Teacher prep

With the recent announcement by ASU that a second academic reorganization in the last six months is driven primarily by opportunities for intellectual synergy, the university’s renowned College of Teacher Education and Leadership (CTeL) has moved to the front lines of teacher preparation programs.

The planning and implementation of all ASU teacher prep and undergraduate programs into CTEL, and the offering of the college’s programs on all four ASU campuses.

“The program reflects the university’s commitment to strengthen opportunities for students wishing to become teachers across all ASU campuses,” Torpey said.

Koerner, who is also the director of ASU’s Teacher Education and Leadership (CTeL) college at (602) 543-6300 or visit the web site address to asuinsight@asu.edu. http://ctel.asu.edu.

Biodesign Institute team seeks to create ‘fountain of youth’

By Jenn Watkins

The same principles that a Biodesign Institute research team has applied to reduce harmful contaminants from the environment could one day allow people to clean up the gunk from their bodies—and reverse the effects of aging, too.

The Biodesign Institute, along with a partner, the Methusalem Foundation, is working to vanquish age-related disease by making old cells feel young.

“The mainstream approach to curing aging diseases is to delay them a little bit, which is great for pharmaceutical sales, but not so good for fixing people,” says John Schloendorn, a molecular and cellular biology doctoral student who works with the lab of Bruce Rittman, director of the Biodesign Institute’s Center for Environmental Biotechnology.

“Different about the Methusalem Foundation is that their approach is to directly repair the damage that the passage of time does to our bodies and eventually causes disease.”

Their collaboration addresses age-related problems, such as heart disease, muscular degeneration, and Alzheimer’s disease, by understanding the root causes of disease. A number of diseases that appear with age are primarily caused by a buildup of accumulated damage inside of cells.

One theory of aging is that, as the molecular junk collects in our bodies through the years, it causes the onset of disease. For example, the buildup of a vitamin A byproduct is directly responsible for the leading cause of blindness in the elderly, muscular degeneration, while the accumulation of sticky proteins in the brain has been linked to Alzheimer’s disease.

Every day, millions of metabolic products course throughout our bodies to help nourish and sustain human health. Most of the time, these that aren’t used are filtered and passed out of the body—but, over time, some become toxic.

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“Especially in today’s labor market, quitting may not be a viable alternative for workers,” says Van Fleet, who was awarded a Career Service Award recently by the Academy of Management and has taught at ASU since 1989. “Ellas and I have tried to steer individual along a path that could enable them to tolerate and perhaps improve their situations—at least until the labor market changes.

For more information, contact Margaret Coulombe at (480) 727-8914 or margaret.coulombe@asu.edu.

Message to the ASU community from President Michael Crow

I am writing to inform the ASU community that ASU will be implementing mandatory unpaid furloughs for all employees between now and June 30 to help the university cope with the severe reduction in state funding available to us over the next five months. This was made after consultation with faculty, staff, students, administration and the university senate and approval by the Arizona Board of Regents.

With so little time left in the current fiscal year, the university’s leadership is confident that this is the most prudent approach.

(See CROW on page 7)

Furloughs ease budget crisis

Army awards 2nd 5-year deal to ASU’s Flexible Display Center

ASU announced Jan. 29 that the Army has committed to sponsoring an additional five years of research and development at ASU’s Flexible Display Center. Army contributions are $50 million and follows initial funding of the center in 2004. Taken together, the two five-year commitments represent a total of nearly $100 million in this unique component of the Army Research Laboratory’s research portfolio.

The Flexible Display Center is a collaboration among government, industry and academics designed to advance the development of full-color flexible display technology. The Army’s continued commitment follows a rigorous evaluation of Flexible Display Center activities and progress during its first five years of operation, with a thorough assessment of the center’s plans. The review included an evaluation by leading technology experts assembled at the invitation of the Army.

Army officials say the Flexible Display Center represents a critical resource in the Army’s ongoing effort to provide military members with the highest level of technology assets. Since the Army’s initial support in 2004, officials say they consistently have been impressed with the center’s track record in achieving critical development milestones. They expect that, over the next five years, the center will expand its portfolio beyond strictly military displays and will extend its role as a national asset in the research and development of flexible electronics.

Over the past five years, the Flexible Display Center has established a strong set of core capabilities to support flexible display development, including 4-inch wide-scale and GEN II 370×470 mm display-scale manufacturing pilot lines and related tool sets.

Through its collaboration programs, the center has achieved development and demonstration milestones that include delivery of advanced materials and processes necessary to accelerate the commercialization of flexible displays.

With a view toward the near five years of its operations, the Flexible Display Center has appointed Nicholas Colaneri to the position of director, replacing Gregory Ruppert, who was the center’s director since its inception in 2004. Colaneri joined the center in 2005 as associate director, responsible for business development, member recruitment and the management of the center’s intellectual property. He received his doctorate in physics in 1987 from the University of Santa-Catarina-Barbara.

By Steve Des Georges

ASU management professor David Van Fleet, right, has co-written a book with his wife, Ella, titled ‘Workplace Survival: Dealing with Bad Bosses, Bad Workers, Bad Jobs.’
ASU’s Allenby leads international effort to promote sustainability

By Joe Kullman

As Arizona enters a new year and the new decade, the Sandra Day O’Connor College of Law at Arizona State University is stepping up its efforts to support sustainability initiatives. The college is part of the College of Law’s Sustainability Initiative, which is working to create a more sustainable and environmentally responsible campus culture.

The initiative includes a range of activities, such as promoting sustainable practices, educating students about sustainability, and hosting events and conferences on sustainability.

The college has partnered with the university’s Sustainability Council to develop a sustainability plan for the university. The plan includes goals for reducing greenhouse gas emissions, increasing energy efficiency, and promoting sustainable transportation options.

In addition, the college is offering a new course on sustainability and the law, which is open to all students. The course explores the legal and regulatory framework for sustainability, as well as the role of the legal profession in promoting sustainability.

The college is also partnering with other organizations on sustainability initiatives, such as the Arizona chapter of the American Bar Association’s Environmental and Natural Resources Section, which is working to promote sustainable practices in the legal profession.

The college’s sustainability efforts are part of a broader effort by the university to become a more sustainable and environmentally responsible institution. The university has set ambitious sustainability goals, such as reducing its greenhouse gas emissions by 20% by 2025, and is working to achieve these goals through a range of initiatives.

The university’s sustainability efforts are supported by a range of stakeholders, including faculty, students, staff, and community members. The university’s sustainability strategy is guided by a sustainability council, which includes representatives from all areas of the university.

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Benyus, founder of biomimicry, to speak at ASU

By Adelheid Fischer

As a child in suburban New Jersey, Janine Benyus spent nearly every day of summer vacation roaming the outdoors. Back then, her routine was to go for a sack lunch and then disappear into the ravine and open fields on the edge of her neighborhood.

“I was a dandelion-hell,” Benyus says. “My mother would have to ring the dinner bell to locate me.”

During those free-ranging hours, Benyus grew intimately acquainted with her wild neighbors.

“I knew where the deer slept at night, where the cocoons were and when they opened, where the mice made their burrows and where to look for the frogs,” she says.

Then one day, as a 13-year-old Benyus watched from the fence, an armada of bulldozers scupped the meadows. By that summer’s end, new houses stood where her animal neighbors once lived.

“I thought to myself: These people wouldn’t do this if they knew what I know about this community and how amazing these organisms are,” she says. “If they knew, they would treat these settled lands differently.”

Four decades later, Benyus has built a distinguished career making the case for what she calls “bioinspirations” that share the planet with humans. She has done so as the author of five nature books, including “The Secret Language & Remarkable Behavior of the Sandfish-lizard” that was launched in 2008 by InnovationSpace, a sustainable products division at the International Reading Association.

Benyus says her books speak to the thrill of understanding the energy-efficient designs of all living things, and the world abounds in inspiration for sustainable products such as these. From the bicycle to the beeswax that coats absorbent materials to the self-cleaning surface of the lotus leaf, the world holds wonders and secrets waiting to be discovered.

For instance, the world of suitcases is brimming with bioinspirations. “Sustainable product development at ASU brings us to the forefront of this exciting field. The lecture is part of a major biomimicry initiative that was launched in 2008 by InnovationSpace, a sustainable products development program at ASU.”


By Amy Cox O’Hara

The ASU Lodestar Center for Philanthropy and Nonprofit Innovation has added a new resource to its portfolio of programs to help nonprofit organizations.

Arizona Grants Access Tool and Expertise Source (aGATES) is an online database connecting those in need of funding with local, national and international donors who can help.

aGATES was created by ASU and the Arizona-Mexico Commission to serve as a resource for obtaining funding for priority projects throughout the state. In becoming a program of the Lodestar Center, the center will continue to develop the database and increase its awareness among nonprofits that seek funding.

Arizona Gov. Janet Napolitano recognized that a deficiency of funding hindered economic development in Arizona, and the Lodestar Center knew that funding is available, but identifying it can be a daunting task.

“aGATES can be used by individuals, organizations and communities to identify the many sources of funding in Arizona that thereby increasing access to funding resources for anyone who seeks it,” says Nina Stanek, director of aGATES.

“Since May 2007, when aGATES was first launched, we have found over 1000 funding opportunities in Arizona. To date, the guild’s biologists have advised more than 200 companies in the Phoenix area, including Boeing, Nike, Procter & Gamble, General Electric, S.C. Johnson, the chair of the National Academy of Sciences, and RAID on energy efficiency.”

Benyus adds that, according to the Sustainable Product Development program at ASU, “Arizona Gov. Janet Napolitano recently called on the Lodestar Center to ‘launch online’ an initiative to connect the Lodestar Center with the biologists that share the planet with humans.”

By Matthew Crum

A new book co-written by an ASU faculty member tackles head-on the fact that, in general, boys in the United States read less often and less well than girls.

“Bright Beginnings for Boys: Engaging Young Boys in Active Learning” offers practical strategies for teachers, parents and anyone with an interest in boys’ literacy development.

“The way that kindergarten and first grade boys are taught to read against the way they love to be, is playful and active,” says Debby Zambo, an assistant professor in ASU’s College of Teacher Education and Leadership.

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Meetings

Monday, Feb. 9
University Senate, 3:55 p.m., Education Lecture Hall (EDC) room 117. Information: (480) 985-2222.

Lectures

Friday, Jan. 30
“The Case for an Apollo-project Approach to Biomedical Problems: Why I Think Research in Biodesign Might Eradicate Cancer or Transform Diagnostics,” 2 p.m., Life Sciences Center. Sponsors: Stephen Johnson, director; Center for Innovations in Medicine, Biodesign Institute, and professor, School of Life Sciences, ASU. Information: (480) 965-2705.

“A New Mathematical Model for Geometric Tolerances in Manufacturing,” 3-4:30 p.m., Applied Physics Classroom Building (APC) room 252. Speaker: Joseph Neves, ASU. Sponsored by Mechanical and Aerospace Engineering Department. Information: (480) 727-0476.

“Bootstrapping and Defeasible Reasoning,” 3 p.m., Coor Hall room 174. Speaker: Steven Cohen, ASU. Sponsored by Department of Philosophy (Information: (480) 965-9860).

“The Quest for Earth Abundant Catalysts that Generate Hydrogen,” 3:30 p.m., Boettcher Physics Science Center (PS) room PH110. Speaker: Jonas Peters, Department of Chemistry, Massachusetts Institute of Technology. Sponsored by Department of Chemistry and Biochemistry. Information: (480) 965-2093.

Monday, Feb. 2
“Jewish Studies in the University-Provincial or Global?” 10:45-11 a.m., Coor Hall room 401. Speaker: David Myers. Part of February Faithfest sponsored by the office of Student life, Campus Life Council of religious Advisers. Information: (480) 965-8927 or http://sols.asu.edu/cbs/events.

Tuesday, Feb. 3

Wednesday, Feb. 4
“Participatory Decision Making Under Uncertainty: Fostering Successful Integration of the Community in the Decision Making Process,” noon-1:30 p.m., Decision Center for a Desert City conference room 175, Brindley Orchard House, 211 5th Street, suite 126E. Panel with Kallan Liaros School of Sustainability and School of Geography and Global Environmental Sustainability, School of Community and Regional Planning, University of British Columbia and a site panelists TBA. Includes lunch. RSVP: (480) 965-3367 or tessa.Dhillon@asu.edu.

“Flock of Dodos,” 5:30 p.m., Memorial Union (MU) Turquoise Ballroom (TB). The film closes the spring semester Life Sciences Bioethics and Film Series, themed “Evolution and Its Discontents.” A discussion follows the film. Information: (480) 965-8907 or http://lifesci.asu.edu/biethics.

“Evolution in Arizona’s Public High Schools – What Your Students Should Be Learning and Why,” 5:30-8:30 p.m., Arizona Science Center, 600 E. Washington St. Phoenix. Doctoral student Caitlin Sneath talks about how learning about biological evolution in high school can affect students’ academic success and preparation for a rigorous public university education. Part of ASU Darwinfest. Information: (480) 727-8934.

Thursday, Feb. 5
National Webcast: “The First 100 Days,” 8:30-11 a.m., Global Institute of Sustainability (GOS) room 102. Contenines website included. The time is the film of what happened early in President Barack Obama’s administration. Information: (480) 727-8020.

“Don’t Be Such a Scientist,” 2:30-3:30 p.m., MU Pizza Auditorium (230). Speaker: Randy Olson, scientist and filmmaker of “Flock of Dodos” and “Stake.” Part of ASU Darwinfest. Information: (480) 727-8934.

“Sizzle: A Global Warming Comedy,” 5-8 p.m., Muddock Hall room 201. The film is a novel blend of these genres – mockingumentary, documentary, and reality. Panel discussion follows film. Sponsored by the Center for Biology and Societies, GOM, Free Institute of Sustainable Research, School of Earth and Space Exploration, School of Life Sciences, College of Liberal Arts and Sciences and Whole Foods Market. RSVP required. sustain@asuvents@asu.edu.

Jan Fisher Memorial Lecture, 7 p.m., Coor Hall room 170. Speaker: John Galloway, a vitreous poster and professor at the University of Montana-Missoula. ASU sponsored by ASU Gammage, and assistant vice president, School of Life Sciences. ASU. Information: (480) 965-2787.

Friday, Feb. 6
“Is Darwinism Past its ‘Sell By’ Date?” 2 p.m., ES 1104. Speaker: Michael Ruiz, Luke T. Voorhees professor of philosophy and director of the Program in History and Philosophy of Science, Florida State University. Sponsored by School of Earth and Space Exploration, School of Earth and Space Exploration, School of Life Sciences, College of Liberal Arts and Sciences and Whole Foods Market. RSVP required. sustainable@asuvents@asu.edu.

“Teaching for Thinking – Fostering Critical Thinking in the Classroom,” 3-4 p.m., MU Union Stage (085). Speaker: Stewart Cohen, ASU. Sponsored by Department of Philosophy (Information: (480) 965-9860).


Tuesday, Feb. 10

Wednesday, Feb. 11

Wednesday, Feb. 11
“Radicare Thinkers: The Origins and Evolution of Novel Approaches in Science and Medicine,” 3-4 p.m., MU Pizza 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.

“Darwin Distinguished Lecture Series: Saving Earth and Banning Deton Na,” 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.

Thursday, Feb. 11
“Some Recent Developments in Unconventional NMR and MRI,” 3:30-4:30 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

Conferences

Thursday, Feb. 5
Fourth Annual Building Healthy Lifestyles Conference “Understanding and Modifying Stress: A Well-Being Approach,” 8:30 a.m.-5 p.m., Tempe campus. Keynote speakers and their topics include: Edward Hall, Vietnam POW; “Human Potential: A State of Mind”; Brian Luek Seaward, Paramount Wellness Institute, “Stand Like Mountain, Flow Like Water: Reflections on Stress and Human Sustainable Living”; and “Seeing the Ebb and Flow of Everyday Life with an Accent on the Positive.” Sponsored by University Wellness & Department of Nutrition. Continues Feb. 6, 8 a.m.-4 p.m. Information: (480) 727-1924 or barbara.ainsworth@asu.edu.

Wednesday, Feb. 11

Miscellaneous

Monday, Feb. 2
“Hybrid and Online Teaching,” 12:15-1:30 p.m., Coor Hall room 174. The first in a series of 3 designed to assist instructors on designing and developing a hybrid course. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: http://life.asu.edu.

Tuesday, Feb. 3
Research Proposal Sharepoint Training, 10:30 a.m.-noon, Centerpoint (CTRP) room 310A. Sponsored by Office of Research and Sponsored Projects Administration. Information: (480) 965-1225 or http://researchadmin.asu.edu/training/ workshops.

“Large Lecture Series: Interactive Lecture,” 12:15-1:30 p.m., Discovery Hall room 212. The workshop will provide an overview of strategies to use in moderate to large classes to better engage students in their own learning. Sponsored by the Center for Learning and Teaching Excellence. Information and registration: http://life.asu.edu.

Display of Army aircraft and vehicles, noon-4 p.m., Gateway Aviation Services, Mesa-Gateway airport. Sponsored by Army ROTC, Templ campus. Includes music and lectures, and an opening prayer/libation by professor Duku Analu. Information: (480) 543-5306.

Tuesday, Feb. 3
“Teaching for Thinking – Fostering Critical Thinking in
Student playwrights take national stage

By Judith Smith

ASU's graduate student playwrights – and at least one undergraduate – are making waves.

It looks like the tide is just about to come in for them, too.

Don Frey, one of just seven of 89 playwrights invited to take his play, “Don Coyote,” which debuted at ASU last fall, to the Region 8 Kennedy Center American College Theatre Festival at California State University-Fullerton, in February.

Frey’s first master’s degree in fine arts plays writing Asher Bowles was invited to present a 10-minute play in the same regional event.

Another first-year master’s degree in fine arts playwright, Christian Krauspe, also is a finalist in the Kennedy Center competition, but in music. His alma mater, Western Illinois University, produced his play, “Dearborn Americana,” which was picked for the festival.

Finally, Bill Alexow, an undergraduate student, won the college national playwriting competition sponsored by the Arizona Wing of the National Guard with his play, “Cedenken,” and it’s also competing in ACFTE – but in Region 3. So how did Alexow, Hualapai High School of Theatre and Film manage to pro-

A lot of it has to do with creating a climate for inspiration," says Guillermo Reyes, an associate professor and director of ASU’s playwriting program. "It motivates them to write – tapping into that is really challeng-

ing. The best writing comes from the heart, but not everyone accesses that. It is personal." Reyes, who also has enjoyed a stellar career as a playwright, says every class in playwrit-

ing is different, and every student is different. By offering a variety of opportunities, such as writing short plays and having readings and live productions, each finds something that spurs his or her creativity.

The students also collaborate with Play-

wrights on Campus, an organization that helps them develop their work.

The most crucial thing for a young play-

wright, Reyes says, is "sitting the play down with actors. That’s important for completion. Hopefully the audience will like the play.”

A lot of this work is going to be for Vista del Camino food bank.

Reyes says that he learned, "We are definitely interested in writ-

ing for live audiences." He says, "A theater is still an exciting form of writing. It creates a living experience. Live theater has been around for a very long time. It will be en-

chanted, but it will not go away.”

For the Fullerton festival, ASU will pack up all the sets from Frey’s play, which was presented in the Festival of New Work, and take a contingent of 12 people – including the actors, director and stage manager – to California.

Winners from the regional festivals will go to the finals at the Kennedy Center’s American College Theatre Festival.

Frey, who grew up in Phoenix, studied films at USC.

"But I found out that a lot of the work in film was not what I wanted to do," Frey says.

"Then I discovered Brand New Theatre at USC. At first I auditioned to act – and to beard a bell. The next semester I wrote a play, and they produced it."

The idea for “Don Coyote” came from a conversation about immigration between his wife and grandfather, who had opposing viewpoints.

"They were talking about it, but not really talking to each other," Frey says.

In "Don Coyote," an American and a Mexican coyote run a human-smuggling business at the Arizona-Mexico border. But a car accident, a killing and a beautiful young woman named Rosa threaten to un-

ravel the fabric of their partnership.

Frey says he made a lot of changes in the play after the first week of rehearsal. "A lot of it was streamlining," Frey says.

"There was dialogue that I thought was clever, but it didn’t add anything. The play was getting too long."

Events and Performances

*Vindicators tickets are available at Herberger College of Fine Arts Box Office, 480-965-6447.

*Vindicators tickets are available at ASU Gammage, Mill Avenue and Apache Boulevard, 480-965-3434; ASU Kerr Cultural Center, 610 N. Scottsdale Road, Scottsdale; 480-596-2660.

Friday, Jan. 30

“The Lion King,” 7:30 p.m., ASU Gammage. Manel at the breathtaking spectacle of animals brought to life by award-

vining director Julie Taymor, and tell to the pulking rhythms of the African Pridelands. Performance times: 7:30 p.m. and 2 p.m. Saturday, and 2 p.m. and 7 p.m. Sunday, through Feb. 3.**

Gabriel Ayala, Native American classical guitarist, 8 p.m., ASU Kerr Cultural Center, Scottsdale.**

Sunday, Feb. 1

“The Music of Bill Evans,” 2:30 P.M., Katz Concert Hall. Bob Rieszvorch, Michael Kocour and piano students in the jazz studies program pay homage to this giant of jazz piano in a multimedia program that surveys music from his entire career.*

Yale organ professor Martin Jean, 2:30 p.m., Organ Hall.

Tuesday, Feb. 3

Chamber music of Felix Mendelssohn Bartholdy, 7:30 p.m., Katz Concert Hall. Faculty artists present this con-

cert in honor of the 200th anniversary of the composer's birth.*

Wednesday, Feb. 4

Jazz Divines, Delphine Cortez, Nancy Geo, Margo Reed and Sherry Robertson, 7:30 p.m., ASU Kerr Cultural Cen-

ter. Scottsdale.**

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 Com-

munity College’s Women Resource Center Support. Tickets: $10. Alaza. 7:30 p.m., Feb. 7, at the Chandler-Gilbert Com-

munity College in the Pecos Campus’ Performing Arts Center. Information: Suzanne Hayes@asu.edu.

"Letters: From America to Australia,” 8 p.m., ASU Kerr Cultural Center, Scottsdale. The passionate letters and vetrings of more than a dozen composers are interwo-

en with their music to create a theatrical tapestry.

Sunday, Feb. 8

"Music of the Southwest,” 3 p.m., ASU Kerr Cultural Cen-

ter, Scottsdale. Presented by Appoggi and Friends.

Tuesday, Feb. 10

Tuesday Morning Music & Tea, 10:30 a.m., ASU Kerr Cul-

tural Center, Scottsdale. Featuring the ASU Chamber Players. free, but RSVP required (480) 965-2660. 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. Arizona Opera presents “Intro to Don Giovanni,” free. KUWP (480) 596-4821. Bring a can of food or sealed personal item for Vista del Camino food bank.

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

Friday, Feb. 13

Faculty artist Albice Mickisch, 7:30 p.m., Katz Concert Hall. A program of solo music for the bassoon.*

Exhibitions

The Galleria – 8 a.m.-6 p.m., Monday-Friday, located in highland Building C, 502 E. Monroe Street, Phoenix. Informa-

tion: (480) 496-1590.

Throughout February, “Different Strokes.” Glendale Commu-

nity College art professor Sharon Forosmo presents a wide range of paintings and drawings on a variety of media, such as paper, pencil and hardboard. The artwork is inspired by Forosmo’s ongoing exploration of different media and their relationship to a variety of surface grounds. The paintings represented include oil- and water-based media, and they display the color characteristics and expressive qualities that are unique to them.

Museum of Anthropology – 11 a.m.-3 p.m., Monday-Friday, Ferry and Tyler Mall. Information: (480) 965-6224.

Opens Feb. 5, “Previewing the New Latin-American Folk Art Collection” features folk artists from Central America and South America. Preliminary curatorial research by mu-

seum staff will be augmented by labels and interpretation by graduate students in the School of Human Evolution and Social Change’s museum anthropology program.

Defenses

Mary Austin, PhD, English, 10 a.m., Jan. 30, 316

Sudheendra Murthy, PhD, Comp. Sci., 1 p.m., Jan. 30, 606

Christina Col-Hansbury, PhD Comm., 10 a.m., Feb. 3, 412
Study Abroad Fair to take place Feb. 5

Students interested in studying abroad should plan to attend the ASU Study Abroad Fair, which takes place from 10 a.m. to 5 p.m., Feb. 5, in the Memorial Union's Arizona Ballroom and Galleria on the Tempe campus.

Information about more than 250 programs in more than 60 countries will be available. At the fair, students can:

• Meet other students who have studied abroad.
• Talk with international exchange students.
• Attend a Study Abroad 101 information session.
• Get advice from program representatives.
• Discuss funding opportunities with the Student Financial Assistance Office.
• Get details about the Study Abroad Office scholarships.

Learn more about the opportunities available from the study abroad program coordinators.

There will be a drawing for a travel-related prize at the fair, and attendees may have a free souvenir photo taken in an international location of their choice – and ASU's mascot, Sparky, is expected to be on hand, too.

The U.S. Passport Acceptance Office will also hand out and accept passport applications and take passport photos. Students unable to attend the fair but who are interested in studying abroad are encouraged to contact the ASU Study Abroad Office at Tempe Center, suite 150.

For more details, call (480) 965-5905, send an e-mail to studyabroad@asu.edu or visit the Web site at www.asu.edu/global.

Film festivals study humanities, sustainability

A four-day film festival in February that includes the Arizona International Film Festival, a global warming comedy, will take place at ASU's Tempe campus.

Also featured at the festival, which is free and open to the public, are two student films that won top honors in last semester's ASU student film contest.

The festival is designed to showcase how the humanities and the issue of sustainability can intersect to address global environmental challenges. It is being presented by ASU's Institute for Humanities Research, and the Film and Media Studies program in the College of Liberal Arts and Sciences.

The festival kicks off Feb. 5 with "Studie," a global warming documentary that combines science and comedy by scientist-turned-filmmaker Randy Olson. The screening is part of Darwinfest at ASU – a celebration of Darwin's 200th birthday in the College of Liberal Arts and Social Sciences.

ASU makes free counseling services available

ASU is offering counseling services available to all students on campus for free for the spring semester. Counseling services are available to all part-time students, faculty and staff members for $30 per semester, and to full-time undergraduate students for $25 per semester.

The Counseling Training Center provides individual, couples and family counseling for children, adolescents and adults to help resolve personal, social, educational, family and adjustment issues that are barriers to healthy relationships.

For more information, or to make an appointment, contact the Counseling Training Center at (480) 965-9056 or visit the center's Web site at http://education.asu.edu/csc.

ASU office issues friendly passport reminder

Beginning June 1, the U.S. Department of State will begin requiring a passport for travel by all U.S. citizens traveling outside of the United States.

Those planning international travel after June 1 should make sure their documentation is up to date.

Applications for new or renewed passports can be submitted through the U.S. Passport Acceptance Office, part of ASU's Center for Global Education Services in the Tempe Center.

Applications normally take about three weeks, but that time usually increases during the busy season, from January through May.

"We want to encourage people to apply early and beat the rush," said Kim Foster, senior specialist and passport acceptance agent.

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

While normal processing time for a passport or passport card is three to six weeks, expedited service is available for an additional fee.

The U.S. Passport Acceptance Office is part of the Center for Global Education Services in Tempe Center at 951 S. Mill Ave, suite 130, west of Coors Mall on the Tempe campus.

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

International tribunals book earns note

A book written by Vincent Pekin, an assistant professor in ASU’s College of Liberal Arts and Sciences, has been selected as a Choice magazine Outstanding Academic Title for 2008.


According to Choice, it is "the premier source for reviews of academic books, electronic media and Internet resources of interest to college and research libraries. Choice reviews include those in the highest esteem to the most obscure and are read by almost every undergraduate college and university library in the United States. The books on this Outstanding Academic Titles list reflect what is in print in scholarly titles whose works were reviewed by the magazine in the previous year. The selection is made for books that achieve overall excellence in presentation, organization or scholarship, originality or uniqueness in treatment, importance relative to other literature in the field, and value to undergraduate students. Pekin received his doctorate in political science from the University of California-Berkeley and now teaches in ASU’s School of Government, Politics and Global Studies. He has been at ASU since 2006.
Crow spells out details of mandatory furlough plan to ASU community

(Continued from page 1)

way to address the fiscal year 2009 reductions while preparing for the additional reductions for fiscal year 2010, the furlough will allow the fiscal year 2009 reductions to be shared and balanced among all the faculty and staff members of the institution. It is important to remember that we are dealing with at least a two-year state budget problem. To put this fact into perspective, the two-year maximum proposed cut would reduce ASU’s pre-furlough funding level in fiscal year 2009 by 12% and the pre-furlough level in absolute dollar amount. When adjusted for inflation, we would be operating an instructional budget in fiscal year 2010 with about 80 percent of the per-student state investment we had in fis-
cal year 2007.

The furlough will involve all employees, in- cluding the president, vice presidents, deans, faculty, variety coaches, academic professionals and classified staff.

The university will not close down at any time; instead, furlough of individual employees will be staggered over different weeks and so that ASU can remain operational and complete the academic semester on time.

The length of individual employee’s fur- lough will be determined by three general job classifications:

• University administrators (including the pres- ident, vice presidents and deans) – 15 days.
• Chairs - 10 days.
• Other employees - 12 days, except for those who do not work a full week or less than a 12-month schedule, in which case their furlough will be prorated for the lengths of their appointment or the number of hours worked.

Depending on the length of an individual’s furlough, the salary loss would be equivalent to 8 weeks of employment.

Faculty members take furloughs on days they teach less, and supervisors of staff members will be staggering furloughs so that the university remains operational.

Employees will be allowed some flexibility in scheduling their furlough days in conjunction with their supervisor, but they are encouraged to consider scheduling the furlough days propor- tionally across all remaining pay periods in the current fiscal year, which ends June 30.

Furloughed employees are eligible to apply for unemployment compensation for time lost.

The temporary Employee Assistance Office will be available to consult with those who are particularly hard hit by the loss of income. Additional circumstances may cause them to take approaches other than the ones we have taken.

We will understand that our state—and our nation—are struggling to cope with the worst economic conditions since the Great Depression, and that we all need to do our share of budget cutting.

ASU already has instituted a number of cost- saving measures ranging from reducing energy consumption to the reorganization of academic departments and entire schools. We have been fortunate to retain most of our full-time faculty and 250 faculty associate positions this fiscal year, and it is worth resting that we have chosen to implement a few minimum furloughs, rather than cutting core academic functions or reducing financial aid or services to students.

We know that the depth of our cuts will be severe, and that we would prefer taking a furlough to seeing more of our colleagues laid off.

It is worth noting all our faculty and staff for their commitment to student success. The state fiscal situation is extremely serious, but it is also daunting. No matter the circumstances, ASU will remain committed to the ideals of the New American University—admitting all qualified students, providing them a high-quality education and ensuring that it is affordable for students and not a privilege for the wealthy. We will continue to focus on our core mission, which we define broadly to include education, research, creative arts, community service and economic development.

We hope that our faculty and staff, students and alumni will understand that ASU will continue to do its best to provide high-quality education. Indeed, we are committed to our students and to doing everything we can to make sure our university remains one of the nation’s best institutions of higher education.

In that effort, we have been working with and will continue to work closely with the Arizona Board of Regents and our sister institutions, the University of Arizona and Northern Arizona University. Those institutions also are mak- ing major budget reductions, but their institu- tional circumstances are different. The ASU furloughs are available on the Human Resources Web site www.asu.edu/hr.

Through this furlough, the university will save about $24 million to help toward meeting its fiscal year 2009 state budget reduction, which could total more than $60 million. Although ASU must find additional savings to meet its anticipated cut, the furlough is intended to en- sure that all enrolled students can still finish the current semester, and that those completing their degrees can graduate on time.

I want to assure all of you that ASU is commit- ted to continuing to deliver all our academic pro- grams to our students, to not reducing academic quality and to maintaining all of our universi- ty’s student-fiscal aid programs. We will continue to work with internal groups to find additional prudent cost-saving measures that are consistent with our institutional mission.

We also will continue to make our case to the state Legislature—and to the people of the state of Arizona—that our universities are too impor- tant to our future to be singled out for the largest budget cuts.

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Army awards 2nd 5-year contract to ASU’s Flexible Display Center

(Continued from page 1)

be responsible for strategic research and market opportunities in flexible electronics for ASU sup- porting the Flexible Display Center. “As an early adopter of advanced technologies, the Army recognized the importance of developing revolutionizing information displays and had the foresight to commit to fostering a sustain- able ecosystem that could successfully develop and commercialize flexible electronic displays,” Colburn said. “The Army’s long-term commit- ment to this initiative not only recognizes the important role that the center plays within this developing market but, more critically, us to accelerate the application development and commercialization process.”

In 2003, the Army, the Flexible Display Center partners with many of the world’s leading and emerging industry providers of advanced display technology, materials and process development, and product integrators such as HP, Cen- tral Dynamics, Raytheon, BAE Systems, L3 Communications, LG Display, J. I. Doumeki, Applied Materials, Inc., to America, EV Group, Deloitte-TenneTel, Hewlett, Universal Display Corp., Kent Displays, PlasticsIn Time, Surface Science Integration and Particle Systems. A 4-year funding partner in the center is the FlexTech Alliance, an industry association focused on the manufacturing and deployment of flexible, printable, printed displays and displays. Also, the Flexible Display Center collaborates with renowned universities such as Texas University-Dallas and Lehigh Univer- sity on basic materials research projects.

Flexible electronic displays are playing an in- creasingly important role in the global display industry, serving as the enabling technology for a new generation of portable devices, including computers, electronic paper, and displays. Also, the Flexible Display Center partners with many of the world’s leading and emerging industry providers of advanced display technology, materials and process development, and product integrators such as HP, Cen-

Researchers aim for ‘fountain of youth’

(Continued from page 1)

research is resistant to degradation, plugging up junk in our cells.

The human body is not naturally equipped to degrade these harmful substances, but Schloendorn also noticed that there is not an overabundance of these molecules in the environment. Therefore, there must be a source of natural enzymes that are capable of breaking down the cellular debris. In much the same way as the buildup of junk can put a stranglehold on the natural environment around it, the collection of these miscellaneous materials can place stress on a cell.

The enzymes capable of decomposing the junk are like implementing a recycling pro- gram in a landfill. They salvage the used ma- terials, and there is a possibility that the basic pieces can be reused elsewhere.

“We are looking for these enzymes in all sorts of organisms,” Schloendorn says. “We have some that come from soil bacteria, we have some that come from fish, we have other one that comes from mammals.”

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January 30, 2009

Conference builds path to success for scholarship recipients

By Matt Cram

About 159 Arizona college and university students, all recipients of financial support through the Arizona College Scholarship Foundation (ACSF), gathered earlier this month at ASU’s West Conference building in hopes it will inspire students about enterprise, philosophy and art.

The $1.3 million statue called “Spirit,” is well-known, because it once was located outside the Fleischer Museum in Scottsdale and appeared on the cover of a local Chamber of Commerce publication for many years. Local entrepreneur Morton Fleischer and his wife, Donna, an ASU graduate, donated the bronze statue to the W. P. Carey School in hopes it will inspire students about enterprise, philosophy and art.

Valley entrepreneur Morton Fleischer and his wife, Donna, donated this bronze statue, titled “Spirit,” to the W. P. Carey School in hopes it will inspire students about enterprise, philosophy and art. The statue’s Web site describes it as “a symbol of democratic aspirations and democratic rights.”

Several plaques with inspirational messages by Fleischer about America, freedom and achievement will be placed at the statue’s new site.

“We believe an appropriate location for ‘Spirit’ is near the W. P. Carey School of Business, since the statue’s artistically-represented figure of a citizen and business people have been able to accomplish within America’s vibrant framework,” says Fleischer, who, along with associates, built Franklin Finance Corp. of America and Spirit Finance Corp. into New York Stock Exchange-listed enterprises for more than 25 years as a York banker for whom the W. P. Carey School is named, W. P. Carey, with the W. P. Carey School of Business, can be reached at donnamf@asu.edu.

“Spirit” symbolizes the power of political and economic freedoms that makes this country great. This statue deserves to be in a place where it can help educate young people about the boundless opportunities and achievements America — and freedom — provide us.”

Fleischer, an acquaintance of William Polla Carey, the New York banker for whom the W. P. Carey School is named, donated the transportation and installation costs for the statue’s move.

“We greatly appreciate the generous donation of Mort and Donna Fleischer,” says Robert Mittelstaedt, dean of the W. P. Carey School. “We hope this art outside the school will help inspire our students with the same enterprises, energies and free thought we deliver inside the classrooms.”

Freeman, with the W. P. Carey School of Business, can be reached at (480) 965-9237 or debbie.freeman@asu.edu.

By Karen Leland

On Jan. 13, TUV Rheinland Arizona and ACSF announced the launch of the TUV Rheinland PTL, the world’s most comprehensive independent third-party accredited facility for testing and certification of solar energy equipment.

TUV Rheinland PTL, a new private venture, significantly upgrades the technology and knowledge of the former ASU Photovoltaic Laboratory (PTL), the new location in Tempe to test solar modules and arrays.

With a new facility and additional human resources, the lab now has the research capacity to test leading-edge photovoltaic systems and their components. The staff can also conduct technical direction and testing on standards for emerging solar technologies, such as concentrating photovoltaics, concentrating solar power systems, and building-integrated photovoltaics. The TUV Rheinland PTL is the latest of the long line of new facilities and laboratories created through the longtime collaboration between TUV Rheinland and Arizona State University. The former ASU-PTL lab, established in 1992, is now a laboratory in the national testing laboratory in the United States, and it is one of a few in the world.

Many in the solar testing industry today have roots that connect them to ASU-PTL.

As the solar industry evolved, so did its testing needs. The TUV Rheinland PTL is the result of the long-standing partnership between TUV Rheinland and Arizona State University. The lab was established in 1992.

With a new facility and additional human resources, the lab now has the research capacity to test leading-edge photovoltaic systems and their components. The staff can also conduct technical direction and testing on standards for emerging solar technologies, such as concentrating photovoltaics, concentrating solar power systems, and building-integrated photovoltaics.

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ASU-affiliated solar testing facility opens doors in Tempe

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