce some of the most compelling reading available on library and bookstore shelves today, so I hope series participants will continue on reading Jewish and other vibrant ethnic literary traditions."

The series is supported by the Jewish Studies Program at ASU, Hillel at ASU, the Newman Center at ASU, the ASU Department of English and the Bureau of Jewish Education of Greater Phoenix.

To register for the series, visit the Web site <http://library.asu.edu/events>, or contact Leket-Mor at (480) 965 2618 or rachel.leket-mor@asu.edu.

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

Lifelong educator Kleemann retires from ASU

Gary Kleemann, director of faculty development and support programs and a faculty member, officially hung up his work bag Aug. 1, after nearly 30 years with ASU.

Instead, he will be picking up a golf bag on a more regular basis, spending more time with his adult children in San Diego and exploring some of the learning opportunities he has helped plan for others. He and his wife, Vina, also have hopes of taking Spanish classes in Mexico, and going to a cooking school in Italy sometime.

While he is retiring, he is not sure he likes the word "retirement."

"It sounds like something you do to a car when the tires wear out," Kleemann said at a farewell celebration held by the Center for Learning and Teaching Excellence July 22 at the Polytechnic campus.

Instead of retirement, he likes to think of it as a commencement

into the next chapter of his life – a chapter he is looking forward to writing.

In addition to spending time teaching management and leadership classes to graduate and undergraduate students, he also taught faculty and worked in Student Affairs, Campus Life Services, and on the Osher Lifelong Learning Programs for senior adults in the East Valley during his career.

He was one of the founding administrators who helped establish ASU's Polytechnic campus in 1995. He planned, developed and implemented student programs and services for the campus.

"Recently a business associate asked what I thought my legacy might be," Kleemann says. "I replied, 'The students who I had the privilege to work with over the years.' I like to think that I made a small difference in the lives of many students. They are my legacy."

Cronkite School takes journalism lessons on the road to students

By Julie Newberg

The Walter Cronkite School of Journalism and Mass Communication is hitting the road to bring journalism to high school students across the state.

The school recently equipped a hybrid SUV with the tools of journalism, including a television camera, microphones, audio recorders and backdrops, and is taking it to high schools in an attempt to get students interested in journalism. The program is funded by the ASU Foundation Women & Philanthropy and the Scripps Howard Foundation.

Anita Luera, who heads the Cronkite Institute for High School Programs, has taken the vehicle, which is wrapped in an eye-catching, full-color graphic depicting students with video cameras, computers and microphones, to a half-dozen schools in the past few months, including several on the Navajo reservation in northeast Arizona.

At St. Michael Indian School near Window Rock, Ariz., Luera talked about the need for minority journalists and explained opportunities at the Cronkite School. Then she gave the students a chance to practice in front of the camera, learn basic camera moves and watch their taped performances afterward.

Luera says some students "are itching to get the microphone," while others have to be coaxed to get in front of the camera.

Playing a video back usually elicits nervous

laughter. Luera says she addresses students' concerns about how they appear on camera by explaining that in the real television world, the tape would be edited down to the best sound bites from a three- or four-minute interview.

St. Michael journalism teacher Joan Levitt, who arranged for Luera to visit, says that many of her students have never thought about careers in journalism, and they're intrigued by the idea.

"Journalism offers a wonderful opportunity to combine interest in the world around us with writing," she says. "Plus, the advances in technology offer more choices for students in that field."

The ASU Foundation Women & Philanthropy program funded the purchase of the vehicle. The program brings together women to support educational, research and public outreach missions.

The program also is funded in part by a grant from the Scripps Howard Foundation, the corporate foundation of the E.W. Scripps Co. The Scripps Howard Foundation seeks to support quality journalism education while advancing the cause of free speech and promoting excellence in journalism. To schedule a free visit to a school, contact Luera at (480) 965-5477 or anita.luera@asu.edu.

Newberg, with Media Relations, can be reached at (480) 727-3116 or julie.newberg@asu.edu.



Anita Luera, director of high school programs for the Cronkite School, brings journalism education to high school students across Arizona.

High school outreach program identifies 5 schools as Stardust beneficiaries

Five Arizona high schools will get fully equipped multimedia newsrooms in time for fall classes as part of a new high school outreach program by the Walter Cronkite School of Journalism and Mass Communication and the Stardust Foundation of Scottsdale.

The five schools are Buckeye Union High School, Coolidge High School, Douglas High School, Miami High School and Snowflake High School. The schools are the first to be chosen for the Stardust High School Journalism Program, a unique initiative to create newsrooms in high schools.

Five more Arizona high schools will join the program next year under a grant from the Scottsdale-based Stardust Foundation.

The grant targets schools with large minority populations that do not have school newspapers or viable journalism programs. Those are the schools that often don't have the resources to publish school newspapers, says Christopher Callahan, the Cronkite School's dean.

Under the program, the Cronkite School will equip newsrooms at each school with computers, scanners, video cameras, digital cameras and software necessary for publishing an online newspaper that also can be published as a print product. The Cronkite School staff will install the equipment and manage servers that serve as hosts for the schools' Web sites.

More than 100 students will take classes in multimedia reporting and producing this fall, learning skills such as

writing, reporting, grammar, editing, page design, Web production, videography and photography, as well as journalism ethics and values.

The Cronkite School will provide ongoing training and support for teachers and students in the program. The first group of teachers and advisers participated in a converged media "boot camp" this summer at the new Cronkite building in downtown Phoenix, where they received help developing journalism curricula and learned up-to-date technical skills.

High school administrators say the program will transform their schools' journalism programs.

At Coolidge High School in Coolidge, about 45 minutes southeast of Phoenix, the school's journalism program has been limited to a yearbook class. Under the Stardust program, Coolidge will add an introductory journalism class for sophomores, and advanced classes in digital media, newspaper, yearbook and broadcast journalism.

"We knew there was technology out there that we weren't afforded because we're a rural school," says Keith Greer, the school's principal. "This program enables us to compete at a much higher level."

Stephen Truog, journalism adviser at Buckeye Union High School in Buckeye, Ariz., says the Hawk student newspaper had run into hard times.

In an e-mail interview, he says: "We just started bringing the newspaper back at Buckeye, and this will be an exciting boost to our program. We're thrilled at the opportunity to

take the Hawk online."

The Stardust program is run by Dave Cornelius, a longtime Valley educator who built the state's premier high school broadcast education program at Arcadia High School in the Scottsdale Unified School District. He developed programs that have become models for teaching arts, audiovisual technology and communications at the secondary school level.

The Stardust Foundation, headquartered in Scottsdale, is a nonprofit corporation founded by Jerry Bisgrove in 1993. The foundation provides grants to organizations that influence the linked concepts of family and neighborhood stability.

"Stardust values the opportunity to expose more students to careers in journalism," Bisgrove says. "The communication skills they will learn in this program will be useful to them, regardless of their chosen profession. In today's fast-paced, information-driven world, effective communication is vital to achieving success in all facets of one's life."

Callahan says getting more students involved in high school journalism programs will improve their writing and communication skills – and encourage them to graduate from high school and go on to college.

Five additional schools will be chosen for the program for the 2009-2010 school year. Schools are chosen through a competitive process. Schools interested in participating in the Stardust program should contact Cornelius at (480) 338-1336 or david.cornelius@asu.edu.

Cronkite School's Rodriguez earns recognition as Carnegie Professor

Rick Rodriguez, the former executive editor at the *Sacramento Bee* who joined the faculty of ASU's Walter Cronkite School of Journalism and Mass Communication earlier this year, will be the school's first Carnegie Professor specializing in Latino and transnational news coverage.

The Carnegie Professor is part of the curriculum enrichment component of the comprehensive Carnegie-Knight Journalism Initiative to improve journalism education at 12 universities nationwide. The program is funded by the Carnegie Corp. of New York, and the John S. and James L. Knight Foundation.

"Today's journalists must be steeped in experience and deeply knowledgeable about the subjects they report on," says Vartan Gregorian, president of the Carnegie Corp.

ASU, the University of North Carolina and the University of Nebraska recently were added to the Carnegie-Knight initiative, joining the University of California at Berkeley, Columbia University, Harvard University, the University of Maryland, the University of Missouri, Northwestern University, Syracuse University, the University of Texas and the University of

Southern California.

The Carnegie-Knight grants are used by the schools to "expand the intellectual horizons of journalism students, in large part by harnessing the tremendous subject-matter expertise that resides in each of the universities," according to a joint statement from the foundations.

At Cronkite, the grant will be used to create a journalism specialization on covering Latino communities and U.S.-Mexico transnational issues.

"The rapidly changing demographics of the nation represent an enormously important – and complex – story," says Christopher Callahan, the Cronkite School's dean. "Today, one-third of the U.S. population is people of color. By 2050, minorities will make up half of the U.S. population. Latinos are both the largest and fastest-growing minority group. Yet much of the news media coverage of Latinos and Latino-related issues

is superficial and often polarizing. We believe there is a critical need to develop a cadre of young journalists who can draw on a deep reservoir of knowledge from multiple disciplines – history, sociology, political science, economics, art, culture, religion, law – to create powerful, sophisticated and insightful journalism about these increasingly important stories."

Under the program, the Cronkite School will offer a new specialization in the coverage of Latino issues that includes a multidisciplinary seminar to explore cultural, historical, political, legal, economic, religious and sociological dimensions of Latino life in the United States and U.S.-Mexico transnational issues, featuring top faculty and experts from a wide variety of disciplines.

There also will be a new field course in which students will delve in-depth into critical Latino-related issues and meet with discipline experts during trips to Mexico. Students in the specialization also will take appropriate Latino courses across multiple disciplines outside of the Cronkite School and do an in-depth project at Cronkite News Service.

Rodriguez is uniquely suited to serve as

the school's first Carnegie Professor, Callahan says.

"Rick is one of America's leading newspaper editors – a champion of not only the kind of in-depth reporting that we want our students to produce, but a national leader on news diversity issues," Callahan says.

Rodriguez, the first Latino president of the American Society of Newspaper Editors, joined the Cronkite School faculty in March after serving as the top editor of the *Sacramento Bee* for nine years.

The Salinas, Calif., native graduated from Stanford University in 1976 with a bachelor's degree in communications. He was 18 years old when he began his career with his hometown newspaper, the *Salinas Californian*. One of his first assignments was interviewing legendary farm labor leader Cesar Chavez, and he says that reporting on Chavez's career is among his proudest achievements as a reporter.

Rodriguez worked for another McClatchy newspaper, the *Fresno Bee*, before joining the *Sacramento Bee* in 1982 as a political writer. He was the *Bee's* managing editor for five years before being named executive editor.



Rick Rodriguez

Insight *On campus*

August 8, 2008

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Students, teachers participate in bioscience internship program

By Julie Kurth

While many of their peers were off enjoying summer vacations, 58 talented and dedicated Valley high school students and teachers engaged in solving real-world problems alongside Biodesign Institute scientists as part of Arizona's largest high school bioscience internship program at ASU.

Twenty-four high schools in 14 districts with existing or emerging biotechnology programs were invited to send a teacher to participate in the internship program. The teachers, in turn, helped select students for the paid six-week internship. Among the participating teachers were three from the Teach For America initiative, the nation's largest provider of teachers for low-income communities.

Now in its third year, the Biodesign Institute High School Internship program's expanded scope was made possible through a \$50,000 grant from the ASU Foundation's Women and Philanthropy program.

"By including teachers for the first time in our internship program, we are helping them introduce more students to potential bioscience careers than ever before, with a potential impact on more than 4,000 Arizona high school students in the coming academic year," says Richard Fisher,

the Biodesign Institute's director of educational outreach. "The timing couldn't have been better. As more Arizona high schools develop biotechnology programs, teachers can use their Biodesign experience to bolster their expertise and curriculum development."

"Introducing science concepts to students this early will reap a lot of rewards for building a brain-based industry like biotechnology," says Ben Perodeau, a biology teacher from Tolleson Union's University High School.

Each student-teacher team worked on a research project tackling a pressing societal problem, ranging from decontamination of groundwater to building nanostructures for diagnostics or working on cures for infectious diseases and cancer. Perodeau and his student partner, upcoming junior Dulce Gomez, spent their internship with a Biodesign research team that is developing a vaccine against the disease tularemia, which is a potential biothreat against which no effective vaccine exists.

The challenging work is motivating 16-year-old Gomez to take a 90-minute bus ride to and from Tolleson each day.

"I've always loved science, although sometimes the work can be a little difficult to explain to my parents," she says.

Each student-teacher pair was mentored by a Biodesign Institute researcher who supervised their day-to-day progress.

The daily exposure to the large research teams and world-class facilities of the institute gave the interns an in-depth introduction to the career of a research scientist.

Biology teacher Michelle Landreville from the Mesa High School Biotech Academy marveled at the pace of innovation and discovery.

"We didn't even extract DNA when I was in college, so this is all new to me," Landreville says. "The Biodesign Institute is a very stimulating environment where everyone encourages you to think out of the box."

For upcoming senior Jennifer Lino of La Joya Community High School, the opportunity to investigate the causes of esophageal cancer had a very special, personal motivation. "My father had throat surgery (for cancer) when I was a little kid," she says. "Now he breathes through a tube in his throat. I hope that, someday, nobody else will have to go through his struggle."

Kurth, with the Biodesign Institute, can be reached at (480) 727-9386 or julie.kurth@asu.edu.

Honors College designates Lynk as visiting fellow

By Janie Magruder

Professor Myles Lynk of the Sandra Day O'Connor College of Law has been appointed a Barrett Honors Visiting Fellow by Barrett, the Honors College at ASU.

Lynk, the college's Peter Kiewit Foundation Professor of Law and the Legal Profession, is the first law professor to receive the honorary appointment.

He and the other 2008-2009 visiting fellow, professor Martin Pasqualetti in the ASU School of Geographical Sciences, will work with Barrett students on projects and papers during fall semester, then teach seminars in the spring.

"I am deeply honored and very excited by this opportunity to work with undergraduates and faculty from other parts of the university," Lynk says. "ASU faculty members from across the university are delighted to be tapped by Barrett to do lectures and seminars, and to mentor these students."

Paul Schiff Berman, dean of the College of Law, says he is pleased by Lynk's selection.

"The American law school, historically, has been far too cut off from the rest of the liberal arts university," Berman says. "Accordingly, as we create a new 'gold standard' for public legal education at the Sandra Day O'Connor College of Law, we seek to integrate undergraduate, Ph.D. and master's-level education about law and policy with the traditional law degree. The college's increasingly close relationship with Barrett is a reflection of that commitment, and I see Myles as the perfect person to continue building these important bridges."

Lynk is no stranger to Barrett students, notes Margaret Nelson, vice dean of the honors college.

"Professor Lynk has been an invaluable supporter of Barrett, and we are delighted to have his intellectual focus with Barrett this year," Nelson says.

Through the Project Excellence program, a partnership between the College of Law and Barrett, Lynk teaches the law and literature course, titled "Self & Soci-

(See HONORS on page 8)



Public Allies Arizona celebrated the graduation of its second class June 25 at the Desert Botanical Garden in Phoenix.

Lodestar Center graduates 2nd Public Allies Arizona class

By Amy Cox O'Hara

The ASU Lodestar Center for Philanthropy and Nonprofit Innovation graduated its second Public Allies Arizona class June 25 at the Desert Botanical Garden in Phoenix.

Public Allies is an AmeriCorps national youth leadership organization that places service-minded young people in apprenticeships in nonprofit organizations throughout the community. It identifies talented young adults from diverse backgrounds and advances their leadership through a 10-month program of full-time, paid apprenticeships in nonprofit organizations, leadership training and team service projects.

"It's funny how rarely you think about the nonprofit sector if you're not embedded in it," says Public Allies graduate Jocelyn Fong. "Public Allies expanded my awareness and understanding of this third sector and the crucial role that it plays in our society, filling in the gaps left by public and private institutions. Wherever I end up in my career, this knowledge of the nonprofit sector will have had a huge impact on my perspective and on my work."

Completing its second year in Arizona, Public Allies recognized 20 allies and the 16 partner organization nonprofits where the allies completed their apprenticeships. They are:

- Abigail Aballe, Valley of the Sun United Way.
- Yasameen Aboozar, Childhelp USA.
- Matt Besenfelder, Helping Hands Housing Services.
- Brooke Carpenter, Boys and Girls Club of Metropolitan Phoenix.
- Elizabeth Celaya, Communities in Schools of Arizona.
- Ariel Collins, Central Arizona Shelter Services.
- Jocelyn Fong, Anytown Arizona Inc.
- Alton Gooden, Central Arizona Shelter Services.
- Ashley Graves, Rehoboth Community Development Corp.
- Karen Lee, Aid to Adoption of Special Kids.
- Denisse Leon, Anytown Arizona Inc.

- Siobhan McCurdy, Alzheimer's Association.
- Heather Miles, Central Arizona Shelter Services.
- Erin Moore, Desert Botanical Garden.
- Rayshad Montgomery, Society of St. Vincent de Paul.
- Katrina Murray, Tumbleweed Center for Youth Development.
- Amber Ringstad, Communities in Schools of Arizona.
- Armando Salazar, Communities in Schools of Arizona.
- Sherita Valentine, Beatitudes Center DOAR.
- Celia Williams, Public Allies Arizona.

"Childhelp's experience with the Public Allies program the past two years has been excellent," says Mark Publow, Childhelp's vice president of strategic initiatives. "We take the idea of this being an apprenticeship experience with the nonprofit sector seriously, and have enjoyed seeing tremendous growth with our allies during their 10 months with us. Additionally, Childhelp has benefited greatly through the added staffing and the unique skills and experiences that our allies have brought to our organization."

The ceremony included remarks from Debra Friedman, dean of the College of Public Programs and vice president of ASU's Downtown Phoenix campus; honorary ally award winner Alberto Olivas, director of voter outreach programs with Maricopa Community Colleges Center for Civic Participation; and nominated ally speaker Siobhan McCurdy.

"I realized my passion for connecting people through the use of art and design, while learning how people react differently to programs and events when all their senses are used," says graduate Denisse Leon, who plans to attend the University of Kansas in the fall to pursue a master's degree in graphic design. "It is through the use of these mediums that I believe a lot of cultural and sociological idiosyncrasies can be changed to create a more inclusive community – and, therefore, create social change."

Additional information about the 2007-2008 year includes:

(See LODESTAR on page 8)

Chinese athletes try American baseball in 'Out of Left Field'

In the heat of the Arizona sun, at a field normally used by Major League Baseball prospects, a group of players who speak not a word of English do their best to comprehend the basics of the most American of games.

They are Chinese – gifted natural athletes who know more about gymnastics and table tennis than double plays and sacrifice flies. Their American coaches are retired from the majors but are looking to help bring together two of the world's most disconnected cultures through the language of baseball.

Welcome to "Out of Left Field" – a re-

markable glimpse into this world – a first-of-its-kind opportunity to see the emergence of a sport in a nation that once considered baseball "cultural pollution." Jim Lefebvre, former player and coach with the Los Angeles Dodgers, is in charge of turning Chinese players with limited skills into Olympic-caliber athletes. Along with a handful of other retired pros – and with the cooperation of Major League Baseball – they are helping to bring America's game to a nation with one-fifth of the world's population.

"Out of Left Field: The Making of the

Chinese Olympic Baseball Team" airs at 10 p.m., Aug. 14, on PBS. It was filmed in high definition by Tom Jennings Productions, in association with Eight/KAET-TV.

"Out of Left Field" follows the team from the practice fields of Arizona to the storied cities of Europe and to the villages of the athletes back home – even to China's shopping malls, where players hand out booklets explaining the rules of the game to anyone willing to listen. This is part culture clash and part sports drama, combined with an inspiring follow-your-dreams quest.



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

Meetings

Thursday, Aug. 14

Arizona Board of Regents, 8 a.m.-5 p.m., Northern Arizona University. Continues Aug. 15. (480) 965-2222.

Tuesday, Aug. 19

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

Lectures

Saturday, Aug. 16

"Judaism, Creation and Evolution: Jewish Responses to Science," 12:30 p.m., Har Zion Congregation, 6140 E. Thunderbird Road, Scottsdale. Speaker: Shai Cherry. Sponsored by Jewish Studies Program; co-sponsored by Har Zion Congregation. Information: (480) 727-6906.

Wednesday, Aug. 20

"How to Avoid Transferring Stress between Work and Relationships," noon-1 p.m., Mercado, ASU at the Downtown Phoenix campus, 502 E. Monroe St., Phoenix. Speaker: Karissa Greving, marriage and family therapist. R.S.V.P.: ASUlectures@asu.edu or (602) 496-1000.

Miscellaneous

Friday, Aug. 8

Locating Funding, 3-4 p.m., Computing Commons (CPCOM) room 107. A hands-on workshop to introduce faculty and staff to the basics of locating funding from government, foundation and commercial sponsors. Sponsored by Office for Research and Sponsored Projects Administration. Information: <http://researchadmin.asu.edu/Training/workshops.cfm>.

Friday, Aug. 15

Decision Theater Tour, 3-4 p.m., Decision Theater, Brickyard Orchidhouse (BYOH) room 126A. Information: Michele.nobles@asu.edu.

Saturday, Aug. 16

Twilight Tour, 7-8 p.m., Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix (about two miles north of Highway 101 and two miles west of I-17). Admission: \$6.50 adults; \$3.50 students and seniors; \$2.50 children 12 and younger. Reservations and information: (623) 582-8007.

Thursday, Aug. 21

"Do You Know NEPA?" 8:30 a.m.-5 p.m., Planning + Design Academy, 234 N. Central, eighth floor, Phoenix. The course will explore each phase of the National Environmental Policy Act. Continues from 8:30 a.m. to noon, Aug. 22. Sponsored by College of Design in collaboration with SWCA Environmental Consultants. Admission. Information: (480) 727-9819 or <http://design.asu.edu/pdacademy/registration.php> topic: "NEPA"

Legacy Parents Reception, 3:30-5 p.m., Old Main Basha Library. Sponsored by Alumni Association for parents and relatives of new ASU students who are ASU graduates themselves. Information: (480) 965-2586.

Friday, Aug. 22

Football Kickoff Luncheon, 11:30 a.m.-1:30 p.m., Tempe Mission Palms Hotel, 60 E. Fifth St., Tempe. Admission. Sponsored by Alumni Association. Information: (480) 965-2586.

Exhibitions

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

Arizona State Credit Union – 9 a.m.-5 p.m., Monday-Friday. Memorial Union, lower level. Information: (602) 644-4786.

Art Café, Memorial Union – 7 a.m.-9 p.m., Monday-Thursday; 7 a.m.-3 p.m., Friday; 8 a.m.-3 p.m., Saturday; 4-8 p.m., Sunday. Information: (480) 965-9600.

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. Summer hours: 10 a.m.-5 p.m., Tuesday-Saturday. Information: (480) 965-2787.

Through Aug. 30, "Exploring Dreams: Images from the Permanent Collection." This exhibit presents artwork that echoes the dreamlike, surreal images encountered in the depths of sleep and in the shades of waking. The exhibition examines the concepts and science of dreams; what dreams are and their purpose and meanings. To further enhance viewers' experiences, hands-on and informational activities in the gallery encourage visitors to explore their own dreams through images and text. "Exploring Dreams: Images from the Permanent Collection" is made possible in part through an investment by IKEA, Changing Hands Bookstore, the ASU Art Museum Advisory Board and the Friends of the ASU Art Museum.

Ongoing: Americas Gallery is organized topically, presenting ideas that are addressed by works from all of the Americas. The gallery's diversity of art forms creates interactions among works of art, suggesting new affinities between contemporary and historic, painting and video, and Latin and North American artists. The gallery includes two components that periodically change: "Spotlight" features an artwork of special interest, while "Interdisciplinary Gallery" displays works selected by guest curators who can demonstrate a link between the art and their own lives and disciplines.

Ongoing: "Permanent Collection: Loans, Acquisitions and Gifts." An ongoing, revolving exhibition of items from the museum's own contemporary collection, as well as items on loan.

Deer Valley Rock Art Center – 9 a.m.-5 p.m., Tuesday-Saturday; noon-5 p.m., Sunday. 3711 W. Deer Valley Road, two miles west of I-17. Information: (623) 582-8007.

Through Sept. 1, "Land of Fire, House of the Sun: Award-Winning Rock Art Photography." This exhibit features a stunning array of rock art photographs from the Coso Mountains in California. The thousands of petroglyphs found in the Coso Mountains indicate that the area has been important to native peoples for centuries. The exhibit showcases two winners of the American Rock Art Research Association's Oliver Award for Excellence in Rock Art Photography. Artist Alain Briot received the award in 1998 for a photo essay that captures the essence of rock art in the Land of Fire, while Rick Bury received the

award in 1996 for a photo essay that depicts the relationship between seasonal changes and Chumash rock art.

Fletcher Library, West campus – Exhibits open during library hours. Information: (602) 543-8500.

The Galleria – 8 a.m.-6 p.m., Monday-Friday, located in Mercado Building C, 502 E. Monroe St., Phoenix. Information: (602) 496-1500.

Through Aug. 29, "Arizona and Beyond." This is a colorful exhibit of photography and digital paintings by Apache Junction artist Edith Nye, highlighting local flowers, plants and scenery.

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

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

R.S. Dietz Museum of Geology – 9 a.m.-noon, Monday-Friday, Physical Sciences Center F-wing foyer. Information: (480) 965-7065. More than 200 fossil teeth stud the life-sized re-creation of a prehistoric shark's jaws. Among other exhibits are bones of Columbian mammoths discovered in Chandler, a six-story Foucault pendulum, and mineral, gem and fossil displays.

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.

Through Sept. 5, "Annual Juried MFA Summer Exhibition." This exhibit is open to all currently enrolled MFA students working in any media. Jurors are selected, by the Gallery Exhibitions class, from among local and regional arts museum and gallery directors and curators.

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

Through Sept. 30, "Surveying Arizona: Select Photographs from the Arizona Historical Foundation Collection." For more than 100 years, Arizona has been surveyed and photographed from a variety of perspectives. This exhibit tells the story of its documentation through photographs selected from the more than 40,000 held by the Arizona Historical Foundation. Included are an undated aerial photograph of Camelback Mountain surrounded by agricultural fields, a 1916 photograph of Oatmine Mine, prospectors in 1931 and the town of Roosevelt in 1905, before it was covered by the lake.

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 Elsassner, a student in Barrett, the Honors College, has asked students to express, through a variety of artistic media, how they understand and identify with being "American." "Mosaic" contextualizes American identity as a diverse and changing ascription, based on ethnicity, religion, gender and sexual orientation. This exhibit presents positive and negative takes on American culture and invites the visitor to engage emotionally with the artwork.

"Fuse" is a portrait exhibit of the complex worlds of resettled refugees in the Phoenix metropolitan area. It fosters critical thinking on who refugees are – and how, through sharing experiences, the Phoenix 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.

Defenses

Amy McAdam, PhD, Geol. Sci., 2 p.m., Aug. 12, PSF 566.
Maria Ortuoste, PhD, Pol. Sci., 10 a.m., Aug. 18, COOR 6761.
Patricia Blaine, PhD, Hist., 2 p.m., Aug. 18, COOR 4411.

EMPLOYMENT

The following positions are available as of Aug. 8 and are subject to change. All positions will be advertised in *Insight* only once. The staff requisition or job order number for each position is indicated by the (#) sign. ASU is an equal opportunity-affirmative action employer.

ASU POSITIONS

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

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

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

STAFF POSITIONS

TEMPE CAMPUS

Professional

Accountant (O) #18730 – VP University Student Initiatives (Aug. 15).
Accounting Assistant Sr/Business Administration (O) #18734 – Ira A. Fulton School of Engineering (Aug. 12).
Business Coordinator Sr (O) #19060 – W. P. Carey School of Business (Aug. 20).
Coordinator Senior (O) #18632 – College of Liberal Arts and Sciences/Center of Film, Media and Popular Culture (Aug. 13).
Disability Access Consultant (O) #18682 – Disability Resource Center (Aug. 15).

Human Resources Retirement Coordinator (O) #19056 – Office of Human Resources (Aug. 13).

Liaison for LE-CSSS – Industrial Associates Program (O) #18793 – College of Liberal Arts and Sciences (Aug. 15).

Management Intern (Part time) (O) #18696 – Student Development (Aug. 15).

Office Specialist (O) #18560 – College of Liberal Arts and Sciences/The Department of English (Aug. 11).

Office Specialist Sr (O) #18710 – Student Development (Aug. 15).

Program Coordinator (O) #18716 – Executive and Provost of the University (Aug. 13).

Program Coordinator (O) #18639 – College of Liberal Arts and Sciences (Aug. 14).

Specialist (O) #18885 – VP of Research and Economic Affairs (Aug. 14).

Specialist HR Support (O) #18855 – University Services (Aug. 15).

Specialist Sr (O) #18577 – College of Liberal Arts and Sciences (Aug. 15).

Student Activity Advisor (O) #18720 – Student Development (Aug. 15).

TRIO Coordinator (O) #18833 – VP University Student Initiatives (Aug. 22).

Technical and computer

Research Specialist (O) #19001 – College of Liberal Arts and Sciences (Aug. 15).

Science Writer (O) #18849 – Biodesign Institute (Aug. 15).

Administrative support

Administrative Assistant (O) #18103 – Disability Resource Center (Aug. 15).

Office Assistant/Receptionist (O) #18759 – Undergraduate Admissions (Aug. 20).

Secretary Administrative (O) #18719 – College of Nursing & Healthcare Innovation, Academy for Continuing Education (ACE) (Aug. 13).

Student Services Assistant (part time) (O) #18088 – VP University Student Initiatives (Aug. 13).

Student Services Assistant Success Coaching (Part time) (O) #18092 – VP University Student Initiatives (Aug. 13).

Student Services Assistant Residential Colleges (part time) (O) #18093 – VP University Student Initiatives (Aug. 13).

Graduate Research Assistant (part time) (O) #19273 – College of Liberal Arts and Sciences-Hispanic Research Center (Aug. 15; every week thereafter until search is closed).

Service/field craft/maintenance

Lead Parking Enforcement Officer Evenings (O) #18722 – University Business Services, Parking and Transit Services (Aug. 13).

DOWNTOWN PHOENIX CAMPUS

Administrative support

Secretary Administrative (O) #18742 – College of Nursing & Healthcare Innovation (Aug. 8).

POLYTECHNIC CAMPUS

Administrative support

Mail Clerk (O) #18375 – Mail Services (Aug. 13).

WEST CAMPUS

Administrative support

Administrative Assistant #18548 – Department of Career Services and Student Counseling in Student Affairs (Aug. 22).

Office Specialist Senior for Community Outreach #19085 – Public Affairs (Aug. 15).

ACADEMIC POSITIONS

TEMPE CAMPUS

Graduate Research Assistant (part time) – Office of the Provost; Office of University Evaluation (Aug. 15; every week thereafter until search is closed).

Going Global

ASU's worldwide outreach has gained new momentum with the appointment of Anthony "Bud" Rock as the first vice president for global engagement. Rock and his staff have welcomed international visitors to ASU in recent months, and have begun forging new ties with universities and governments in Vietnam and Germany while continuing involvement with Latin America, China and Singapore.

14 faculty earn seed grants for international collaborative research

By Mark Luebker

Fourteen ASU faculty members recently were awarded seed grants designed to foster international collaborative research and advance institutional global engagement.

The grants were presented in a competition sponsored by the Office of the Vice President for Global Engagement (OVPGE). Ninety-seven proposals were received and carefully evaluated by the Faculty International Committee (FIC) on the basis of the prospects for these programs to advance ASU global engagement.

"All of us on the Faculty International Committee were gratified by the response to the seed grant competition," says Stephen Batalden, chairman of the FIC. "We know of no other such seed grant competition where almost 100 ASU faculty members submitted proposals. The uniformly high quality of the applications, as well as the high response rate, signals a very bright future for global engagement at ASU."

In all, \$129,990 was awarded, with individual grants ranging from \$2,960 to \$9,880. These awards will help establish valuable connections abroad and global insights that can be incorporated into ASU programs of study and collaborative research proposals.

Grants also were awarded where programs might reach new levels, expand applications and secure follow-on funding or other external support wherever possible.

"We were thrilled to receive so many excellent proposals, and we regret being able to fund only a relatively small number of extremely interesting submissions," says Anthony "Bud" Rock, vice

president for global engagement. "But we are confident that the incredible response affirms to all that global programs are central elements of the university's educational and research agenda and critical to the advancement of the New American University."

Recipients, their affiliations and the names of their projects are:

- Benjamin Broome, College of Liberal Arts and Sciences, "Repairing the Past, Building the Future: Peacebuilding and Reconciliation in Cyprus."
- Claudia Brown, Herberger College of the Arts, "New Chinese Art."
- Nancy Eisenberg, College of Liberal Arts and Sciences, "A Longitudinal Study of Lack of Forgiveness and Development Outcomes in Adulthood."
- Nancy Jurik, College of Liberal Arts and Sciences, "Gender, World, Entrepreneurship and Family Resiliency in the United States and the Czech Republic."
- Arunachalanadar Madakannan, College of Technology and Innovation, "Research on Fuel Cell Component Development at ASU Along with NIT, India."
- Arthur Mason, School of Justice and Social Inquiry, "Long Term Oil Spill Effects: Scenarios of Cascading Ecological and Socio-Economic Impacts."
- Pamela McElwee, College of Liberal Arts and Sciences, "The Role of International NGOs in Biodiversity Conservation and Protected Area Management in the Greater Mekong Subregion."
- Gyan Nyaupane, School of Community Resources and De-

velopment, "Exploring the Linkages Among Poverty Alleviation, Biodiversity Conservation and Tourism."

- Laura Popova, Barrett, the Honors College, "Samara River Valley Political Ecology Project."
- Marco Saraniti, Ira A. Fulton School of Engineering, "An international Collaborative Graduate Educational Program in Nano-Electronics Between ASU and the University of Padova, Italy."
- Elizabeth Segal, School of Social Work, "Collaboration and Exchange across the Border: Pathways to Create Better Understanding of Poverty in Arizona."
- Pegge Vissicaro, Herberger College of the Arts, "Networking for Cross-Cultural Dance Research: Strategies for Ethnographic Analysis of Macedonian Roma Dance Culture."
- Donna Winham, School of Applied Arts and Sciences, "Planting Seeds: Capacity Building for Black Bean Research and Health Production."
- Jianguo "Jingle" Wu, School of Life Sciences, Global Institute of Sustainability, "Natural-Human System Dynamics of Inner Mongolia in the Past 100 years: Understanding the Interactions Among Ecological, Economic and Social Drivers."

A recognition event for recipients is planned for this fall. For more information on OVPGE activities, visit the Web site <http://ovpge.asu.edu>.

Luebker, with the Office of the Vice President for Global Engagement, can be reached at (480) 727-8269 or mark.luebker@asu.edu.

United Arab Emirates official meets with ASU chiefs

Minister of economy, alum sees opportunities for cooperation

By Mark Luebker

Sultan Saeed Nasser AlMansoori, minister of economy for the United Arab Emirates, met with ASU President Michael Crow and other university officials July 31 as part of a daylong visit to ASU conducted by the Office of the Vice President for Global Engagement.

AlMansoori is an ASU alum, having earned a degree in industrial engineering and management systems here during the late 1980s.

AlMansoori's visit focused on a range of opportunities for cooperation between ASU and the UAE. Discussions centered on the increasing complexity and global engagement of the university since his time here, with emphasis on ASU's strengths in technology transfer, sustainability and planning and public policy, in particular the role of information and policy informatics in areas that included health care and urban development.

The impact of ASU research – not only the theoretical, but practical applications – were cited as promising areas for future collaborations. Building on the theme of commonalities shared by the UAE and Arizona, AlMansoori noted a correspondence between the rapid expansions of the Phoenix and Tucson metropolitan areas into a single "megapolis" and similar growth in the UAE cities of Dubai and Abu Dhabi, which also are expanding toward one another across a desert.

AlMansoori met with a group of current



TIM TRUMBLE PHOTO

From left, Anthony "Bud" Rock, ASU's vice president for global engagement, Sultan Saeed Nasser AlMansoori, minister of economy for the United Arab Emirates, and Kimberly Ovitt, director of communications and public relations for the Biodesign Institute, discussed a range of opportunities July 31 between ASU and the UAE.

UAE students before a tour of Decision Theater. He pointed out that five or six other ASU alums hold high-level positions in the UAE government, and that they are among the best promoters of the university in his country. There was agreement that it would be beneficial for ASU to expand marketing efforts to attract even more students from the UAE and the Gulf region.

Representatives of the Office of the Vice President for Global Engagement, the Global Institute for Sustainability, Arizona Technology Enterprises, the Ira A. Fulton

School of Engineering, the Biodesign Institute, Decision Theater and the Alumni Association participated in AlMansoori's program, which concluded with a private dinner conducted by Crow.

Earlier in the day, AlMansoori met with Phoenix Mayor Phil Gordon and his staff to discuss possible joint efforts and future contacts between the city and the UAE.

Luebker, with the Office of the Vice President for Global Engagement, can be reached at (480) 727-8269 or mark.luebker@asu.edu.

ASU plays host to student group from Palestinian territories

By Mark Luebker

On July 28, the Office of the Vice President for Global Engagement played host to a group of nine students from Palestinian territories who were traveling in the United States as part of "A Project for the Palestinian Territories."

The project is a three-week program focused on American studies under the auspices of the Department of State's International Visitor Leadership Program.

The program, designed for students enrolled in classes or programs that study U.S. policy, history or culture, is intended to broaden participants' contextual knowledge and understanding of the United States, including cultural, social and political aspects.

Students were selected, in cooperation with their professors, for academic achievement, leadership and the likelihood that their

experience in the program will be useful in academic and professional pursuits.

One student who is studying English-language literature says his initial impression of ASU was that its focus was entirely science and technology. He was pleased to discover in the course of his visit the many opportunities for post-graduate work in his areas of interest and is now considering coming here.

Before arriving at ASU, the group visited universities and organizations in Pennsylvania, Delaware and Washington, D.C. When asked to compare their experiences on the East Coast with the West, the consensus was that the climate here felt more familiar.

Luebker, with the Office of the Vice President for Global Engagement, can be reached at (480) 727-8269 or mark.luebker@asu.edu.

ASU Libraries collects books for students affected by China quake

ASU Libraries is calling on local schools, individuals and organizations to donate new and used English-language materials to help rebuild school libraries in China's Sichuan Province, site of the 8.0 earthquake that shook that region May 12.

As of May 22, the death toll stood at 51,151 and another 288,431 people were injured. The quake destroyed many schools and thousands of other buildings.

As a partner of leading Chinese university libraries, the ASU Libraries plans to send the books to Juyuan Middle School in Dujiangyan City, Sichuan. That school, now operating in tents, lost 278 students and six teachers in the quake. ASU's sister institution and strategic partner Sichuan University (SCU) is located 60 miles away from the epicenter of the earthquake.

The ASU Libraries are partnering with the University of Pittsburgh Library System (ULS) on this drive. ASU university librarian Sherrie Schmidt and ULS director Rush Miller, along with other ULS personnel, will travel to China in September to present some of the books to school officials.

Donated materials – books, CDs and DVDs in literature, history, science and the arts – must be in good condition and appropriate for children in grades 7-12.

Materials or boxes should be marked "Rebuilding School Libraries, Sichuan Earthquake" and can be brought to any of the following ASU Libraries: Hayden Library, Noble Science and Engineering Library, and Music Library on the Tempe campus; the Library at the Downtown Phoenix campus; the Library at the Polytechnic campus; and Fletcher Library at the West campus. Donations will be accepted through Aug. 15.

Those needing more information or assistance with their donation can call (480) 965-3417.

Lodestar Center graduates 2nd Public Allies Arizona class

(Continued from page 5)

- Collectively, allies have served more than 34,800 hours.
- Allies have directly affected more than 14,276 people.
- Allies have recruited more than 2,175 volunteers, who have served more than 5,213 hours and influenced more than 12,513 people.
- Allies created more than 437 new community linkages on behalf of their partner organizations. Each new link represents new opportunities for information sharing, partnerships and collaborative projects.

In observance of the Martin Luther King Jr. holiday, allies engaged 50 youths in an Art for Justice Youth Writing Workshop in partnership with Make a Difference, Creighton Elementary School District, Boys & Girls Club of Metro Phoenix, and Communities In Schools of Arizona.

In recognition of Cesar Chavez Day, allies worked in partnership with the Cesar E. Chavez Foundation and Chicanos Por La Causa to lead more than 250 youth from Phoenix Elementary School District No. 1 on a march to the historic Santa Rita Center and served 250 youth in the Stay in School Celebration workshops.

On Make a Difference Day, allies worked with a Phoenix homeowner to paint her home in collaboration with Rebuilding Together's Rock & Roll Paint-a-Thon.

In all, \$94,500 in education award money has been earned by allies to access higher education or pay off student loans.

Also, 55 percent of allies are immediately using their education award to earn bachelor's degrees or begin graduate school this fall.

More than 60 percent of the graduates were offered full-time employment at their nonprofit after graduation.

Cox O'Hara, with the Lodestar Center for Philanthropy and Nonprofit Innovation, can be reached at (602) 496-0185 or amy.ohara@asu.edu.

Honors College taps Lynk as visiting fellow

(Continued from page 5)

ety: Individual Choice & Social Order in Homer's Iliad," to law students and Barrett students. He uses the ancient Greek epic poem to illustrate the tensions in society between allowing individuals to pursue their own personal goals, and requiring individuals to be responsive to social needs.

Project Excellence enables ASU's brightest undergrads to receive challenging experiences within the law-school curriculum.

Also, in 2007-2008, Lynk was the principal faculty supervisor for a Barrett senior's honors thesis on Achilles' attempt in the "Iliad" to redefine his social role and society's norms of heroic behavior.

For his upcoming fellowship, Lynk is formulating a seminar for Barrett students that will use two examples of modern literature, the "Lord of the Rings" and the "Harry Potter" series, in light of a classic "law-related" novel such as "To Kill a Mockingbird," to study how individuals make ethical choices and accept societal responsibilities in the absence of – or in opposition to – the legal regimes in place in their societies.

"We'll be looking at a variety of contexts in which people are making moral choices without observable legal norms," says Lynk, referring to the clear "good versus evil" theme in the "Lord of the Rings" in which moral choices are made pursuant to principles that derive from a certain inchoate "natural law" but that are not buttressed by – or derived from – human "laws."

His students also will be delving into the legal

and moral worlds of "muggles" and wizards in the "Harry Potter" novels, where laws and legal authorities exist but prove at first unwilling – and then unable – to confront and destroy the menace that evil presents.

Lynk notes, for example, that many of today's students view the Rev. Martin Luther King Jr. as the greatest of modern American heroes. Yet King achieved his victories over segregation in opposition to the legal regimes that were in place in many parts of the United States in his time. Thus, the ultimate question Lynk, who joined the College of Law in 2000, wants his students to address is this: "What role, if any, do laws and legal institutions play in defining moral conduct and encouraging, not just permitting, correct moral choices?"

In addition to his law and literature course, Lynk teaches courses on business organizations, corporate governance, civil procedure and professional responsibility. He is the faculty adviser for the law school's Corporate and Business Law Society, and the John P. Morris Black Law Student Association.

In 2004, Lynk was appointed by ASU President Michael Crow to serve as the university's NCAA faculty athletics representative.

Lynk, a graduate of Harvard College and Harvard Law School, also is a former partner in a national law firm and is a member of the governing council of the American Law Institute.

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

In BRIEF

Retirement reception honors Cron's service

Officials with ASU's Financial Services are inviting the campus community to a reception for Janice Cron as she prepares to retire after 22 years of service to the university.

The reception will take place from 2 p.m. to 4 p.m., Aug. 12, in the Student Services Building's room 274 on the Tempe campus.

Classes aim to help new faculty members

Students soon will be returning to class – and so will faculty.

The Center for Learning and Teaching Excellence will offer a series of classes for new faculty on a variety of teaching subjects Aug. 18.

The classes, part of Orientation Week 2008, are gathered under an umbrella called Teaching@ASU. They are geared toward new faculty, but returning professors also are invited, says Judy Grace of CLTE.

Teaching@ASU will begin with a breakfast and panel discussion with members of the Distinguished Teaching Academy, from 7:45 a.m. to 9 a.m. at the University Club on ASU's Tempe campus. The day continues with workshops on such topics as "Getting Students to Read," "Classroom Assessment Techniques," "The Learner-Centered Syllabus," "Enhanced Teaching Using Blackboard I," "Clickers in Large Classes" and "They're Here: The New Millennials as Students."

Classes will be held in Coor Hall and continue until 4:20 p.m.

"Any faculty member may attend selected workshops, or may attend the entire day," Grace says.

To register for Teaching@ASU, visit the Web site <http://clte.asu.edu/workshop/index.shtml#teachday>. For more information about CLTE, call (480) 965-9401.

Interview times set for piano prep program

The highly successful ASU Piano Preparatory/Conservatory Program at Herberger College School of Music, which is celebrating its 20th anniversary this year, is inviting new students to enroll.

Interviews are held for beginners with no previous piano instruction who will reach age 7 by Sept. 1, and for students with prior piano study ages 7-17.

Interviews will take place from 2 p.m. to 6 p.m., Aug. 20-21, at the Herberger College School of Music's room W255, located at 40 E. Gammage Parkway on ASU's Tempe campus.

The cost of the piano preparatory program is \$1,304 per academic year, while the cost of the piano conservatory program is \$1,655 per academic year.

For more information, call the piano prep office at (480) 965-1702 or Janice Meyer Thompson at (480) 965-3823. Advance appointments are requested.

The Piano Prep Web site can be found online at <http://music.asu.edu/community/pianoprep.htm>.

Dispute resolution conference heads to ASU

ASU's Sandra Day O'Connor College of Law will play host Oct. 24-25 to the 2008 AALS Dispute Resolution Section Works in Progress Conference.

As its name suggests, the conference provides an opportunity for dispute-resolution scholars from across the country to present projects in their early stages, and to get input from others who teach and do research in the dispute-resolution area.

"The conference showcases a vast and impressive range of emerging work in the field," says Art Hinshaw, director of the Lodestar Dispute Resolution Program.

The conference, in its second year, will take place in Armstrong Hall on ASU's Tempe campus.

For conference registration information, visit the Web site www.law.asu.edu/AALS-DRconference.

Grant boosts Kashiwagi's research at ASU

Dean Kashiwagi, a professor in ASU's Del E. Webb School of Construction in the Ira A. Fulton School of Engineering, has been awarded a Fulbright Scholar grant to lecture and conduct research at the University of Botswana in Africa during the 2008-2009 academic year.

Kashiwagi, director of the ASU's Performance Based Studies Research Group, will help the University of Botswana shape a construction project management graduate program using a futuristic project management model and a leading-edge graduate education-research model. The project is designed to establish an ASU-Africa link in engineering and construction management.

Kashiwagi is one of about 800 U.S. faculty and professionals who will travel abroad through the Fulbright Scholar Program. The program, established in 1946 under legislation introduced by the late Sen. J. William Fulbright of Arkansas, seeks to build mutual understanding between the people of the United States and other nations.

The Fulbright Program, America's flagship international educational exchange program, is sponsored by the U.S. Department of State, Bureau of Educational and Cultural Affairs. The Fulbright Scholar Program is administered by the Council for International Exchange of Scholars.

Study-abroad program participants visit Israel

Thirty ASU students traveled to Israel in July for an interdisciplinary study-abroad program that focused on counterterrorism, emergency management, and international politics. It was the first time the university offered an interdisciplinary study-abroad program in Israel.

The delegation, which was greeted by Raphael Ben-Hur, Israeli's minister of tourism, visited the Israeli cities of Jerusalem, Tel Aviv, Haifa and Galilee. Internationally recognized experts taught the delegates about day-to-day security concerns in Israel, history and countermea-

sures for suicide bombers, infrastructure security, mass casualty response and Israeli political issues. The ASU students also were introduced to Israeli culture, cuisine and history.

The program, which will be offered again for summer 2009, is geared toward students who are or are seeking careers in the military, law enforcement, counterterrorism, Middle East politics, private security and emergency response management. Anyone interested in the program can contact Charles Loftus at (480) 965-4839 or charles.loftus@asu.edu.

Eight/KAET-TV programs win Telly Awards

Founded in 1978, the Telly is the premier award honoring outstanding local, regional and cable TV programs, video and film productions. Each year, the Telly Awards showcase the best work of the most respected production companies, television stations, cable operators and corporate video departments.

The competition, which is widely known and respected, receives more than 14,000 entries from all 50 states and many foreign countries.

The Silver Telly is the organization's highest honor, and this year Eight/KAET-TV received two of these prestigious awards. The first was for "Under Arizona," an original production that combines high-definition photography and computer animation for a compelling discovery of the natural riches found only in the Grand Canyon state. A second Silver Telly Award was presented for "Arizona Stories: World War II," which chronicles the war experiences of Arizona soldiers and their families with first-hand accounts from the battlefield and life on the home front. The documentary was produced as a local adjunct to "The War, A Ken Burns Film."

Zipcar heads to Downtown Phoenix campus

ASU and Zipcar, the world's largest provider of cars on demand by the hour or day, have announced that they will shift their existing campus fleet to bring one Zipcar to the university's Downtown Phoenix campus.

One self-service Zipcar – a Toyota Yaris – is now available for use 24 hours a day, seven days a week. The car will be located at 411 N. Central Ave., in the University Center Garage, next to the cashier's booth. The vehicle will be for the use of all staff and students aged 18 and over, with gas, maintenance, insurance and reserved parking included in the low hourly and daily rates.

Faculty, staff and students can join Zipcar for \$35 and will gain access to ASU's Zipcars for \$9 per hour, or \$66 per day. All members 21 years old and older also will have access to Zipcar's network of more than 5,500 vehicles throughout the United Kingdom and North America.

Those interested in learning more about Zipcar at ASU can visit www.zipcar.com/asu for more information about membership and hourly rates.

School of Music experiment aims to increase audience participation

By Judith Smith

Imagine watching a band concert as if it were a football game. The play-by-play announcer might sound something like this: "Watch out for the timpanist! In two minutes he will pound the life out of those drums. Oh, wait, there goes the trombone section! Did you ever see such an attack in your life? Each one hit the note exactly on time. What a team!"

Such commentary might not be too far-fetched in the months to come, as ASU's wind program in the Herberger College School of Music makes some drastic changes to both how music is played and listened to.

Starting with the new semester, all students who play wind instruments will go through an audition process. After the audition, they will get to choose from the more than 20 ensembles on the schedule for this year.

Each ensemble will rehearse for three weeks, then the members will rotate into another ensemble. This process will be repeated throughout the year, giving the students a wide range of musical experience.

Such traditional ensembles as the symphonic band still will exist, says Gary Hill, director of bands, but it won't be the same students sitting in the same chairs for an entire semester or year.

Instead, the band directors will gather students to rehearse and play the concert band repertoire as needed. Those same students then will rotate to smaller ensembles, such as wind quintets, contemporary and world-music combos, studio bands, or single-instrument groups such as an oboe choir.

Hill and his colleagues also plan to experiment with audience participation.

"We started asking ourselves, 'What would draw in new audiences?'" Hill says. "We thought there might be a certain group who might enjoy texting with the musicians – obviously, not while they are playing – and there might be those who would like a play-by-play description of what is going on."

"There are also people who might love to chat about the music, and there are people who want to come and have a pure classical experience."

The first phase of "audience research" will be carried out Sept. 18, when the wind students present a free concert at 7:30 p.m. in ASU Gammage.

The auditorium will be broken into designated zones for those who wish to text, chat, get a play-by-play, or simply sit and enjoy the music, Hill says.

"After the concert, we will ask for feedback and evaluate the feedback," he says.

This idea isn't as far-fetched as it might seem, Hill says. "This is a Research I institution, and as musicians, we ask ourselves, 'What does this mean for us?'" he says.

Audience participation used to be a much more vital part



"The auditorium will be broken into designated zones for those who wish to text, chat, get a play-by-play, or simply sit and enjoy the music," says Gary Hill, pictured above, director of bands in the ASU Herberger College of the Arts.

of classical concerts, Hill says.

"Mozart, for example, wrote in his letters that audiences sometimes clapped for certain chords," he says.

The idea for offering a large variety of ensembles and having students choose which ones they are interested in came from many discussions among the wind-instrument faculty.

"Our students are going to make a living in many ways," Hill says. "Our belief is that they will be required to do a lot of things rather than be specialists. That's why we want our curriculum to be as fluid as possible."

Part of that flexibility is having students comfortable with playing a wide range of repertoire.

Hill describes wind music as being part of a continuum, ranging from large performance ensembles such as concert bands, which are restrictive in terms of instrumentation, to small groups that are more flexible and may use improvisation, for example.

"We are trying to get farther down the flexibility spectrum," Hill says.

The new concept of flexibility and change, with most projects being three weeks long, will be much more challenging for the students – and faculty, too, Hill says.

There will be a lot more music to learn, and the band

directors will have to work speedily to bring the ensembles to performance level.

"Most projects will culminate in a performance," Hill says. "But others clearly will not have a public event as a goal, such as a pedagogy ensemble, where the students will learn teaching skills."

The new structure will affect all wind students, from freshmen to doctoral students, Hill says.

In years past, students aspired to join the wind ensemble or symphonic band, but now, in a sense, everyone belongs.

Hill says he believes ASU is the only university that has changed its wind program so drastically, offering students so many choices.

"From the feedback I received at professional conferences last spring, many people are very interested to see how this works," Hill says. "Some of our peers are planning to visit this year, just to take a look."

"Yes, we are pace-setters! In fact, Allan McMurray, director of bands at Colorado, told me last year that our band program already is considered the most innovative program in the country ... and now this!"

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

Growing old attracts attention of College of Human Services

New degree programs focus on aging, lifespan development

"Years may wrinkle the skin, but to give up enthusiasm wrinkles the soul."

– Samuel Ullman

By Matt Crum

There's no lack of enthusiasm within ASU's College of Human Services for helping residents of metropolitan Phoenix make the most of the aging process. In fact, the college recently introduced new bachelor's and master's degree programs in aging and lifespan development.

"The aging of the baby boom generation will have a significant impact on public and private institutions of all sizes, and these new degree programs will help prepare professionals in a variety of fields to address those challenges and opportunities," says Kathleen Waldron, interim director of the School of Aging and Lifespan Development.

But this curricular advancement is just one part of the story. Talented faculty members and students are lending their expertise to a range of initiatives across the Valley of the Sun to encourage healthy aging.

One of the college's most visible programs is the Osher Lifelong Learning Institute, funded through a \$1 million endowment from the Bernard Osher Foundation. The Osher Institute provides stimulating, university-quality learning experiences for adults who want to explore topics from computers to politics to poetry.

Classes are taught by a mixture of ASU faculty members and community scholars.

"The community scholars bring a lifetime of knowledge to their classes," says Diane Gruber, Osher Lifelong Learning Institute director. "Some teach topics related to their career. For others, it's an opportunity to share their passion

about a particular subject with others."

The institute's slate of classes, workshops and lectures, which already spans metropolitan Phoenix from Buckeye and Surprise to Mesa and Florence, is set for further expansion. Collaboration with the city of Tempe has established "Tempe Connections" course offerings starting this fall at the Tempe Library. The institute also has formed partnerships with Arizona Opera and the Phoenix Art Museum to offer joint programming.

An Osher Institute program enabling retirees to express their passion for community involvement is the Legacy Leadership Project. Volunteers living in Sun City Grand and Sun City Festival recently participated in an intensive two-week training session and then became public relations consultants for two nonprofit groups: the Maryvale Revitalization Corp. and Jobs for Arizona Graduates. Plans call for the Legacy Leadership Project to expand and assist more community organizations.

"We're seeing people moving into a very different type of retirement experience these days," Gruber says. "They may still be interested in their club time and golf time, but there's another layer. They want meaningful engagement in the community, and they want their engagement to use and build on the skills they've developed throughout their lives."

Even travel has evolved for retirees. They may want time at the beach, but they also want to learn about the world around them. The Osher Lifelong Learning Institute has formed a partnership with TravelLearn to offer tours to locations including Italy and Greece, led by knowledgeable guides.

Back at ASU's West campus, which houses the College of Human Services, retirees and traditional-age college students are working together on research and instructional projects to benefit

local communities. Communication studies professor Vincent Waldron's community research team (CRT) has studied the educational needs and preferences of Sun City Grand residents.

Team members worked with Waldron to publish an article about the process.

"The idea behind CRT is to build intergenerational connections, provide meaningful service learning opportunities, and involve talented retired people in the university's teaching and research missions," Waldron says.

CRT has yielded productive side effects. Two of the retirees served as educational consultants to Waldron's "Communication and Aging" class. They shared their experiences through class discussions and podcasts and by helping to choose films that convey aging-related themes.

Human Services students also are participating in psychology professor David Coon's longevity study, conducted in collaboration with the Sun Health Research Institute Center for Healthy Aging. Researchers are interviewing adults from their 50s up past the age of 100, to gain a better understanding of the many factors involved in healthy aging.

"Taking part in the project has given me the opportunity to have greater face-to-face interactions with older adults in the community," says Maureen Keaveny, who is pursuing a graduate certificate in gerontology through Human Services. "The information obtained from this project will increase our understanding of what it takes to age successfully."

"It's extremely beneficial to our students to have this type of collaboration among ASU's colleges," Kathleen Waldron says.

(Coon, co-principal investigator for the longevity study, is a faculty member in the New College of Interdisciplinary Arts and Sciences, also located on ASU's West campus.)

Kathleen Waldron knows a thing or two about collaboration. She reaches out to the community in countless ways. Because she has developed a reputation as an expert in aging and other family issues, she is regularly contacted by community members looking for assistance with an aging relative, as well as by reporters from local and national media outlets seeking her take on progress in aging and lifespan development.

Her efforts also include leading a support group for West campus employees who meet monthly to share concerns and solutions related to issues with their own aging relatives. She coordinates the popular Conference on Aging, held most recently on ASU's West campus in March, and is collaborating with several community organizations to offer a new conference, scheduled for Feb. 7, that will focus on intergenerational communication among family members.

"This ties in with my major interest area, family issues and how they are impacted by aging," she says. "Caregiving concerns, family dynamics, and the ways social policies affect aging individuals and their families are just a few of the issues that will have a growing effect on society in the years to come."

Thanks to the work of dedicated faculty, students and staff in the College of Human Services, and people throughout the Valley and beyond will be better prepared to address these issues and make the most of their lives as they experience the aging process.

Information about ASU's new degree programs in aging and lifespan development may be found at <http://chs.asu.edu/ald/>. For details about the Osher Lifelong Learning Institute, visit <http://lifelonglearning.asu.edu/>.

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

Study: Pondering own mortality may lead some people to overeat

By *Natasha Karaczan*

Could watching the latest "Law and Order" marathon cause extra weight gain?

The latest research in the *Journal of Consumer Research* from ASU marketing professor Naomi Mandel shows that people who are exposed to death-related images and ponder their own mortality tend to overeat.

Mandel and Dirk Smeesters, a professor from the Netherlands, worked together to conduct several experiments in the United States and in Europe. They asked people to write an essay about their feelings toward their own deaths. Participants then checked off items they wanted to buy from a grocery list.

The researchers found that those who wrote about their deaths wanted to consume or spend more than those in a control group who wrote about undergoing a medical procedure.

"People who thought about the idea of dying chose to consume more food in general, whether it was healthy or not, to put these thoughts out of their mind," Mandel says.

The researchers found that an explanation for the overconsumption is cultural standards. In the United States, people tend to overspend on luxury items and overeat to meet a high standard of living. This made participants wonder if they had not lived up to these expectations.

"They started to question whether they have made a significant mark on the universe," Mandel says. "If they felt they had not lived up to cultural standards, they wanted to escape from awareness by eating."

Smeesters and Mandel explain this process using a theory called "escape from self-awareness."

When people with low self-esteem are confronted with their own mortality, they begin to get self-conscious and uncomfort-

able, so they overconsume to rid such thoughts from their mind, the researchers say.

During their experiments, the researchers placed a mirror in front of the participants, and found that it caused people to have a desire to consume less.

"This demonstrates self-awareness," Mandel says. "People did not want to watch themselves overconsuming."

The pair found that the practical application of this new research would be for marketing firms to advertise during crime shows, or during news programming.

"Consumers, especially those with a lower self-esteem, might be more susceptible to overconsumption when faced with images of death during the news or their favorite crime-scene investigation shows," Smeesters says.

Karaczan, with Media Relations, can be reached at (480) 965-3502 or nkaracza@asu.edu.

Students earn Freeman Awards to study in China

By *Ara Pachmayer*

Six ASU undergraduates recently received Freeman Awards for Study in Asia, allowing them to participate in an intensive course on Chinese language and culture in Beijing this summer.

The students – Christopher Luiszer, Scott Parker, Tye Rabens, Libbie Stirgwolt, Bobby Szeto and David Ward – also will journey west on the Silk Road as part of a study abroad experience led by Claudia Brown, associate professor of art and director of the Center for Asian Studies, and Patty Pang, lecturer in the School of International Letters and Cultures.

"ASU has a strong commitment to programming in China, so we are very pleased that six of our students competed successfully for the Freeman-ASIA scholarships," says Kathleen Fairfax, associate vice president for global engagement. "As we strive to get more students studying abroad in China and other parts of Asia, support such as that provided by the Freeman Foundation will be instrumental in making more opportunities available to all students."

According to its Web site, the Freeman-ASIA program is designed to increase the number of U.S. undergraduate students participating in study abroad experiences in East or Southeast Asia by offering information and financial



PHOTO COURTESY OF THE STUDY ABROAD OFFICE, CENTER FOR GLOBAL EDUCATION SERVICES

Pictured at the main entrance of Renmin University in Beijing are, front row from left: David Ward, Patty Pang, a lecturer in ASU's School of International Letters and Cultures, Tye Rabens and Libbie Stirgwolt. In the back row, from left, are Scott Parker, Christopher Luiszer and Bobby Szeto. The writing on the stone is the motto of Renmin University: "To seek truth from facts."

support to those "with demonstrated financial need." In turn, award recipients are expected to share their experiences when they return to their home campuses and encourage others to study abroad in Asia.

Since its launch in 2000, Freeman-ASIA has helped support more than 3,000 U.S. under-

graduates study abroad in East and Southeast Asia.

For more on Freeman-ASIA, visit the Web site www.iie.org/programs/Freeman-ASIA.

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Criminal law project features professor's essay

By *Janie Magruder*

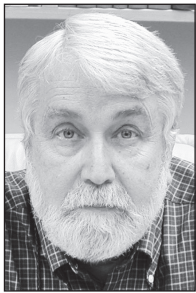
Professor Jeffrie Murphy of the Sandra Day O'Connor College of Law is among leading scholars who have been invited to debate the fundamental questions of modern criminal law for a project at the University of Pennsylvania Law School.

Murphy's essay, "Remorse, Apology and Mercy," was nominated by Susan Bandes, a distinguished research professor at DePaul University College of Law and a visiting professor at the University of Chicago Law School, for inclusion in the Criminal Law Conversations project.

In recent months, it received five comments from other scholars in the field and thus moved from the nomination phase into the selection stage.

"I am pleased that so many people are engaged by my article enough to want to comment on it," says Murphy, Regents' Professor of Law, Philosophy & Religious Studies at ASU.

The interest in Murphy's piece is significant because, while 112 nominations have been made to date, just 26 have attracted four or more commentators, the required minimum for acceptance. A writer whose work has been accepted is then required to provide a 5,000-word "core text" that



Jeffrie Murphy

summarizes the essence of the original article.

The series of "conversations" was initiated by three eminent criminal law scholars:

- Paul H. Robinson, Colin S. Diver Professor of Law at the University of Pennsylvania Law School.

- Professor Kimberly Kessler Ferzan, associate dean for academic affairs and co-director of the Institute for Law and Philosophy at Rutgers University, School of Law-Camden.

- Professor Stephen P. Garvey, associate dean for academic affairs at Cornell University Law School.

The plan is to generate a series of exchanges centering on significant questions in criminal law theory. Eventually, the most dynamic and interesting exchanges will be published by Oxford University Press in a volume of "conversations" about hot-button criminal law issues.

In a June 20 article published in the *Chronicle of Higher Education*, Christopher Collins, an Oxford editor, called the experiment "American Idol meets peer review and 2.0 publishing," because it has created an interactive alternative to traditional scholarly publishing. The more than 130 scholars who signed on to the project are judging which essays are the most provocative and compelling and which should be "booted off the stage."

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Fulbright institute beckons ASU's Fellner to Bulgaria

Dan Fellner, a faculty associate in the School of Applied Arts and Sciences, and Walter Cronkite School of Journalism and Mass Communication, has been selected to teach a course in public relations at the Fulbright International Summer Institute (FISI) in Tryavna, Bulgaria.

FISI is an academic and cultural program created by the Bulgarian-American Fulbright Commission in 2002 that offers one-week intensive



Dan Fellner

courses in a wide variety of subject areas.

From Aug. 11-15, Fellner will be teaching a course called "Public Relations: It Can Make or Break an Organization." More than 30 students from 11 countries have enrolled in his course.

This will be Fellner's fifth teaching stint in Eastern Europe. As a Fulbright scholar in Latvia and Moldova, and a Fulbright senior specialist in Lithuania, he has taught university courses in journalism and public relations and conducted training programs for media professionals.

Fellner has more than 25 years of experience in corporate public relations, television news and university teaching. He has been a faculty associate at ASU since 1998 and owns a public relations consulting business.

On the way to Bulgaria, Fellner plans to stop in Kosovo to visit the "world's newest country." Fellner, who teaches a course at ASU's Polytechnic campus titled International Mass Communication, says "these kinds of trips give me a lot of fodder for class discussions."

Since the collapse of the Soviet Union, media systems in Eastern Europe basically have been built from scratch, Fellner says.

The trip is funded by the Humanities and Arts program at the Polytechnic campus, and ASU's Melikian Center for Russian, Eurasian and East European Studies, of which Fellner is a faculty affiliate.

ASU joins project to improve health of Asian-Pacific Islander community

ASU's Center for Health Information & Research (CHIR) is now part of a coalition organized to improve the health of the Asian-Pacific Islander community in Maricopa County.

There are more than 120,000 Asian-Americans, Pacific Islanders and Native Americans residing in the county, according to 2007 estimates by the Arizona Department of Economic Security and the Department of Health Services.

CHIR has been awarded a subcontract to work with the Asian Pacific Community in Action (APCA) group through a grant from the Asian & Pacific Islander American Health Forum and the W. K. Kellogg Foundation.

The grant, titled "Health Through Action for Asian Americans, Native Hawaiians and Pacific Islanders," represents the first time that a private national foundation has formed a partnership with a national Asian and Pacific Islander organization to address health disparities.

APCA, the only nonprofit agency established to improve the

health and well-being of the Asian-Pacific Islander community in Maricopa County, is one of eight community organizations in the United States to be awarded a Health Through Action grant of \$600,000 each over four years.

APCA will use the funding to collaborate with CHIR, the Arizona Cancer Registry of the Arizona Department of Health Services and other partners to develop a data system to track the health status and needs of the Asian-Pacific Islander community and the use of health services. APCA also will develop and implement a cancer screening and prevention plan.

CHIR is a research group in the Department of Biomedical Informatics in the School of Computing and Informatics, a part of ASU's Ira A. Fulton School of Engineering.

The center, which focuses on studies of health and health care in Arizona, is the home of Arizona HealthQuery, a database containing health information on millions of individuals who have received health care in Arizona.

By forming a partnership with APCA, CHIR is expanding its mission of providing communitywide health information to assist efforts to improve the health of ethnic minorities.

"This effort is one of several CHIR projects devoted to the examination of disparities in health care," says Bill Johnson, director of CHIR. "It also is one of many examples of the community-university partnerships forged by CHIR."

"We are extremely fortunate to have CHIR as a partner in this project," adds Doug Hirano, APCA's executive director. "One of the key components of our initiative is to build a solid understanding of the health behaviors and health care use patterns of the local Asian and Pacific Islander residents. With its massive database, CHIR will be a key source of this information."

A full report on the health of Asian-Pacific Islanders in the county will be issued in the second year of the project.

For more information, send an e-mail to chir@asu.edu.

ASU makes Princeton Review's list of top 'green' universities in U.S.

(Continued from page 1)

beyond academic tradition to produce knowledge and discover solutions to global problems of sustainability.”

With Wrigley's support, ASU's Global Institute of Sustainability was established in 2004 as the hub of the university's sustainability initiatives. The institute advances research, education and business practices for an urbanizing world. Its School of Sustainability, the first of its kind in the United States, offers transdisciplinary degree programs that advance practical solutions to environmental, economic and social challenges.

“Since 2004, ASU has been fully engaged in a massive effort to focus the nation's largest university directly down a path toward sustainability in all we do,” says Jonathan Fink, the Julie Ann Wrigley Director at ASU's Global Institute of Sustainability and the university's sustainability officer. “With momentum gathering on our current initiatives to deploy solar power on all four campuses, create highly efficient buildings, launch a first-of-its-kind School of Sustainability, and support a transdisciplinary research federation dedicated to finding sustainable solutions for issues of energy, water, urbanization and climate change, we are justifiably excited about the future both for Arizona and the world.”

“ASU and its School of Sustainability have a bold, comprehensive approach to sustainability-related education,” adds Charles Redman, director of the School of Sustain-

ability. “We are engaged in a global-survival experiment, in a time when sustainable solutions must be envisioned and implemented. While we realize we have a distance to travel to fully reach our goals of educating the first generation of sustainability students, applying advanced research to the grand challenges of sustainability, and operating our campuses with carbon neutrality and zero waste, we are pleased to be recognized for our ambitious vision of the future and our remarkable accomplishments in just a few short years.”

The Princeton Review developed the ratings in consultation with ecoAmerica (www.ecoamerica.org), a nonprofit environmental marketing agency.

The criteria for the rating (which ecoAmerica helped formulate along with the rating's data collection survey and methodology) cover three broad areas, including:

- Whether the school's students have a campus quality of life that is healthy and sustainable.
- How well the school is preparing its students for employment and citizenship in a world defined by environmental challenges.
- The school's overall commitment to environmental issues.

The institutional survey for the rating included questions on everything from energy use, recycling, food, buildings and transportation to academic offerings (availability of environmental studies degrees and courses) and action plans

and goals concerning greenhouse gas emission reductions.

“The ‘green’ movement on college campuses is far more than an Earth Day recycling project or a dining hall menu of organic food,” says Robert Franek, vice president and publisher at the Princeton Review. “The commitment that many colleges and their student bodies have made to environmental issues – indeed, to the environment – in their practices, use of resources, and academic and research programs is truly compelling. We are pleased to play a role in helping students identify, get into and study at these schools. It is the students of today who will face – and, hopefully, find solutions for – the enormous environmental challenges confronting our planet's future.”

Franek notes the rising interest among students in attending schools that practice, teach and support environmentally responsible choices. Among 10,300 college applicants and parents of applicants surveyed by the Princeton Review this year for its annual “College Hopes & Worries Survey,” 63 percent of respondents overall said they would value having information about a college's commitment to the environment.

Adds Lee Bodner, executive director of ecoAmerica: “Forward-looking colleges and universities see the alignment between policies that are both good for the environment and good for students.”

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Algae jet fuel makes splash at international air show

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The company has committed a \$225,000 grant to support ongoing algae research at ASU, and to provide three scholarships for graduate students.

“The experience was very positive, because most shows are too technical for the public,” Hu says. “With the live algae, we can explain to children and families how algae grow, and how we extract the oil and convert it to jet fuel.”

Hu and Sommerfeld were a big hit with children – and they also attracted the attention of aviation business leaders and engineers. The two researchers earned an immediate nod from Boeing to keep a presence at the air show.

“Not many people knew about ASU,” Sommerfeld says. “However, they expressed great interest in the growing algae and the potential it has for production of oil that can be used for transportation fuel, especially since using algae eliminates the problem associated with converting crop foods to fuel.”

The use of algae for multiple applications has several appeals, including:

- Algal oil is very similar to other vegetable oils, but its yield is projected at 100 times that of soybean per acre of land on an annual basis.
- Unlike other plants, algae reproduce quickly without roots and stems, and they never go dormant.
- Algae can remove carbon dioxide from power plant emissions and recover nutrients from wastewater.

According to Hu, the technology to help algae reproduce effectively is still five years away.

“The critical issue is the biomass feedstock, not oil conversion,” Hu says. “To bring the cost down we need much more breakthroughs and innovations. Bioreactors are expensive at this stage. We need a cost-efficient way to sustain high growth.”

Once algae reach a critical mass, traditional methods can be used to extract oil from the plants. In turn, these oils can be refined into gasoline, biopolymers and jet fuel.

So what's next in the process of making jet fuel from algae?

“Our effort will be geared to developing a pilot-scale facility that will enable us to integrate various components of oil production and evaluate the economics of the process,” Sommerfeld says. “Since ASU is a leader in developing approaches to sustainability, it could, for example, incorporate



ASU researchers Milton Sommerfeld and Qiang Hu shared their findings on the application of algae-based oils for creating biofuels at the Farnborough International Air Show July 14-20.

the use of algae-produced biofuels on some of its vehicles over the next several years as our production increases.”

Hu and Sommerfeld are the co-directors of the Laboratory for Algae Research & Biotechnology (LARB) at the Polytechnic campus. The duo has been able to take their combined 40-plus years of research with algae and apply it to use in air and water remediation, alternative fuels and animal feed. Considered a nuisance by many, algae have the potential to someday become an environmentally sound substitute for crude oil.

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Center's new process improves flexible displays

(Continued from page 1)

“Most of the technology development in our pilot line environment is realized through steady improvements over several cycles of learning,” says Greg Raupp, director of FDC. “In this case, integrated learning came together as we viewed the entire flexible substrate system of carrier, adhesive, substrate, planarization and associated process protocols to point to a directed solution that yielded a dramatic technical advance.”

The FDC thin-film transistors are produced using the highest semiconductor and gate-dielectric deposition temperatures reported for a process on Teonex PEN. The higher temperatures permit the fabrication of transistors with higher on-off ratio, better sub-threshold slope, and – most importantly – greater bias-stress stability. These performance characteristics translate directly into higher pixel densities for enhanced display resolution, and an enlarged number of grey levels for improved image quality.

The ability to produce high-quality arrays of thin-film transistors with low defects is aided by the use of DTF's planarized Teonex PEN, which has been developed to meet the needs of demanding display applications. The temporarily bonded Teonex PEN with its newly developed planarization coating provides a surface smooth enough and sufficiently defect-free to enable the fabrication of micrometer-scale electronics.

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Nationally renowned financial leader Olsen leaves Purdue to join ASU

(Continued from page 1)

spected for his solid business sense, but also known for his initiative and creativity.”

In his current position, Olsen oversees finances and operations on Purdue's main campus in West Lafayette in addition to three regional campuses comprising more than 70,000 students.

Among his accomplishments over four years at Purdue, he oversaw the completion of 28 major new capital projects, reflecting a \$409 million investment adding 1.8 million gross square feet; directed a campus master planning process to ensure that each of the four Purdue system campuses has a long-range physical development plan that enables its strategic plan and institutional mission; and implemented a strategy to fund Purdue's substantial deferred maintenance backlog, resulting in more than \$139 million in funding to date.

Olsen also oversaw the \$87 million OnePurdue project, implementing new enterprise computing systems for finance, human resources and student information.

As treasurer, he led the Purdue Endowment investment committee in diversifying the \$1.8 billion endowment's asset allocation to include a global range of investments, improving returns while reducing volatility.

“I am very fortunate to be moving from one great univer-

sity to another,” Olsen says. “I have truly enjoyed my work at Purdue University. It has been a privilege and an honor to be a part of this great institution, and to work with so many talented people. I am excited about the many opportunities at Arizona State University. ASU is a dynamic institution that is growing rapidly and becoming even better under President Michael Crow's visionary leadership, and I look forward to joining his team. On a personal level, my family and I are very excited about moving to a part of the country that we have always enjoyed visiting, and where we have family.”

Olsen, who serves on the board of directors of the United Educators Insurance Co., recently completed a seven-year term on the board of the National Association of College and University Business Officers (NACUBO), and he is the immediate past chair of NACUBO. He is a past president of the Central Association of College and University Business Officers, and also holds memberships in EDUCAUSE and the Society for College and University Planning.

Before joining Purdue, Olsen served as vice president for business and finance at Southern Methodist University in Dallas, vice president for business affairs and treasurer and associate professor at Eastern Illinois University, and vice president and chief business officer at Emporia State University in Kansas.

Olsen, a Bismarck, N.D., native, earned a bachelor's degree (summa cum laude) and master's degree in public administration from the University of North Dakota, where he was inducted into Phi Beta Kappa. He earned his doctorate in higher education from the University of Kansas.

Speaking about retiring executive vice president Carol Campbell, Crow says: “ASU has been privileged to have exceptional leadership from Carol Campbell, and her accomplishments in just a few short years have helped ensure the university's future for decades to come. Her successor, Morgan Olsen, will continue her leadership in guiding the university through continued growth and expansion.”

Campbell says that while she is “sad to be leaving ASU,” she believes the university has chosen the right person to manage its operations.

“Morgan Olsen is recognized as a national leader among his peers,” Campbell says. “His experience at such an exceptional institution as Purdue University positions him perfectly to help ASU meet the challenges it currently faces, as well as those that lie head in its bright and exciting future.”

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ASU professor contributes to Antislavery Literature Project's Web site

By Judith Smith

For a mind-boggling experience, go to <http://edsitement.neh.gov>. There, with just a click of the mouse, you will find dozens of Web sites covering art and culture, literature and language arts, foreign languages and history and social studies.

You can learn about U.S. naval history and take a virtual tour of the U.S.S. Constitution; see a virtual model of the Roman Forum as it would have appeared in 400 A.D.; learn about family life in Illinois from 1700 to the present; read the diary of Martha Ballard, an 18th century midwife; learn about the musical traditions of the Mississippi River; hear recordings made between 1940 and 1973 by six American presidents; and much more.

And now, thanks to the work of Joe Lockard, an associate professor of English at ASU, visitors to the EDSITement Web site can learn a great deal about antislavery literature.

The Antislavery Literature Project's site at <http://antislavery.eserver.org>, which is a collaboration between Lockard and scholars at Iowa State University and Harvard University, as well as affiliates and advisers at 15 universities,

has been selected in a national contest as "one of the best online resources for education in the humanities." The project is included on the EDSITement Web site, which is maintained by the National Endowment for the Humanities (NEH).

Lockard says he doesn't know who nominated the Antislavery Literature Project site.

"Notification from the NEH came out of the blue, a complete surprise," he says. "I presume one of the project's friends thought this was a good idea."

To be included in EDSITement, Web sites must meet a long list of criteria.

"EDSITEment, with NEH and the Verizon Foundation's Thinkfinity as its partners, serves as a gateway to the highest-quality humanities-related educational content on the Internet," says Michael Hall of EDSITement's peer review panel. "It provides a central resource bank for teachers, parents and students across the country seeking excellent humanities sites from among the thousands of educational sites now available on the Internet. EDSITement provides lesson plans, a special section for educators, a monthly

calendar, 'This Month's Feature,' the 'NEH Spotlight' and a search engine. EDSITement typically gets more than 400,000 visitors per month."

The Antislavery Literature Project site "met the EDSITement criteria for intellectual quality, content, design, and most importantly, classroom impact," Hall says.

The project's Web site is almost as diverse as EDSITement itself. There are sections for children's literature, poetry, prose, travel accounts, tracts, essays, speeches and contemporary slave narratives, and visitors can view videos or listen to podcasts.

There is even a little music. The Antislavery Ensemble, an ad-hoc choir of ASU faculty and graduate students directed by ASU music professor Kay Norton, recorded a variety of abolitionist choral music.

How did all of this come about?

Lockard became interested in the field of antislavery literature when he was a graduate student in the early 1990s.

"I researched and eventually published an historicized re-edition of Mattie Griffith's 1856

novel, a pseudo-slave narrative titled 'Autobiography of a Female Slave,'" he says. "I wanted to understand why a white Kentucky woman – who turned out to be a slave owner – would write an antislavery novel in the voice of an enslaved black woman.

"The author's biography turned out to be fascinating, particularly because she became a respected abolitionist. So I realized there was an enormous amount of similar literary research that needed work, and I began working in the field.

"Most often, the only piece of antislavery literature students or teachers have encountered is Harriet Beecher Stowe's novel 'Uncle Tom's Cabin.' Yet there is a huge body of antislavery literature that had massive distribution."

The Antislavery project's Web site already is busy, with about 65,000 unique visits per month from more than 100 countries, including France, the United Kingdom and China.

Now that it's listed on EDSITement, the tally is certain to rise.

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