

## INSIDE INSIGHT

**Founders' Day** 2  
Event puts Challenges Project in spotlight

**For the first time** 3  
Inaugural Shoen Lecture set for Feb. 26

**In Print** 7  
New books by ASU faculty, staff members

**Global showcase** 8  
Events highlight ASU-Sichuan University ties

### Aiming to help

Cities, towns, and counties throughout the United States are facing the deepest and most severe economic downturn in 50 years. For the first time in the post-World War II era, the crisis has dramatically affected all levels of government, and extraordinary action is required to maintain critical public services in the face of dwindling revenues.

A new report, titled "Navigating the Fiscal Crisis: Tested Strategies for Local Government Leaders," analyzes previous recessions and highlights the actions local governments have taken to alleviate such crises.

The report was commissioned by ICMA, the organization that advances professional local government management worldwide, and developed by researchers at the Alliance for Innovation (a partnership of ICMA, the Innovation Groups and ASU).

The report explains how many jurisdictions achieve excellence in the face of adversity, and it identifies strategies local leaders can use to navigate today's challenge and turn crisis into opportunity.

For a copy of the report, visit the Navigating Fiscal Crisis wiki site online at [www.transformgov.org/FiscalCrisis.aspx?id=2128](http://www.transformgov.org/FiscalCrisis.aspx?id=2128).

### ASU on the Web

To cope with a severe budget shortfall, university leadership has approved the implementation of a mandatory unpaid furlough program.

The mandatory furlough program will be implemented between Jan. 30 and June 30. It affects all university employees, with the exception of student workers, post-doctoral researchers, faculty associates or teaching assistants.

The university will not shut down during this difficult economic time. University leadership is committed to our students and to our vision to be the New American University, and ASU will continue to offer students the high-quality education they expect and deserve.

For more information on how the furlough program works, visit the Web site [www.asu.edu/hr/furlough/index.html](http://www.asu.edu/hr/furlough/index.html).

As of Jan. 30, the Arizona State Credit Union is working with ASU employees who are credit union members to determine how to assist them during this furlough period. For more information on available options, visit the Web site [www.asu.edu/hr/furlough/financial.html](http://www.asu.edu/hr/furlough/financial.html).

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

More than 500 Valley middle school students participated Jan. 29 in the March on West event at ASU's West campus. The event is an annual re-enactment of the 1963 March on Washington, which provided the setting for civil rights leader Martin Luther King Jr.'s "I Have a Dream" speech.

TOM STORY PHOTO



## AMERICAN CULTURE

### ASU students celebrate Black History Month

By Sarah Auffret

Performances, food festivals and speakers will commemorate Black History Month at the ASU campuses this month. Students have organized most of the events, which celebrate black culture and history in America.

Toni Blackman, a musical performer who uses hip-hop music to promote positive images and encourage social responsibility and activism, will be the keynote speaker at 6 p.m., Feb. 9, on the Tempe campus in the Coor Building 170. She will speak on "The Intersection of Hip Hop, Education and Activism." Her talk is free and open to the public.

Blackman is the first hip-hop artist chosen to work as an American cultural specialist by the U.S. Department of State. She has had residencies throughout Africa and has toured Southeast Asia as a musical ambassador for the Jazz at Lincoln Center program.

Also in Tempe, students are sponsoring a Soul Food Festival from noon to 2 p.m., Feb. 11, on Hayden Lawn and a play at 6 p.m., Feb. 26, in the Memorial Union Pima Room. The student organizers are members of S.T.A.R.S., a student success organization.

The West campus will conduct a Gumbo Challenge Feb. 7 and an invitational summit for African-American high school students Feb. 10 in La Sala. For details on the Gumbo Challenge, contact Jenny Davis at [jenny.davis@asu.edu](mailto:jenny.davis@asu.edu).

Other events at West include an art reception and opening of new work by artist and professor Leandro Soto at 6 p.m., Feb. 12, in the IAP Art Gallery; a theatrical production of "House With No Walls" Feb. 12-15 and Feb. 19-21 at Second Stage West; an inspirational presentation by Fatimah Halim, president of Life Paradigms, and Alonzo Jones, ASU associate dean of student affairs, at 7 p.m., Feb. 17, in La Sala; and a one-hour sneak preview of the upcoming documentary about the plays of the late August Wilson, at 7:30 p.m., Feb. 25, in La Sala.

Jean Williams, a lawyer who became Arizona's first African-American woman judge, will be honored at a Pioneer Award Dinner at 6 p.m., Feb. 28, in La Sala. In the 1960s, Williams defended more than 1,000 cases arising from civil rights marches. To R.S.V.P. for the dinner, call (602) 543-5311.

Polytechnic campus events include a workshop by Toni Blackman from 2 p.m. to 6 p.m., Feb. 10, in the Union Annex Ballroom, teaching (See ASU STUDENTS on page 6)

## Researchers: Stroke drug could cut risk of Alzheimer's

By Skip Derra

A drug used to improve blood flow to the brain also could help improve learning and memory and reduce the risk of Alzheimer's disease, according to a new study by a team of Arizona scientists, including two researchers from ASU.

Hydroxyfasudil, also known as Fasudil, has been used for more than 10 years to help protect the brain in stroke patients by dilating blood vessels when blood flow is curtailed.

Now, a team of Arizona psychologists, geneticists and neuroscientists report in the current issue of the journal *Behavioral Neuroscience* that hydroxyfasudil improved spatial learning and working memory in middle-aged rats when negotiating a complicated maze. The findings suggest that hydroxyfasudil could be involved in similar cognitive processes in humans involving the hippocampus, a part of the brain that has been shown to decline in patients with age-related disorders.

"Fasudil shows great promise as a cognitive enhancer during aging," said Heather Bimonte-Nelson, a co-author of the *Behavioral Neuroscience* paper and an ASU assistant professor of psychology. "The effects in our aging-animal model were robust, showing enhancements in both learning and two measures of memory. The possibility that these findings may translate to benefits to human brain health and function is very exciting."

"If Fasudil proves to be safe and effective in enhancing learning and memory, it could represent a viable new option for the prophylactic treatment of disorders with a cognitive decline component," adds Matthew Huentelman, one of the authors and a member of TGen in Phoenix. "This could include diseases like Alzheimer's, as well as general age-related impairment."

Clinical trials are being explored in the areas of cognitive impairment and dementia, the researchers say.

Although far from proving anything about human use of the drug, the findings support the scientific quest for a substance that could treat progressive cognitive impairment (See RESEARCHERS on page 6)



Heather Bimonte-Nelson

## Vaccines use salmonella to fight infant pneumonia

Biodesign Institute's Curtiss publishes study

By Richard Harth

One of the major challenges in modern vaccinology is to engineer vectors that are highly infectious, yet don't cause illness. It's even trickier to ensure that such weapons against infectious disease can be safely disarmed, once their immunogenic work is done.

Roy Curtiss, an investigator of vaccines and infectious diseases at ASU's Biodesign Institute, has pursued these goals for 30 years.

In his most recent study, published recently in the *Proceedings of the Na-*

*tional Academy of Science*, Curtiss and his research team have unveiled what may prove a winning strategy in the fight against infant bacterial pneumonia.

Two new vaccine strains designed in his lab draw on the properties of an unlikely vaccine carrier — one generally associated with causing sickness rather than safeguarding the body against it. Salmonella typhimurium, a rod-

shaped, motile pathogen, is one of more than 2,000 strains or serotypes of the salmonella constellation of bacteria. They are responsible for causing serious, sometimes fatal diseases, to which children less than 2 years old are particularly vulnerable.

Given this fact, salmonella's choice as the principal component in a new vaccine for babies has been something of a hard sell. "People said, 'You've got to be kidding,'" Curtiss says. He notes that, 20 years ago, salmonella outbreaks were a grave concern in nurseries and hospitals, sometimes leading to the deaths of more than half the

children in such facilities. Salmonella strains are violently infectious, ransacking the body's defenses, as anyone who has suffered a bout of food poisoning can attest. Curtiss hopes to recruit salmonella's appetite for infection and use it to speed delivery of a suite of key antigens — surface proteins of *Streptococcus pneumoniae*, the causative agent of bacterial pneumonia. In the body, such antigens stimulate an immune response, but the additional pathogenic ingredients necessary to cause the disease are absent.

Such next-generation vaccine candidates (See CURTISS' on page 7)



Roy Curtiss

## Teacher-training technology earns national award

By Matt Crum

The innovative use of technology to help produce more effective teachers in metropolitan Phoenix and across Arizona has earned a prestigious national award for ASU's College of Teacher Education and Leadership (CTEL).

CTEL is the 2009 recipient of the Best Practice Award for the Innovative Use of Technology from the American Association of Colleges for Teacher Education (AACTE).

This is CTEL's second AACTE award within two years. The college received the Best Practice Award for Effective Partnerships in 2007.

"Receiving this award is another indication that our efforts in long-distance learning, reaching out to underserved communities and providing the leadership in education critical to future generations is working – and being recognized for its successes," says ASU President Michael Crow. "Our state-of-the-art distance-learning system that helps ASU educators reach high-need and hard-to-reach schoolchildren and professionals exemplifies the access, excellence and impact we emphasize at ASU. Students and faculty are making a difference in Arizona education in ways that reflect the best of the New American University."

"CTEL faculty members view technology as a valuable tool that can improve teaching techniques in their own classrooms and ultimately in the K-12 classrooms of the teachers they prepare," says Mari Koerner, CTEL's dean. "Technology also helps us bring high-quality educational offerings to current and future teachers and school administrators."

Cutting-edge, two-way video and online distance education techniques are employed in programs that provide high-need school districts with initial teacher preparation and professional development programs.

Interactive video technology brings CTEL's Professional Development School (PDS) program to locations including Chinle and Douglas. PDS trains aspiring elementary and middle school teachers in low-income, ethnically diverse schools, enabling participants to stay in their communities as they each pursue a degree and teaching certificate. The PDS model has been expanded to teach future special education teachers and to provide leadership training to current and aspiring principals in high-poverty urban and rural districts around the state. Video technology also gives working teachers access to CTEL's Content Academy, broadening their knowledge base in math, science and reading.

AACTE is a national alliance of 800 educator preparation programs at public and private colleges and universities in every state, the District of Columbia, the Virgin Islands, Puerto Rico and Guam. Information is available online at [www.aacte.org](http://www.aacte.org).

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

## Feb. 16 marks 7th annual 'We Love ASU Collections'

By Judith Smith

Feb. 16 is Presidents' Day – and it's also a day for celebrating art and culture at ASU.

The Museums, Galleries & Collections Committee will sponsor its seventh annual "We Love ASU Collections" from 9:30 a.m. to 4 p.m. that day, with guided tours of 10 museums, galleries and collections on the Tempe campus. The open house is free and open to the public.

Tour maps will be available from 9 a.m. to 4 p.m. at an information table behind Old Main. Coffee and pastries will be served there beginning at 9 a.m., and participants can enjoy free water at Old Main following the tours. Visitors can take a self-guided tour of Old Main that day, too.

There also will be door prizes, including handmade greeting cards by Kaye Lamb, a T-shirt from the Deer Valley Rock Art Center and books from the Arizona Historical Foundation.

The schedule is designed in staggered time slots. Guests also can visit any of the venues on their own during the day. The morning tour schedule includes:

## New online journal focuses on medieval art

By Judith Smith

With every decade that passes, the subject matter studied by medieval art historians recedes farther into the distant past.

But that doesn't stop these scholars from discussing and writing about their passion.

Nor does it stop them from publishing. Corine Schleif, a professor of art history in the Herberger College School of Art, is the editor of the inaugural edition of the new online journal *Different Visions: A Journal of New Perspectives on Medieval Art*.

The first edition, titled "Triangulating Our Vision," features Schleif's essay, titled "Introduction or Conclusion: Are We Still Being Historical? Exposing the Ehenheim Epitaph Using History and Theory."

"This edition is dedicated to Madeline H. Caviness's triangulatory approach to medieval art," Schleif says. "It aims to rekindle discussions about methodology and the use of critical theory together with considerations of historical context."

So what does this mean to the average person who travels to Europe to gaze at the windows in the Chartres Cathedral, or view other religious works of art, such as Jan van Eyck's "Ghent Altarpiece"? "The triangulatory approach stresses using not just theoretical insights, and not just historical facts and dates, but both – not one without the other," Schleif says. "It proposes opening up works of art from the Middle Ages not for their own sake, but for audiences of today."

In other words, Schleif says, the approach "shows how works of art from the past can be used to discuss the issues that engage us today: religion, race, the inven-

tion of whiteness, the alignment of whiteness with good, and darkness or blackness with evil."

An example is the use of whiteness in medieval stained glass. In her article, "From the Self-Invention of the Whiteman in the Thirteenth Century to the Good, the Bad and the Ugly," Caviness explains, "in the later Middle Ages, saints in paradise gleam as white as their garments. By then, it had become the norm for glass painters to use colorless glass instead of flesh tints. A virginal saint might be celebrated in enamels, with a pearly complexion and 'pure' white garment. At some stage, Christians appropriated something of this sanctity by depicting their kind as truly 'white.'"

Did those medieval artists really mean to imply goodness through whiteness?

"We can't go back in time to ask the artists what they meant," Schleif says. "We can only open the works of art through theory, for us today. Only we count."

In her article, Schleif explores the relationships depicted in the "Ehenheim Epitaph," a panel measuring 113 centimeters by 102 centimeters, which has hung in the parish church of St. Lorenz in Nuremberg since it was painted following the death of vicar general Johannes von Ehenheim in 1438.

No archival records exist for this work, which shows Saint Lawrence, titular saint of the Nuremberg parish, Empress Cunegund and Emperor Henry II, saints of the Bamberg diocese, advocating for Ehenheim with Christ, portrayed on the right. In this painting, Christ alone stands

untouched and untouchable, but clad only in a filmy loincloth.

The inaugural issue of *Different Visions* includes articles from a variety of perspectives and disciplines.

"To promote the combined methods of theory and history, we invited well-known art historians, renowned scholars from related disciplines, and young scholars with fresh, new ideas," Schleif says.

In helping establish the e-journal, Schleif has learned a great deal about publishing.

"The e-journal has advantages and disadvantages," she says. "We can have many images, and it's not as expensive to reproduce them. But the image providers sometimes want to charge even more than for conventional books, and we have to remind them that these works are in the public domain – and that non-interpretive photographs are not under copyright. The e-journal is free and accessible – and, potentially, you can have feedback from other scholars."

She adds: "E-books are more work in some ways. More and more, scholars are required to take responsibility for editing and layout. But considering the status of publishing today, perhaps this increasing responsibility is good for scholars since it allows us to get our work out, and get it out faster. As medievalists, they're publishing less and less of our work."

To view *Different Visions: A Journal of New Perspectives on Medieval Art*, visit the Web site [www.differentvisions.org/one.html](http://www.differentvisions.org/one.html).

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

## Founders' Day event showcases Challenges Project

By Liz Massey

The ASU Alumni Association's 2009 Founders' Day signature event will mix a night honoring the founders of ASU's predecessor institution in 1885 with a dinner and awards ceremony that will showcase Sun Devils involved in solving the challenges that will shape the world.

The association's annual Founders' Day event will take place March 3 at Tempe's The Buttes, a Marriott Resort.

Founders' Day, first celebrated in 1964, traditionally has honored the actions of those who founded the Territorial Normal School in Tempe in 1885. It has recognized faculty, staff and alumni who acted in the spirit of those first supporters of higher education in the region.

This year, however, the synergy between the Founders' Day event – which typically draws a crowd of 600 or more – and the debut of the Challenges Project at ASU was inescapable, according to Christine Wilkinson, president of the Alumni Association.

"We had discussed the possibility of holding a joint event, and at some point it just became obvious that the most appropriate place to begin a universitywide discussion of what challenges will frame ASU's future efforts would be at Founders' Day," she says.

The Challenges Project at ASU is a way to focus attention on the most significant challenges facing Arizona and the world – and the

ways in which ASU is uniquely positioned to take on these challenges. The project crystallizes hundreds of individual educational and research initiatives into a compelling, cohesive communication of the university's purpose and value to society.

The honorees at this year's Founders' Day event will be alumni and ASU employees who are representative of those who will be involved in the Challenges Project, which is expected to have its official kickoff during Homecoming Week in November.

Individuals are invited to nominate faculty, staff or alumni who are making significant contributions to solving the world's great challenges. To submit a nomination, e-mail an individual's name and a brief paragraph about that person's accomplishments – and how that person's work supports solving the challenges – to [nancy.southern@asu.edu](mailto:nancy.southern@asu.edu) by Feb. 6.

Founders' Day will commence with a reception at 6 p.m., with dinner and awards following at 7 p.m. The cost of the event is \$125 for members of the Alumni Association and \$150 for non-members.

For more information, or to R.S.V.P., visit the Web site [www.asu.edu/foundersday](http://www.asu.edu/foundersday).

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

## ASU Insight

ASU Insight is published by Media Relations, a department within the Office of Public Affairs. ASU Insight is published on Fridays, except during university holidays and other times as deemed necessary by the Insight editorial board. Submit items typed, double-spaced. The editor reserves the right to edit for style and space. Send an e-mail to [asu.insight@asu.edu](mailto:asu.insight@asu.edu), fax (480) 965-2159 or send campus mail to 5011 – ASU Insight. To reach ASU Insight by telephone, call (480) 965-9689.

**Deadlines:** Submit all articles, notices and calendar items as early as possible. **Deadline is Friday before noon for the following Friday's paper.** Assistant Vice President: Terri Shafer Communications Manager:

Gary Campbell Editor/Publisher: John Jarvis Associate Editors: Lisa Campbell, Britt Engle Photographer: Tom Story

Printed on paper from Sustainable Forestry Initiative (SFI) certified mills and forests.

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

## Newsweek's Alter to share insights on presidency

By Sarah Auffret

Jonathan Alter, an award-winning *Newsweek* senior editor whose sharp insights on the presidential race have made him a familiar face on NBC broadcasts, will present a free public lecture at 6:30 p.m., Feb. 26, at the Tempe Center for the Arts.

"The New Defining Moment: Perspectives on the Presidency and Democracy" will include firsthand anecdotes of the 2008 campaign season, in which Alter was the first to predict Sen. Ted Kennedy, D-Mass., would endorse Barack Obama after a quarrel with former President Bill Clinton. Two years earlier, Alter broke the news that Obama would seek the presidency.

The witty journalist has been invited to ASU for five days as the John J. Rhodes Chair in Public Policy and American Institutions, teaching journalism and honors classes and meeting with faculty and students. His visit is sponsored by Barrett, the ASU Honors College.



Jonathan Alter

Alter is known as an entertaining and compelling speaker, and he offers a view of national and world affairs – and how media and politics interact. He also has written extensively over the years about terrorism, anti-Semitism, at-risk children, national service, his own battle with cancer and a wide variety of other issues. He ap-

In addition to visiting student classrooms at three ASU campuses, Alter will appear in a public conversation with professor Joseph Russomanno at the Walter Cronkite School of Journalism at 5:30 p.m., Feb. 24, in the First Amendment Forum.

Tickets for the lecture are available at the Tempe Center for the Arts box office, 700 W. Rio Salado in Tempe, or online at [www.tempe.gov/tca/Calendar.htm](http://www.tempe.gov/tca/Calendar.htm). A small processing fee applies.

For nearly two decades, Alter has written a widely acclaimed column that examines politics, media and social and global issues. His 2006 book, "The Defining Moment: FDR's Hundred Days and the Triumph of Hope," was a national best-seller. At *Newsweek*, he helps shape news coverage and writes a weekly "Conventional Wisdom Watch" that uses arrows to measure and lampoon the news.

Alter is known as an entertaining and compelling speaker, and he offers a view of national and world affairs – and how media and politics interact. He also has written extensively over the years about terrorism, anti-Semitism, at-risk children, national service, his own battle with cancer and a wide variety of other issues. He ap-

## Robinson to give first-ever Shoen Lecture at ASU

By Judy Nichols

Paul Robinson, one of the world's leading scholars on criminal law, will give the first Edward J. Shoen Leading Scholars Lecture at ASU's Sandra Day O'Connor College of Law.

Robinson, the Colin S. Diver Professor of Law at the University of Pennsylvania Law School, will speak on "The Ongoing Revolution in Punishment Theory: Doing Justice as Controlling Crime," at noon, Feb. 26, in the Great Hall in Armstrong Hall on ASU's Tempe campus.

The lecture is presented by the Arizona State Law Journal, which will publish the address in its next edition.

"Our new lecture series will elevate the standing of the journal and the College of Law by publishing work by prominent legal scholars from the finest law schools," says Ed Gonzalez, a third-year law student and editor-in-chief of the journal.

The new lecture is named in honor of Edward J. "Joe" Shoen, chairman and chief executive officer of AMERCO, the parent company of the U-Haul system. Shoen, who graduated from the College of Law in 1981, also earned a master's degree in business administration from Harvard Business School and is a graduate of the College of the Holy Cross in Worcester, Mass.

Shoen, his wife, Sylvia, and five children all live in Phoenix. "It is an honor to be associated with the Leading Scholars Lecture," Shoen says. "I am reminded once more of my obligation to step up, take a hard look and try to understand. I have always tried to work hard and not learn any tricks. Good scholarship stresses personally doing the research and the field work."

"The new Shoen Leading Scholars Lecture series will allow the College of Law to bring to campus some of the leading minds in the legal academy to present major new works, and then set those scholars in dialogue with others," says Paul Schiff Berman, dean of the College of Law. "This is the kind of high-level, multifaceted conversation that law journals and law schools should be fostering, and I am therefore very pleased to begin this new series."



Paul Robinson

## Renowned philosopher to discuss Darwinism

"Darwin's Strange Inversion of Reasoning" is the topic of this year's signature lecture presented by the BEYOND Center for Fundamental Concepts in Science at ASU.

The lecture will be given by philosopher and author Daniel Dennett at 7:30 p.m., Feb. 18, in Galvin Playhouse on ASU's Tempe campus.

Dennett was propelled to international fame with his ground-breaking book "Consciousness Explained," widely cited as the most important contribution in modern times to the ancient mystery of consciousness, free will and the concept of self. Dennett's incisive account of how consciousness could arise from the interaction of physical processes in the brain singled him out as a champion of scientific reduction. His follow-up book, "Darwin's Dangerous Idea: Evolution and the Meanings of Life," continued in the same vein and fueled a debate concerning not only the power of Darwinian processes to explain biological complexity, but to "corrode" through an entire world view.

The book was a finalist for the 1995 Na-

tional Book Award in nonfiction.

His other titles include "Content and Consciousness," "Brainstorms," "Elbow Room," "The Intentional Stance," "Kinds of Minds" and his most recent book, "Breaking the Spell: Religion as a Natural Phenomenon."

Dennett is the writer of more than 300 scholarly articles on various aspects of the mind. He has published in journals including *Artificial Intelligence*, *Behavioral and Brain Sciences*, *Poetics Today*, *Journal of Aesthetics and Art Criticism*.

"Daniel Dennett is in high demand as one of the world's most respected and eloquent philosophers," says Paul Davies, ASU professor and founding director of the BEYOND Center in ASU's College of Liberal Arts and Sciences. "He has a reputation for selecting provocative themes that stir discussion and thought, and presenting them with elegance and lucidity."

The year's BEYOND lecture coincides with ASU's Darwinfest – a celebration of Darwin's 200th birthday and 150th anniversary of the publication of "On the

## 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.

A *Los Angeles Times* article discusses the prevailing dangers of DNA, noting that samples can be contaminated, mislabeled or switched in the lab, that labs have huge backlogs of untested evidence, and that debates have flared over civil rights and privacy in the collection and storage of DNA samples. ASU law professor Jay Koehler, who has studied lab error, estimated the rate of false DNA matches at about 1 in 1,000, whether they are caught or missed. "No one would ride on an airline that crashed one out of every 1,000 flights," Koehler says. *Los Angeles Times*, Dec. 26.

The public has seemed more interested in President Barack Obama's life than they have with past presidents, says ASU history professor Brooks Simpson. "Not just because of the modern media or anything like that," he says. "No one has had this sort of microscopic attention paid to such minutiae." But Simpson adds that it will be interesting to see how long the sheen lasts, citing other popular presidents that have taken a tumble as they started work. "We fall in love with these people," Simpson says. "We pretend we know them. And they disappoint us." *Arizona Republic*, Jan. 24.

Tempe-based Fulton Homes recently filed for Chapter 11 bankruptcy, and ASU adjunct law professor Randolph Haines notes the difficulties of filing for Chapter 11. Haines says companies need permission from a bank or the court to spend cash on hand to cover expenses and borrow new money to keep the business going through a reorganization plan. These steps are followed by a vote by creditors on the company's reorganization. Regarding Fulton Homes, Haines says, "Everybody's thought is, 'What's going to happen in the future? How good is this company going to be managed? What's going to happen to the marketplace?' It's difficult to project that." *East Valley Tribune*, Jan. 28.

Robert Cialdini, an ASU psychology professor, studies how to get Americans – even those who do not care about the environment – to lower energy consumption. And while there are many ways, Cialdini says, few are as effective as comparing people with their peers. "It is fundamental and primitive," he says. "The mere perception of the normal behavior of those around us is very powerful." *New York Times*, Jan. 30.

Fasudil, a drug used to treat people with vascular problems in the brain, appears to improve some learning and memory abilities in middle-aged rats, a new study says. "Fasudil shows great promise as a cognitive enhancer during aging," says study co-author Heather Bimonte-Nelson, an associate professor of psychology at ASU. "The effects in our aging animal model were robust, showing enhancements in both learning and two measures of memory. The possibility that these findings may translate to benefits to human brain health and function is very exciting." *Washington Post*, Feb. 2.

pears regularly as a commentator on NBC, MSNBC and CNBC broadcasts.

He achieved notoriety on election night 2000, when he went on the air to break the story about confusing "butterfly ballots" in Palm Beach County, Florida, which shaped the outcome of the election.

Alter, a graduate of Harvard, joined *Newsweek* as an associate editor in 1983 and became its media critic the following year. He was one of the first in the mainstream media to break tradition by holding news organizations accountable for their coverage.

He has earned many awards, including the John Bartlow Martin Award for his reporting on the death penalty and a first-place award from the National Association of Black Journalists for his commentary on Hurricane Katrina. His teams at *Newsweek* won the prestigious National Magazine Award for General Excellence three times.

The Rhodes Chair celebrates the public service career and contributions to civic life of John J. Rhodes, U.S. congressman whose career embodied personal integrity, fiscal responsibility, respect for persons and international farsightedness.

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

Robinson says he chose the topic because of the fascinating change in how we see criminal law.

Most states base their criminal statutes on a model penal code promulgated by the American Law Institute in 1962, a model code that hadn't changed for 47 years. But last year, the institute substantially amended the portion of the code that sets out the purposes of punishment.

"This is important, because it tells judges how they should interpret the codes – what they should take into account," Robinson says. "This change is an illustration of how punishment theory in the United States is in the midst of a significant revolution."

Robinson says that, as social scientists learned more about how criminal laws affect people's behaviors, they developed information about how rules work – and how they don't work.

In the 1950s, he says, clinical psychology was becoming a real science, and researchers were starting to understand the mental side of criminal conduct.

"As we have made scientific advances, our views changed," Robinson says. "More than 50 years ago, the system was about punishment and doing justice. In the 1960s and 1970s, we shifted away from punishment for punishment's sake and looked at criminal law as a crime-control device.

"Now, ironically, we have come full circle. We have found that the power of the criminal law to influence behavior is based on how it is perceived as a moral authority. When you undermine the system's reputation as a moral authority, it has crime-control costs."

Robinson says that, in some ways, drafters of last year's change to the model code were going back to the beginning.

"They stated that the first operating principal must be to do justice – no more, no less," he says. "Within those limits, if you're able to optimize deterrence, that's fine, but you can never do it in ways that are inconsistent with deserved punishment."

Robinson says this change has not yet filtered into the court system. "Judges are still doing what they were doing 10 years ago," he says. "Policymakers and academics are moving in that direction, but it will take several decades before everyday practice reflects that."

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



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

## Lectures

### Friday, Feb. 6

**"Design Inspired by Nature: A Conversation with Prasad Boradkar,"** 1:30-2:30 p.m., Bidesign Institute Auditorium. Speaker: Prasad Boradkar, director of InnovationSpace and associate professor in the College of Design at ASU. Sponsored by Biological Design Graduate Program. Information: (480) 727-0370.

**"Is Darwinism Past Its 'Sell By' Date?"** 2 p.m., Life Sciences Center (LS) E-104. Speaker: Michael Ruse, Lucyle T. Werkmeister Professor of Philosophy, director of the Program in History and Philosophy of Science, Florida State University. Sponsored by School of Life Sciences. Ruse will sign copies of his book, "Evolution: The Next Four Billion Years" following the lecture. Information: <http://darwin.asu.edu/distinguished.php>.

**"Mixing and Separation in Micro-scales,"** 2:30-3:30 p.m., Schwada Classroom Office Building (SCOB) room 252. Speaker: Kang Ping Chen, ASU. Sponsored by Mechanical and Aerospace Engineering Department. Information: (480) 727-0476.

**"Secondary Organic Aerosol Formation Through Aqueous Photochemistry,"** 3:30 p.m., Bateman Physical Sciences Center (PS) H-150. Speaker: Barbara Turpin, Department of Environmental Science, Rutgers University. Sponsored by Department of Chemistry and Biochemistry. Information: (480) 965-2093.

### Saturday, Feb. 7

**"The Music and Ritual of Arizona's Native Americans,"** 1-2 p.m., Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix. Speaker: composer and scholar Jay Cravath. Information: (623) 582-8007.

### Monday, Feb. 9

**"On the Origin of Our Species: Darwin and Human Evolution,"** 3-5:30 p.m., Memorial Union (MU) Pima Auditorium (230). Speaker: Darwin Distinguished Lecture Series speaker and eminent George Washington University paleontologist Bernard Wood. Discussion follows. Part of ASU Darwinfest. Information: (480) 727-8934.

### Tuesday, Feb. 10

**"Darwin's Birthday Suit: The Evolution of Human Skin and Skin Color,"** 3-4 p.m., MU Union Stage (085). Speaker: Darwin Distinguished Lecture Series speaker and author of "Skin," eminent Penn State University anthropologist Nina Jablonski. Panel discussion follows. Part of ASU Darwinfest. Information: (480) 727-8934.

**"Darwin, Race, Misconceptions and Manipulations,"** 4-5 p.m., MU Union Stage (085). A panel discussion conducted by the ASU's Black Graduate Student Association (BGS), the School of Life Sciences and the Institute for Human Origins. This is a discussion that will range from the study of Darwin and human evolution to what "biological race" in humans means. Part of ASU Darwinfest. Information: (480) 727-8934.

**"Some Theoretical and Computational Problems in Geophysical Fluid Dynamics,"** 4:20-5:20 p.m., PS A-106. Speaker: Roger Temam, Indiana University. Part of Distinguished Lecture Series sponsored by the Department of Mathematics and Statistics. Refreshments served at 3:50 p.m. in PSA 206. Information: [irina@asu.edu](mailto:irina@asu.edu) or <http://math.asu.edu/colloquium/index.html>.

**"What's changed for Women in the Sciences since Darwin?"** 5-6:30 p.m., MU Union Stage (085). A panel discussion with faculty members Jane Maienschein, Susanne Neuer, Bianca Bernstein, Nicole Herbots and Marigold Linton, and graduate student Minalini Muralidharan. Part of ASU Darwinfest. Information: (480) 727-8934.

**"Dorothy Day: Her Message for Our Times,"** 7 p.m., All Saints Catholic Newman Center, 230 E. University Drive. \$5 donation requested. Part of February Faithfest, sponsored by the Office of Student Life and Council of Religious Advisers. Information: (480) 965-6547.

**"What would Nature Do? Biomimicry as a Path to Sustainability,"** 7 p.m., MU Arizona Ballroom (221). Speaker: Janine Benyus, author of "Biomimicry: Innovation Inspired by Nature." Sponsored by InnovationSpace in cooperation with the Global Institute of Sustainability with support from the National Collegiate Inventors & Innovators Alliance and Entrepreneurship at ASU. (480) 965-6367.

### Wednesday, Feb. 11

**"A Life 'Out on the Edge': Celebrating the Imagination, Humor and Compassion of Kurt Vonnegut,"** 10:15 a.m.-2 p.m., Durham Language and Literature Building (LL) room 316. Speaker: English lecturer and science fiction editor Paul Cook. The lecture will be followed by a showing of the film "Breakfast of Champions," based on Vonnegut's 1973 novel. Breakfast will be served. Sponsored by the English Club. Information: [Ginger.Hanson@asu.edu](mailto:Ginger.Hanson@asu.edu) or (480) 965-7611.

**"Fuel from Algae: A Current Research Initiative on Alternative Energy,"** 2-3:30 p.m., Fulton Center, sixth-floor Board Room. Speaker: Milton Sommerfeld, professor of applied biological sciences and former chair of the botany Department. Sponsored by Emeritus College. Information: (480) 965-0002.

**"What Darwin Got Right (and Wrong) About Human Evolution,"** 5:30-6:30 p.m., Arizona Science Center, 600 E. Washington St. Phoenix. Speaker: Mark Spencer, Institute of Human Origins, ASU. Part of ASU Darwinfest. Information: (602) 716-2000.

### Thursday, Feb. 12

**"Radical Thinkers: The Origins and Evolution of Novel Approaches in Science and Medicine,"** 3:30 p.m., MU Pima Auditorium (230). A mini-symposium focusing on paradigm shifts in science, medicine and technology. Sessions at 3:30 p.m., 4:30 p.m. and 5:30 p.m. Part of ASU Darwinfest. Information: (480) 727-8934.

**"New Work by Soto,"** 6-7:30 p.m., Interdisciplinary Arts and Performance Gallery, West campus. Senior lecturer Leandro Soto presents and discusses an exhibit inspired by his recent trip to Italy. The artworks examine "America from a European perspective and Europe from an American perspective." Information: (602) 543-2787.

**"NMR and MRI With Laser Detection and No Magnet,"** 7:30 p.m., PS H-150. Alexander Pines, Department of Chemistry, University of California-Berkeley, delivers the annual Eyring Lecture. Sponsored by Department of Chemistry and Biochemistry. Information: (480) 965-2093.

### Friday, Feb. 13

**"Walking with Springs,"** 2:30-3:30 p.m., SCOB room 252. Speaker: Thomas Sugar, ASU. Sponsored by Mechanical and Aerospace Engineering Department. Information: (480) 727-0476.

**"Some Recent Developments in Unconventional NMR and MRI,"** 3-4 p.m., PS H-150. Alexander Pines, Department of Chemistry, University of California, Berkeley, delivers the annual Eyring Technical Presentation. Sponsored by Department of Chemistry and Biochemistry. Information: (480) 965-2093.

**"It Is the Thought that Counts: Unwrapping the 'Package' of Modern Human Behavior for the First Australians,"** 3:30-4:30 p.m., School of Human Evolution and Social Change (SHESC) room 340. Speaker: Iain Davidson, Department of Anthropology, Harvard University. Sponsored by the School of Human Evolution and Social Change. Information: <http://shesc.asu.edu/colloquia>.

**"Teaching and Learning Evolution in America: Darwin's Role in the Classroom,"** 4:30-7:30 p.m., MU Pima Auditorium (230). A panel discussion on teaching and the future. Part of ASU Darwinfest. Information: (480) 727-8934.

### Monday, Feb. 16

**"There is Nothing More Permanent than a Posthole: Recent Excavations at Hierakonpolis, Upper Egypt, by the University of British Columbia,"** 7 p.m., Coor Hall room 170. Speaker: Thomas Hikade, assistant professor of Egyptology at the University of British Columbia, and a specialist on stone tools in Egypt and Jordan. Presented by the Archaeological Institute of America, Central Arizona Society. Information: [www.centralazalia.ning.com](http://www.centralazalia.ning.com).

### Tuesday, Feb. 17

**"Somatic Evolution as a Unifying Theory of Cancer,"** 11 a.m., Bidesign Institute Auditorium. Speaker: John Pepper, assistant professor, Department of Ecology and Evolutionary Biology, University of Arizona, and co-director, Complex Systems Summer School (Santa Fe Institute and Central European University), Budapest, Hungary. Sponsored by Bidesign Institute Center for Innovations in Medicine. Information: (480) 727-0370.

**"DNA Database Woes and the Birthday Problem,"** 12:10-1 p.m., Armstrong Hall (LAW) room 114. David Kaye, Regents' Professor of Law, Professor of Life Sciences, and Faculty Fellow, Center for the Study of Law, Science and Technology at the College of Law, will describe and discuss "impossible" DNA matches and show that accounts in the popular press are misleading. Co-sponsored by the Law & Science Student Association and ASU's Center for the Study of Law, Science and Technology. Information: (480) 965-2465 or [sandy.askland@asu.edu](mailto:sandy.askland@asu.edu).

**Annual William C. Canby Distinguished Scholar Lecture,** 5-7:15 p.m., LAW Great Hall. Diane Enos, president of the Salt River Pima-Maricopa Indian Community, speaks on tribal issues. Reception to follow. Information: Darlene Lester, (480) 965-7715 or [Darlene.Lester@asu.edu](mailto:Darlene.Lester@asu.edu).

### Wednesday, Feb. 18

**"Species Exploration: Transforming Discovery to Meet the Biodiversity Crisis,"** 5:30-6:30 p.m., Arizona Science Center, 600 E. Washington St., Phoenix. Speaker: Quentin Wheeler, vice president and dean of the College of Liberal Arts and Sciences and director of the International Institute of Species Exploration. Information: (602) 716-2000.

**"Darwin's Strange Inversion of Reasoning,"** 7:30-9 p.m., Paul V. Galvin Playhouse. Author, philosopher and director of the Center for Cognitive Studies at Tufts University Daniel Dennett presents the Beyond Center for Fundamental Concepts in Science Annual Lecture. Information: (480) 965-3240 or [megan.fisk@asu.edu](mailto:megan.fisk@asu.edu).

### Thursday, Feb. 19

**"Private Faith/Public Faith: Religion and Government,"** 1 p.m., West Hall (WHALL) room 135. Speaker: Daisy Khan, executive director, American Society for Muslim Advancement. Part of the Maxine and Jonathan Marshall Speaker on Religion and Conflict series. Sponsored by the Center for the Study of Religion and Conflict. Information: (480) 727-6736.

### Friday, Feb. 20

**"Social Studies: Project 4,"** 11 a.m., ASU Art Museum. Speakers: artist Paulo Nenfidio and John Spiak, ASU Art Museum curator. Part of the Conversations @11 Lecture Series. Information: (480) 965-2787.

**"Evolution and Faith Revisited: Can the Two Be Reconciled?"** 5:30-7 p.m., Arizona Science Center, 600 E. Washington St., Phoenix. The Center's Science Cafe program joins with ASU Darwinfest for this unique event. Join in the discussion with biologist and historian of biology John Lynch, and Jewish philosopher and historian of Western religions Norbert Samuelson, ASU College of Liberal Arts. Information: (602) 716-2000.

## Conferences

### Wednesday, Feb. 11

**"Looking for Life: Adventures and Misadventures in Species Exploration,"** 1 p.m., Memorial Union (MU) Turquoise Auditorium (220). A public symposium sponsored by the International Institute of Species Exploration. Part of ASU Darwinfest. Information: <http://Darwin.asu.edu>.

### Wednesday, Feb. 18

**Desert Nights, Rising Stars,** a writers conference sponsored by Virginia G. Piper Center for Creative Writing. Sessions held in historic quarter of Tempe campus. Continues through Feb. 21. Information: (480) 965-6018 or [www.asu.edu/piper](http://www.asu.edu/piper).

## Miscellaneous

### Saturday, Feb. 7

**"First Saturdays for Families at the ASU Art Museum,"** 11 a.m.-3 p.m. Bring children ages 4 to 12 to the museum on the Tempe campus to enjoy a creative project. All materials are provided, and the young artists get to take their creations home with them. Information: (480) 965-2787.

### Monday, Feb. 9

**"Hybrid and Online Teaching II,"** 12:15-1:30 p.m., Coor Hall room U-54 This workshop is designed to ensure that hybrid and online courses are developed and delivered with learning outcomes in mind. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://cte.asu.edu>.

**Superstition Review reading,** 7:30 p.m., Student Union Cooley Ballroom B, Polytechnic campus. The magazine is published online twice a year by undergraduate students at the Polytechnic campus. Information: (480) 727-1527.

### Tuesday, Feb. 10

**"Résumés and Cover Letters that Get Results!"** noon-1 p.m., Memorial Union (MU) Graham Room (226). Presenter: Kaye Lamb, Career Services. Sponsored by Commission on the Status of Women. Information: (480) 965-2958.

**Short-Talks Luncheon,** 1 p.m., Karsten Golf Course Clubhouse, 1125 E. Rio Salado Parkway, Tempe. Presenters: Robert Green, professor emeritus of internal medicine, University of Michigan, and Allen Brawley, professor emeritus of social work. Bi-host lunch. Sponsored by Emeritus College. Information: (480) 965-0002.

**High Tea,** 2-4 p.m., University Club. Members and their guests welcome. Limited seating. Cost: \$10 per person. R.S.V.P.: (480) 965-0700.

**Screening of "Blue Vinyl,"** 6:15 p.m., Coor Hall room 174. Reception begins at 5:45. "Blue Vinyl" is the student award winner in the Humanities and Sustainability Film Festival. Discussion follows. Information: (480) 965-6747.

**Jewelry Sale,** 10 a.m.-5 p.m., in front of Art Building. Student metalworkers will sell their earrings, bracelets, rings and necklaces. Sponsored by ASU Metals Club. Continues 10 a.m.-5 p.m. Feb. 12-13. Information: Lynette.Andreasen@asu.edu.

**Screening of "Kilowatt Ours: A Plan to Re-Energize America,"** 5 p.m., Coor Hall room 120. Part of the Human-

ities and Sustainability Film Festival. Discussion follows. Information: (480) 965-6747.

### Wednesday, Feb. 11

**"Classroom Assessment Techniques: The Background Knowledge Probe,"** 12:15-1:30 p.m., Discovery Hall room 212. Learn how to collect useful feedback on students' prior learning. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://cte.asu.edu>.

### Thursday, Feb. 12

**Darwin's 200th Birthday Festival,** noon-2 p.m., Hayden Lawn. Includes Darwin Look-alike Contest, AZ Beagle Rescue adoptions and a tea party. Part of ASU Darwinfest. Information: (480) 727-8934.

**"Test Questions I,"** 12:15-1:30 p.m., Discovery Hall room 212. Designing test questions that measure the level of learning desired is an art. This session will use Bloom's Taxonomy as a framework to evaluate test question construction. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://cte.asu.edu>.

**Screening of "The Real Dirt on Farmer John,"** 6:15 p.m., Coor Hall room 174. Student award winner in the Humanities and Sustainability Film Festival. Reception at 5:45 p.m. Discussion follows the film. Information: (480) 965-6747.

### Friday, Feb. 13

**Ollie's Storybook Adventures,** 10-11 a.m., Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix. The theme is "Following Bird Tracks." For children ages 3 to 6. Admission. Information: (623) 582-8007.

**Brown Bag Reading,** noon-1:30 p.m., Wilson Hall (WLSN) room 101. Sponsored by Emeritus College. Information: (480) 965-0002.

**"Test Questions II,"** 12:15-1:30 p.m., Discovery Hall room 212. This session covers the creation of essay questions and discusses how reports generated by University Testing Services can be used to inform the design and structure of test questions. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: <http://cte.asu.edu>.

**Decision Theater Tour,** 3-4 p.m., Decision Theater, 21 E. Sixth St., suite 126A, Tempe. Reservations: (480) 965-4098 or [Michele.nobles@asu.edu](mailto:Michele.nobles@asu.edu).

### Saturday, Feb. 14

**Valentine's Day Dinner,** 5-9 p.m., University Club. Cost: \$45 per person, plus tax and gratuity. Reservations required. (480) 965-0702.

### Monday, Feb. 16

**"We Love ASU Collections" open house and tours,** 9:30 a.m.-4 p.m., Tempe campus. Sponsored by the Museums, Galleries & Collections Committee. Information: [www.asu.edu/museums](http://www.asu.edu/museums).

**ASU Day at the Capitol,** 10 a.m.-2 p.m., Wesley Bolin Plaza, Phoenix (17th Avenue, between Jefferson and Washington). Meet members of the Arizona Senate and House of Representatives and see displays of programs offered at ASU. Sponsored by the ASU Alumni Association. Registration: [www.asu.edu/alumni](http://www.asu.edu/alumni).

### Tuesday, Feb. 17

**Research Proposal SharePoint Training,** 10:30 a.m.-noon, Centerpoint (CTRPT) room 310A. Sponsored by Office of Research and Sponsored Projects Administration. Information: (480) 965-1225 or <http://researchadmin.asu.edu/training/workshops>.

### Friday, Feb. 20

**"Locating Funding,"** 2:30-4:15 p.m., CNTR room 120, Polytechnic campus. This hands-on workshop will introduce faculty and staff to the basics of locating funding from government, foundation, and commercial sponsors, and the use of the PRIDE opportunity development Web site to help identify funding opportunities. Sponsored by the Office of Research and Sponsored Projects Administration. Information and registration: <http://researchadmin.asu.edu/training/workshops>.

**"An Evening With Fatimah Halim and Alonzo Jones,** 7 p.m., La Sala, West campus. Halim is president and chief executive officer of Life Paradigms Inc., and Jones is ASU associate dean, Student Affairs, Multicultural Student Services. Part of Black History Month at West campus. Information: [jenny.davis@asu.edu](mailto:jenny.davis@asu.edu).

### Friday, Feb. 20

**Reception for "MOVING TARGETS Breathing Is Free: New Works by Jun Nguyen-Hatsushiba" and "Eden Revisited: The Ceramic Art of Kurt Weiser,"** 7-9 p.m., ASU Art Museum. Information: (480) 965-2787.

## Events and Performances

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

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

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

### Friday, Feb. 6

**"The Vagina Monologues,"** 7 p.m., Black Box Theatre, Polytechnic campus. Sponsored by Students for Social Justice, Williams Campus Housing, Chandler-Gilbert Community College's Women Resource Circle Support. Tickets: \$10. Also: 7 p.m., Feb. 7, at the Chandler-Gilbert Community College in the Pecos Campus' Performing Arts Center. Information: [suzanne.hayes@asu.edu](mailto:suzanne.hayes@asu.edu).

**"The Lion King,"** 7:30 p.m., ASU Gammage. Marvel at the breathtaking spectacle of animals brought to life by award-winning director Julie Taymor, and thrill to the pulsating rhythms of the African Pridelands. Performance times: 7:30 p.m., Tuesday-Friday; 2 and 7:30 p.m., Sat.; and 2 and 7 p.m., Sun., through Feb. 8.\*\*

**"Love Letters: From Beethoven to Bernstein,"** 8 p.m., ASU Kerr Cultural Center, Scottsdale. The passionate letters and writings of more than a dozen composers are interwoven with their music to create a theatrical tapestry.\*\*

### Sunday, Feb. 8

**"Music of the Southwest,"** 3 p.m., ASU Kerr Cultural Center, Scottsdale. Presented by Arpeggio and Friends.\*\*

### Tuesday, Feb. 10

**Tuesday Morning Music & Tea,** 10:30 a.m., ASU Kerr Cultural Center, Scottsdale. Featuring the ASU Chamber Players. Free, but R.S.V.P. required: (480) 596-2660. Bring a can of food or sealed personal item for Vista del Camino food bank.

### Wednesday, Feb. 11

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

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

### Thursday, Feb. 12

**"House With No Walls,"** 7:30 p.m., Second Stage West, West campus. This provocative play directed by ASU's Charles St. Clair presents two intertwined stories set in Philadelphia. The first involves the controversial events surrounding the opening of the American Museum of Liberty, while the second story is the tale of a slave who decides to escape from her master, President George Washington. Other performances: 7:30 p.m., Feb. 13-14 and 19-21; 2 p.m., Feb. 15.\*\*\*

### Friday, Feb. 13

**Faculty artist Albie Micklich,** 7:30 p.m., Katzin Concert Hall. A program of solo music for the bassoon.\*

### Sunday, Feb. 15

**"Trio du Soleil,"** 2:30 p.m., Katzin Concert Hall. Members of the trio are Darwen Jiang, violin, Tom Landschoot, cello, and Robert Hamilton, piano. They'll play music by Mendelssohn and Haydn.\*

**"Care for Kerr,"** 3 p.m., ASU Kerr Cultural Center, Scottsdale. A benefit for Kerr Center featuring saxophonist Joseph Wytko, television personality Carey Peña and other special guests.\*\*\*

### Monday, Feb. 16

**Studio 303 voice recital,** 7:30 p.m., Organ Hall.

### Wednesday, Feb. 18

**Concert of Soloists,** 7:30 p.m., ASU Gammage. The concert features winners of the ASU Symphony Concerto Competition and ASU Composition Contest.

### Thursday, Feb. 19

**Coffee at Kerr,** 10:30 a.m., ASU Kerr Cultural Center, Scottsdale. Charles Lewis plays jazz. Free, but R.S.V.P. is required: (480) 596-2660. Bring a can of food or sealed personal item for Vista del Camino food bank.

### Friday, Feb. 20

**Acclaimed Hispano-Baroque ensemble El Mundo,** 7:30 p.m., Organ Hall. The ensemble performs Jesuit music from missions in Paraguay, as well as a zarzuela and other secular works by Latin-American and Spanish composers (circa 1700). Co-sponsored by the Phoenix Early Music Society. Admission. Information: (480) 965-8863.

**Site-specific staging of "Eurydice,"** 7:30 p.m., Atrium Lobby, University Center building, 411 N. Central Ave., Phoenix. Other performances: 7:30 p.m., Feb. 21, 26-28; 2 p.m., Feb. 22, March 1. Admission. Box Office: (480) 965-6447.

**David Copperfield,** 8:30 p.m., ASU Gammage. Copperfield will present "Grand Illusion," featuring such illusions as "Squeezebox," "The Lottery" and "Man Versus Steel." Continues Feb. 21 with performances at 3, 6 and 9 p.m.\*\*

**"Langston Speaks (4),"** 8 p.m., ASU Kerr Cultural Center, Scottsdale. The Charles Lewis Quintet & Guests present poems by Langston Hughes set to the music of jazz pianist Lewis.\*\*

## Exhibitions

**ASU Art Museum, Nelson Fine Arts Center**—Regular hours: 11 a.m.-9 p.m., Tuesday; 11 a.m.-5 p.m., Wednesday-Saturday; 1-5 p.m., Sunday. Summer hours: 10 a.m.-5 p.m., Tuesday-Saturday. Information: (480) 965-2787.

Opens Feb. 14, "Eden Revisited: The Ceramic Art of Kurt Weiser." Reception: Feb. 20, 7-9 p.m. Also: "Friday Conversations in the Gallery," Friday, Feb. 20, 11 a.m., with Weiser. This mid-career retrospective and accompanying exhibition catalogue examines the stylistic development of Weiser's ceramic work from the 1970s to the present. Internationally recognized as an innovator in the field, Weiser is known for his technical virtuosity with porcelain forms, and his use of china painting techniques in a distinct contemporary style. Weiser is a Regents' Professor of Art in the Herberger College of the Arts. Information: Diane Wallace, (480) 965-0014.

**ASU Art Museum Ceramics Research Center**—11 a.m.-5 p.m., Tuesday-Saturday, Tempe Center.

Through Feb. 28, "Midstream: New Ceramics from the Heartland" uncovers the work of three artists who are defining a new generation of clay workers, reflecting diverse backgrounds working with new issues of identity.

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

Through Feb. 15, Mixed media by Mesa Art League.

Opens Feb. 18, Acrylic on canvas and Plexiglas by Tom Stephenson; oil on canvas by Edie Daldrup; digital photography by Carlos Encinas.

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

Throughout February, "Different Strokes." Glendale Community College art professor Sharon Forsmo presents a wide range of paintings

*"Fasudil shows great promise as a cognitive enhancer during aging."*

– Heather Bimonte-Nelson, a co-author of the Behavioral Neuroscience paper and an assistant professor of psychology

## Researchers say stroke drug could cut risk of Alzheimer's

(Continued from page 1)

ment, cushion the impact of aging, or even enhance learning and memory throughout one's lifespan.

In the study, the researchers gave daily injections of hydroxyfasudil to middle-aged (17- to 18-month-old) male rats, starting four days before behavioral testing and continuing throughout testing. Injections made it easy to give the drug to the rats, but people take it in the form of a pill.

Rats were tested on a water radial-arm maze, which assessed how well they remembered which of the radiating arms had a reward – a sign of accurate spatial learning and working memory.

Rats given a high dose of hydroxyfasudil remembered more items of information than those given a low dose. Both dosed groups performed significantly better than control-group rats given saline solution. For every test of learning, the scores of the low-dose group fell between the scores of the no-dose and high-dose groups, meaning that learning and memory boosts depended on the size of the dose.

Fasudil is known to protect the brain by dilating blood vessels when blood flow is curtailed. In the body, Fasudil breaks down into the more potent hydroxyfasudil molecule, which the authors hypothesize could alter memory by affecting the function of

a gene called KIBRA. The authors recently demonstrated that KIBRA might play a role in memory in healthy young and late-middle-aged humans.

Hydroxyfasudil inhibits the activity of Rho-kinase enzymes, which have been shown to inhibit Rac, a vital protein that supports key cellular functions. The authors speculate that blocking Rho-kinase enables Rac, in turn, to activate more of an enzyme called protein kinase C-zeta – which may, in turn, affect the KIBRA protein.

Joshua Talboom, an ASU graduate student, also was part of the research team.

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

## ASU students celebrate Black History Month

(Continued from page 1)

ing students how to improvise lyrics on different topics, also how to develop the discipline and leadership skills to serve as educators. A Prayer for Peace luncheon will be 11:30 a.m., Feb. 11, in the Student Union Ballroom A.

At the Downtown Phoenix campus, journalism professor Retha Hill will give a free brown-bag lecture at noon, Feb. 10, in the First Amendment Forum at the Walter Cronkite School of Journalism and Mass Communication. Her lecture is on "The Media Portrayal of African-Americans from MLK to Obama."

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

### STAFF POSITIONS

#### POLYTECHNIC CAMPUS

##### Technical and computer

**Laboratory Coordinator Job # 22249 (O)** – Applied Biological Sciences, Polytechnic Campus (Feb. 18; every week thereafter until search is closed).

#### ACADEMIC POSITIONS

##### TEMPE CAMPUS

**Visiting Assistant Professor #9268** – Sandra Day O'Connor College of Law (March 1; every week thereafter until search is closed).

##### DOWNTOWN PHOENIX CAMPUS

**Associate Dean #9265** – Academic Affairs: Nursing & Healthcare Innovation (Feb. 6; every week thereafter until search is closed).

## EMPLOYMENT

The following positions are available as of Feb. 6 and are subject to change.

All positions will be advertised in *Insight* only once. The staff requisition or job order number for each position is indicated by the (#) sign.

ASU is an equal opportunity-affirmative action employer.

### ASU POSITIONS

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

For complete position descriptions and application requirements for academic positions, contact the appropriate department listed below.

Faculty, academic professional and graduate assistant positions are also listed on the Human Resources Web sites and details must be obtained from the hiring department.

Application deadlines are listed.

Dates listed are application deadlines, and application material is due by 11:59 p.m. on that date.

Positions are 100 percent, full-time employment (FTE) unless otherwise noted.

Code below is: (O) – position is open to the public.

## In BRIEF

### ASU Bookstores' faculty regalia sale set

The ASU Bookstores will conduct a semiannual 15 percent discount sale on faculty regalia for one day only at each of the four bookstore locations.

During this time, a sales specialist from the Herff Jones Co. will be available to assist faculty members with their purchases of custom regalia.

The hours and locations are:

- Tempe campus bookstore – 10 a.m. to 3 p.m., Feb. 11.
- Polytechnic campus bookstore – 11 a.m. to 2 p.m., Feb. 12.
- West campus bookstore – 11 a.m. to 2 p.m., Feb. 17.
- Downtown Phoenix bookstore – 11 a.m. to 2 p.m., Feb. 18.

The next sale will take place in September.

For more information, contact Carrie Morales at (480) 965-7923 or [carrie.morales@asu.edu](mailto:carrie.morales@asu.edu).

### 'Think Swiss' climate trail exhibit opens

The Global Institute of Sustainability and ASU Global is conducting the Think Swiss Climate Trail Exhibition through Feb. 13. The exhibit can be viewed weekdays from 9 a.m. to 5 p.m. at the following ASU Tempe campus locations:

- Feb. 6 and Feb. 9-12 – Cady Mall, adjacent to the Global Institute of Sustainability.
- Feb. 13 – Old Main lawn.

There will be a reception and presentation by the Swiss Consulate General on the Old Main lawn from 9 a.m. to 10 a.m., Feb. 13. Light refreshments will be served.

The exhibition, created by the Switzerland Embassy, illustrates the latest scientific findings on climate change, explains the causes of global warming and its impact on humans and animals, and describes everyday actions families can take to reduce carbon emissions and become climate heroes.

The exhibit is part of "Think Swiss – Brainstorm the Future," a U.S.-based program on Swiss education, research, and innovation guided by Presence Switzerland, the Swiss state secretariat for education and research, and the Swiss Federal Department of Foreign Affairs.

For more information about the Think Swiss initiative, visit the Web site [www.thinkswiss.org](http://www.thinkswiss.org).

### Colloquium brings Buddhist scholars together

ASU will be the site of a colloquium Feb. 13-14 on the subject of Theravada Buddhism and its encounter with modernity in South and Southeast Asia since the early 19th century.

The scholarly event will seek to re-appraise the field of Theravada studies from a variety of disciplinary perspectives, such as religious studies, history and anthropol-

ogy.

The colloquium will take place in the Engineering Building A-Wing, room 385, on ASU's Tempe campus.

Colloquium organizers are Juliane Schober, an associate professor in the ASU Department of Religious Studies, and Steven Collins, a professor and chair of the South Asian languages and civilizations department at the University of Chicago.

The conference is supported by the ASU Department of Religious Studies and the Institute for Humanities Research.

This state-of-the-field conference brings together leading scholars from institutions worldwide to explore the intersections of Buddhist practices and institutions with colonialism, education and nationalism.

### ASU group visits United Arab Emirates

A delegation led by Anthony "Bud" Rock, vice president for global engagement, and Stephen Feinson, director of ASU's Policy and Strategic Partnerships Office, traveled to the United Arab Emirates the week of Jan. 12 for a series of meetings to follow up on last summer's visit to ASU by Sultan Saeed Nasser AlMansoori, minister of economy for the UAE, and ASU President Michael Crow and Rock's subsequent visits to the UAE.

The ASU group, which met with government leaders, university officials and private sector representatives, included Mari Koerner, dean of the College of Teacher Leadership and Training; Sam DiGangi, executive director of ASU's Applied Learning Technologies Institute; and Jonathan Fink, director of the Global Institute of Sustainability.

The trip's participants focused on two thematic areas linked to ASU's design aspirations: education technology and teacher training, and sustainability, with emphasis on renewable energy and public policy decision-making.

The trip, which included stops in Dubai, Abu Dhabi and Ras Al-Khaimah, explored a range of potential projects and collaborations between ASU and the UAE. The delegation met with government leaders from the ministries of higher education, economy and environment; officials from Abu Dhabi University, the Higher Colleges of Technology, UAE University and Masdar Institute of Science and Technology; and private sector representatives.

Abu Dhabi University is a potential partner in the areas of educational training and technology, including possible development of a joint master's in teacher leadership, as well as potential degrees in areas of special education and a possible joint center in education policy.

### Downtown eateries boast dining diversity

Students, faculty and staff at ASU's Downtown Phoe-

nix campus will have nearly a dozen new dining opportunities available to them this semester.

Downtown diners have a variety of new eateries to choose from. The establishments are serving up tasty offerings that include pizza, sliders, subs, sandwiches and gourmet coffee.

"As the downtown Phoenix area continues to evolve, so does the dining landscape," says Cassandra Aska, the director of student engagement. "Students have told us they want more dining options and these new restaurants will help enrich their experiences here at the Downtown Phoenix campus."

For more information on all restaurants and eateries located in downtown Phoenix, visit the Web site [www.coppersquare.com](http://www.coppersquare.com).

### Faithfest begins new tradition at ASU

There's a new tradition at ASU: February Faithfest. The Office of Student Life has designated the month of February as a time to acknowledge and celebrate faith, spirituality and religious diversity on campus.

Student Life has joined in partnership with the Council of Religious Advisers (CORA) to sponsor a number of events during the month. CORA, a registered campus organization that has been in existence since 1938, includes more than 20 campus religious communities.

CORA's purpose is to "promote good will, cooperation and dialogue among all the religious groups represented in the student body of the university without any compromise of the beliefs of the particular faiths represented; and to help build and foster an atmosphere on campus conducive to religious life and thinking."

Faithfest events include the following:

- 11:30 a.m. – 1 p.m., Feb. 10: Lunch on Hayden Lawn with the Hillel Jewish Student Center.
- 7 p.m., Feb. 10: "Dorothy Day: Her Message for Our Times," All Saints Catholic Newman Center, 7 p.m. \$5 donation requested.
- 7 p.m., Feb. 11: Moral Compass Movie, Hillel Jewish Student Center.
- 10 a.m.-2 p.m., Feb. 17: CORA Spring Religious Fair, Danforth Chapel. Free pizza and soda.
- 7 p.m., Feb. 17: Middle East Discussion, Neeb Hall.
- 9 p.m., Feb. 24: "Go," film presentation by Invisible Children, Neeb Hall.
- 11 a.m.-1 p.m., Feb. 23-26: Faithfest Food and Supply Drive for People and Pets, Danforth Chapel.

Ben Sanders of the Church on Mill is president of CORA. For more information about CORA, contact Sanders at (480) 968-3663 or [bsanders@churchoonmill.com](mailto:bsanders@churchoonmill.com).

For more information about Faithfest, contact Student Life at (480) 965-6547 or [studentlife@asu.edu](mailto:studentlife@asu.edu).

## Curtiss' salmonella-based vaccines take aim at infant bacterial pneumonia

(Continued from page 1)

didates offer new promise in the battle against S. pneumoniae, a prodigious killer causing more than 2 million annual fatalities worldwide.

The strategy of using a live bug such as salmonella to stimulate a protective immune response has been around awhile. But such microbes typically have had to be weakened or attenuated before safe use, disabling some of their virulence to prevent a full-blown occurrence of disease in the vaccine recipient.

While the approach has been used with some success, Curtiss highlighted the shortcomings of traditional attenuated vaccines.

"If you make something safe, and sort of cut off both arms and both legs, it can't get to where it needs to go in the body," he says.

Thus, attenuated strains, typically produced through deletion mutations of wild strains, might only produce local effects, failing to generate a powerful, system-wide immune response necessary for long-term protection.

In addition to triggering a powerful, protec-

tive immune response, salmonella-based vaccines offer an inexpensive alternative that could be administered orally in a single dose. That would be a significant advantage in the developing world.

Salmonella turns out to be a superb choice as an antigen delivery system. Other infectious bacteria such as shigella, vibrio cholera and pathogenic E. coli, all of which have been explored as vaccine candidates, only invade cells in the intestinal tract, failing to reach the liver and spleen, which are important workhorses for mounting an immune response.

Curtiss also notes that intestinal cells turn over every two to three weeks, precluding long-term immunogenicity.

Salmonella, however, can spread throughout lymph tissues, spleen and liver, provoking a system-wide immunity. Nevertheless, salmonella vaccine strains produced through deletion mutations present many of the drawbacks of other attenuated forms, including a reduced survival rate in the body's inhospitable environment and depressed virulence.

Now, Curtiss and lead author Yuhua Li have led the development of two new vaccine candidates, labeled "x9088" and "x9558," under grants from the NIH and the Bill and Melinda Gates Foundation. These novel strains belong to a family known as recombinant attenuated salmonella vaccines, or RASVs.

The critical component boosting their effectiveness is a delayed mechanism of attenuation. Salmonella's notorious virulence is essentially short-circuited, but only after it has stimulated a robust systemic immune response to pneumococcal surface protein A (PspA), a vital bacterial pneumonia antigen.

This feat is accomplished through genetic trickery to tame S. typhimurium, producing altered bacterial strains requiring mannose or arabinose – sugars available in the lab but absent in the human body.

After roughly seven cell divisions, the bacterium exhausts its stores of specialized sugar – and, because it is unable to sustain the integrity of its cell wall, it bursts. By this method, salmonella can be placed on a "self-destruct timer" – one that

may be sensitively tuned to achieve maximum immunogenicity following colonization of host tissues.

The technique was described in a paper from the Curtiss group with Wei Kong as the lead author, published last July in *PNAS*.

In comparison with attenuated salmonella produced through deletion mutation, Curtiss' RASV-delayed attenuation strains provoked significantly greater anti-PspA immune response (measured in serum antibody levels), as well as conferring greater protection from Streptococcus pneumoniae infection.

The safety aspect of self-destruct vaccines also makes them highly attractive.

"We've got the salmonella on a string," Curtiss says. "We can decide when to snap the string, and they're gone."

An initial version of the new vaccine is slated to begin the first preclinical trials in human subjects early this year.

*Harth, with the Biodesign Institute, can be reached at [richard.harth@asu.edu](mailto:richard.harth@asu.edu).*

## In PRINT

*In Print* highlights books written by ASU employees. To submit a summary of a recently published work, send it via e-mail to [asu.insight@asu.edu](mailto:asu.insight@asu.edu). A reproducible cover of the book may accompany the submission.

**"Constructions. Buildings in Arizona by Alfred Newman Beadle," by professor emeritus of architecture and humanities Bernard Michael Boyle. Gnosis Ltd., 2008.**

Alfred Newman Beadle (fl. 1950-1998), was one of the most important architects in Phoenix in his time, achieving buildings comparable to the best produced anywhere in the United States. His work included commercial and office buildings, apartment complexes and, most of all, private houses, for which he was most admired.

This second revised edition of "Constructions" brings the architect's chronology and the bibliography on his work up to date, while including the original architect's statement and an evaluative essay on his career.

This extensively illustrated book is the first – and, so far, the only – extended presentation on the work of this distinguished Arizona architect.

**"The Best in Tent Camping: Arizona," by arts, media and engineering staff members Kirstin Olmon and Kelly Phillips. Menasha Ridge Press, 2008.**

Whether folks camp in solitude with the Grand Canyon at their feet, bed down near the ghosts of ancient pueblos, or pitch their tents underneath towering ponderosa pines or among stately saguaros, this book highlights the top 50 tent camping spots for car campers from more than 200 campgrounds in national parks, monuments and forests, in state and county parks, and on public and Indian lands. Maps and detailed descriptions are provided for each campground, including recommendations on favorite sites and best seasons. Each entry also includes information on hiking trails, recreational opportunities, historical background, scenic drives, and sights not to be missed while in the area. "Best in Tent Camping: Arizona" is a complete guide to the Grand Canyon State, helping campers to find the best places to spend the night under the stars.



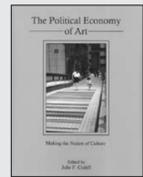
**"Faulkner and Love: The Women Who Shaped His Art," by professor emeritus of English Judith Sensibar. Yale University Press, 2008.**

This is the first book to inquire into the three most important women in the life of William Faulkner: his black and white mothers, Caroline Barr and Maud Falkner, and the childhood friend who became his wife, Estelle Oldham. In this new exploration of Faulkner's creative process, Sensibar discovers that these women's relationships with Faulkner were not simply close; they gave life to his imagination. Sensibar brings to the foreground – as Faulkner did – this "female world," an approach unprecedented in Faulkner biography.

Through extensive research in untapped biographical sources – archival materials and interviews with these women's families and other members of the communities in which they lived – Sensibar transcends existing scholarship and reconnects Faulkner's biography to his work. She demonstrates how the themes of race, tormented love and addiction that permeated his fiction had their origins in his three defining relationships with women. Sensibar alters and enriches our understanding not only of Faulkner, his art, and the complex world of the American South that came to life in his brilliant fiction, but also of darkness, fears and the unspoken that Faulkner unveiled in the American psyche.

**"The Political Economy of Art: Making the Nation of Culture," edited by professor of art history Julie Codell. Fairleigh Dickinson University Press, 2008.**

Political economy is defined in this volume as collective state or corporate support for art and architecture in the public sphere intended to be accessible to the widest possible public, raising questions about the relationship of the state to cultural production and consumption. This collection of essays explores the political economy of art from the perspective of the artist or from analyses of art's production and consumption, emphasizing the art side of the relationship between art and state. This volume explores art as public good, a central issue in political economy. Essays range from the 17th century to the 20th century and cover American, European and Japanese art to examine specific cultural spaces as points of struggle between economic and cultural processes. Essays focus on three areas of conflict: theories of political economy put into practices of state cultural production, sculptural and architectural monuments commissioned by state and corporate entities, and conflicts and critiques of state investments in culture by artists and the public.



**"Technology and Society: Building our Sociotechnical Future," edited by assistant professor of science and technology studies Jameson Wetmore and professor of applied ethics Deborah Johnson of the University of Virginia. MIT Press, 2008.**

Technological change does not happen in a vacuum. Decisions about which technologies to develop, fund, market and use engage ideas about values, as well as calculations of costs and benefits. This anthology focuses on the interconnections of technology, society and values. It offers writings by authorities as varied as Freeman Dyson, Bruno Latour and Judy Wajcman that will introduce readers to recent thinking about technology and provide them with conceptual tools, a theoretical framework and knowledge to help understand how technology shapes society and how society shapes technology. It offers readers a new perspective on such issues as globalization, the balance between security and privacy, environmental justice and poverty in the developing world. This tome is suitable for use in undergraduate courses in STS, and in such other disciplines as engineering, sociology and anthropology.



**"Stella Lai: Fat Children Ruined My Life," with an essay by ASU Art Museum curator John Spiak. F2 Press, 2008.**

As an artist, Lai has always been observant of social transitions and cultural commingling, exploring in her work the struggles and adjustments they create. This only seems natural, in view of the fact that she was raised in Hong Kong, a British colony before its return to the People's Republic of China in 1997.

For the artist, Hong Kong provided a palpable mixture of Eastern and Western cultures, which for more than a century and a half clashed, melded and morphed to create a unique, schizophrenic cultural identity. Lai's birthplace was neither British nor Chinese, but a hyper-accelerated city embroiled in a new global dialogue, economically, ideologically and socially. This 80-page, full-color



bilingual (English/Chinese) exhibition catalogue documents past work and the current solo exhibition.

**"Capirotada," by Regents' Professor of English Alberto Rios. University of New Mexico Press, 2009.**

Like its Mexican namesake, this memoir is a rich melange, stirring together Rios' memories of family, neighbors, friends, and secrets from his youth in the two Nogaleses – in Arizona and through the open gate into Mexico.

The vignettes in this memoir are not loud or fast. Yet, like all of Rios' writings, they are singular. Here is the story about a rickety magician, his chicken and a group of little boys, but who plays a trick on whom? The story about the flying dancers and mortality. About going to the dentist in Mexico because it is cheaper – and maybe dangerous. About a British woman who sets out on a ship for America, with the faith her Mexican GI will be waiting for her in Salt Lake City.

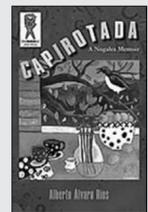
This book's uncommon offering is how it stops to address the quiet, the overlooked, the everyday side of growing up. "Capirotada" is not about prison or famous heroes. It is instead about the middle, which often is the most interesting place to find news. "Capirotada" has been selected as the 2009 ONEBOOKAZ by the Arizona State Library, Archives and Public Records.

**"Devotedly, Virginia: The Life of Virginia Galvin Piper," by professor of English Melissa Pritchard. Virginia G. Piper Charitable Trust, 2008.**

This book is a biography of the noted Arizona philanthropist and arts advocate. Pritchard covers the entire life of Piper, from her humble origins and upbringing during the Great Depression to her coming of age in Chicago and philanthropic work in Arizona. The hallmarks of Piper's life were her spiritual faith, philanthropic efforts and personal compassion. The understanding she gained of the community led her to support efforts on behalf of children, the elderly, health, education, the arts and religion.

**"Under the Lemon Trees," by instructor in English Balbir (Bhira) Backhaus. Thomas Dunne/St. Martin's Press, 2009.**

Backhaus's debut novel explores love, loss and the tangled web of family in the matriarchal Oak Grove, Calif., Sikh community of 1976. Teenage narrator Jeeto already is caught between two worlds: the college-bound crowd of her American classmates and the traditional marriage arranged by her mother to an unknown young man from India. Through Jeeto's conflict, Backhaus explores the tension between the traditional and the new in her sister, relatives and neighbors. Uncle Avtar, who fled India for a life of opportunity, loses his heart to an American waitress, but finds his loyalty to the Sikh community pulling him back into the fold. Jeeto's sister, Neelam, in love with a young man of undesirable parentage, passively accepts her arranged marriage to a stranger, while Jeeto's friend Surinder openly rebels against community mores. Intertwined, their stories of loss, connection and the search for identity create a rich, sensuous portrait of a culture in transition.



## NSF grant supports STEM education initiative at ASU

By Carol Sowers

A soulful image of a teenager, head bowed over his arms, flashes across the screen.

The picture is the signature piece of the penetrating documentary on high school dropouts by 15-year-old Nancy Paz-Arredondo, a freshman at Trevor Browne High School in Phoenix.

"The boy is sad because he knows his education is lost," she said in an interview.

The teen's documentary was one of several presented recently to friends and relatives during a ceremony for 60 teen girls in various phases of an ASU education outreach program called COMPUGIRLS. The participants, from area middle and high schools, are learning to use technology "as a tool to make changes to society," says Kimberly Scott, associate professor of educational leadership and policy studies with ASU's Mary Lou Fulton College of Education and founder of COMPUGIRLS.

Scott says the program's mission is to put girls, many from lower socio-economic neighborhoods, on a level playing field with boys who often are more at ease with technology. The Fulton College recently earned a three-year, \$800,000 National Science Foundation grant to support COMPUGIRLS.

Scott and a team of ASU researchers will lead efforts to evaluate, expand and refine the program and provide additional support to its participants.

The grant was awarded through the Information Technology Experiences for Students and Teachers (ITEST) program. ITEST was established by the NSF's Division of Research on Learning in Formal and Informal Settings in direct response to the national concern about shortages of technology workers in the United States. The program focuses on the need to expand and diversify the number of students prepared to enter careers in the field.

ITEST projects funded in communities across the country provide school-aged children and teachers with experiences that build the skills and knowledge needed to advance their academic study and expose them to science, technology, engineering and mathematics (STEM) content careers.

Scott is principal investigator of the new ITEST-funded initiative titled "COMPUGIRLS: A Culturally Relevant Technology Program for Girls." The project has brought together an interdisciplinary team of co-principal investigators from across the university, including:

- Bryan Brayboy, Borderland Associate Professor of Educational Leadership and Policy Studies with the Fulton College.
- Jenefer Husman, associate professor of psychology in education with the Fulton College.
- Sethuraman "Panch" Panchanathan, professor and director of the School of Computing and Informatics.
- Gregory Aist, assistant research professor with the School of Computing and Informatics.



SUZANNE STARR PHOTO

**Mary Lou Fulton College of Education associate professor Kimberly Scott, right, gives COMPUGIRLS participant Paola Carbajal a hug as she presents her with a certificate of completion during the program's closing ceremony Dec. 3 at the ASU Mercado in Phoenix.**

• Elisabeth Hayes, professor of curriculum and instruction with the Fulton College.

COMPUGIRLS is one of the few programs that combines critical thinking, social justice issues and technology, Scott says.

The girls have learned to use digital cameras, camcorders, several types of software and Geographic Information Systems, tools that will help them challenge injustices such as racism and gender bias, Scott says. Their documentaries have explored issues such as teen pregnancy, bullying and students in special education classes.

"We are proving to the girls that even if they are 14 or 15, they have the means to make global change," Scott says. "It could be something as simplistic as communicating with girls in other countries about their experiences – for example, with sexual harassment – and brainstorming across the ocean on how they could change the problem."

In her probe of school dropouts, Paz-Arredondo included statistics showing that low-income students are the most-at risk for leaving high school. She linked high dropout rates to "families' lack of support" and unmotivated students "who would rather party."

Dropouts are vulnerable to depression and teen pregnancy, she says. But she dismissed pregnancy as a reason for leaving school because "schools have programs to help those girls."

"Being a dropout is much harder than you think," she says.

Scott says the majority of the NSF funding is being used to provide greater support to Naz-Arredondo and other program participants, including a group of 60 girls comprising 40 new participants from the program's four partner school districts, and 20 affiliated with the new site, the Boys and Girls Club of the East Valley, Sacaton Branch, on the Gila River Indian Community. The two new groups will begin the two-year program this summer. The grant also will support the remaining participants of the original group of 40 girls who joined the program in the summer of 2007. They will complete their final year in the program this summer. Fifteen other girls are expected to complete the program in 2010.

*Sowers, a Mary Lou Fulton College of Education contributor, can be reached at (602) 524-4443 or csowers31@live.com.*

## ASU Global schedules Sichuan University Showcase Feb. 9-11

ASU Global will conduct a series of events showcasing the university's partnership with Sichuan University Feb. 9-11.

The ASU-Sichuan University Showcase will highlight the Chinese university's strengths, offer students and faculty information about opportunities related to the ASU-SCU partnership, and underscore the value of the partnership to ASU, Sichuan University, their respective communities and to other stakeholders.

The relationship between the two universities grew out of a series of reciprocal visits. In 2005 and 2006, ASU President Michael Crow led delegations of U.S. university presidents and administrators to China to meet with counterparts. Also in 2006, Heping Xie, president of Sichuan University, led a delegation of Chinese administrators to ASU. During that trip, the ASU-SCU partnership agreement was signed.

A Sichuan University delegation led by Jian "Stan" Shi, vice president, and including Shijing Yan, director of the Office of International Affairs, and Ping Guan, division director in the Office of International Affairs, will be at ASU to participate in the showcase. In addition, nearly 30 participants in the Sichuan University Executive Training Program, administered locally by the University Design Institute, will be on campus and participate in showcase events. The group, the second cohort sent here by SCU, will meet with ASU counterparts as part of their UDI program, in addition to offering three public lectures as part of the showcase.

"This is the first time we've had a university-wide event to publicize the partnership, in particular among students," says Mengying Li, China partnerships manager for ASU Global.

Showcase events will take place at ASU's Tempe Campus, Downtown Campus and at SkySong. They include:

- Opening reception (invitation only), in honor of the SCU delegation and to thank donors to the relief fund for the 2008 Sichuan earthquake. ASU and SCU administrators will formally sign a supplementary 3+2 program agreement. A 3+2 program enables students to complete the first three years of undergraduate degree at a home institution; the fourth year of undergraduate and a first year of post-graduate work is done at a partner institution, resulting in a bachelor's degree from the home institution and a master's degree from the partner. The event also will feature the launch of a new book, "Public Universities and Regional Engagement," published by the University Design Institute.

- ASU-Sichuan University Student Expo (open to the public), from 11:30 a.m. to 1:30 p.m., Feb. 9, in Ventana Room B at the Memorial Union. Displays will include multimedia and information about SCU programs, fellowships and scholarships for advanced degree-seeking students; faculty-directed study abroad programs at and exchanges with SCU; ASU-SCU earthquake relief projects; and ASU-SCU joint initiatives with the University Design Institute, Confucius Institute, Virginia Piper Creative Writing Center, the American English and Culture Program, the Chinese language program, ASU Libraries, the Department of English, Rock Art Program, the Center for Asian Research, and the Center for Global Education Services. There also will be a prize drawing and light refreshments.

- A student entrepreneurship panel (open to the public) from 2:30 p.m. to 3:30 p.m., Feb. 10, in the Vision Room at SkySong. Panelists will include ASU students, local businesspeople and members of the SCU delegation.

- A Sister Cities photo exhibit and reception, 4 p.m. (exhibit opening) and 5 p.m. to 7 p.m. (reception), Feb. 11, in the West Building Conference Center of the Phoenix Convention Center.

For more on ASU Global, visit the Web site [asu.edu/global](http://asu.edu/global).

## ASU aims to enhance mental-health services through grant

By Julie Newberg

ASU recently was awarded a three-year, \$300,000 continuation of a grant to enhance mental-health services and suicide-prevention programs from the U.S. Department of Health and Human Services Substance Abuse and Mental Health Services Administration.

The grant makes it possible for ASU to continue and expand suicide prevention efforts with the involvement of many departments across all four ASU campuses to address student mental-health needs through a proactive, preventive and crisis-response approach that specifically targets first-year students and other at-risk student populations.

Data from the 2006 American College Health Association-National College Health Assessment show that 94 percent of ASU students sampled felt overwhelmed at least once during the school year. Seventy-three percent reported feeling very sad, and 57 percent said they felt like things were hopeless. Forty percent felt so depressed at least once that they found it difficult to function, and 9 percent reported seriously considering attempting suicide. One percent reported having made an attempt.

"It is easier for a young person's problems to go unnoticed when he or she is away at college

and not under the eyes of parents, old friends and high school teachers," says Martha Dennis Christiansen, who is principal investigator for the project.

Christiansen serves as associate vice president of University Student Initiatives, and as director of Counseling and Consultation.

Students who leave home for college go through a time of transition when they establish their own identities, leave traditional support systems and experience a wide range of stressful situations.

"We know that first-year students tend to be at higher risk for a number of different problems," says Dan Schulte, a coordinator for the grant project and assistant director for training services at Counseling and Consultation. "Normal stresses are often experienced much more significantly."

Stress, sadness and depression can be factors that contribute to suicidal thoughts. Suicide is the second-leading cause of death among college students behind accidents.

The grant funds awareness and skill-building training sessions that are offered to ASU "gatekeepers" such as community assistants and residential life administrators, who are most likely to encounter students who are having problems. Staff members who work with campus minority

populations, such as American Indian, disabled, gay, lesbian, bisexual, transgender and international students, also are trained since these groups may be at risk as well.

"Stressors are not the same for everyone who is part of a minority group," Schulte says. "But, in general, students who are members of a minority group face a greater level of stress in their daily lives simply by being who they are. This grant helps address the needs of minorities and other special populations at ASU."

While efforts from the previous three-year grant focused on the Tempe campus, new money will be spent on preventive measures throughout ASU's four campuses.

Training efforts already have paid off, with community assistants in residence halls feeling more confident in approaching students who are struggling or engaging in risky behavior.

"They're not always sure what to do," Schulte says. "They don't want to pry."

After learning in training that it's OK to reach out to those in need, community assistants often find that the intervention is welcomed by students who may be overwhelmed by circumstances in life, or mental illnesses such as clinical depression.

Students also can use an online personal wellness profile to assess their physical and mental

health at [www.asu.edu/studentaffairs/wellness/personal-wellness-profile.html](http://www.asu.edu/studentaffairs/wellness/personal-wellness-profile.html).

Additionally, a four-session workshop called "Think Different, Feel Better" helps students to better understand and manage their moods.

"It's been very successful for the students who have taken part in it," Schulte says.

Other collective factors involve making everyone in the ASU community aware of the risk of suicide, and helping those students who need support.

"Suicide is a community issue," Christiansen says. "For a community to reduce suicide risk, we must work together toward that change. One step toward community action is becoming informed about suicide risk and protective factors. Other steps include integrating this knowledge into everyday actions, such as making students feel welcome, guiding students into social groups that are supportive, noticing changes in student behavior, and directing students to counseling and other services when appropriate."

For more information on wellness programs at ASU, visit the Web site [www.asu.edu/studentaffairs/wellness/about/index.html](http://www.asu.edu/studentaffairs/wellness/about/index.html).

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