October 2, 2009

ASU nets $32M in federal stimulus research grants

By Skip Derra

Arizona State University researchers to date have received more than $32 million in stimulus package research grants. For ASU, which has played a very active role in attracting this additional funding, much of those research funds have gone to projects that meet challenges currently confronting society.

Projects funded include work to unlock the secrets of photosynthesis for new sources of energy; research into a computational understanding of the skills required in surgical training; development of a new method for screening and diagnosing tuberculosis in children; a study on child development and immigrant adaptation; and development of a new type of robotic hand. Funds for these projects come from the Department of Energy, the National Institutes of Health, the National Science Foundation, and other sources.

“Funding for these projects come at a critical time as we look to finding new sources of renewable energy, smarter ways of diagnosing and fighting diseases, and better ways to educate our next generation work force,” Pandianathan says. “Now is the time to invest in bold new ideas that result in large-scale innovation and entrepreneurship.”

The research funded as part of the $787 billion American Recovery and Reinvestment Act (ARRA), the federal economic stimulus package approved in February. Several federal agencies have been allocated a portion of this money for funding competitive research proposals from universities for work on basic and applied research in critical areas of national importance. These grants are restricted to use for specific research projects and cannot be used to fund general university expenses. However, they do add a significant amount of money to the state economy.

The ASU projects involve teams of researchers from across the university and across the country. This leverages ASU’s strength in interdisciplinary research, Pandianathan says. Highlights of ASU’s newly funded projects include:

Power from sunlight

The largest stimulus grant awarded to ASU – $14 million for five years – has come from the Department of Energy to establish an Energy Frontier Research Center that will focus on research on solar-energy conversion based on the principles of photosynthesis.

(See RESEARCH on page 7)

$1.25M grant to develop teacher training institute

By Veronica Palmer Martin

Arizona State University is a combing energy, innovation and expertise in STEM education (Science, Technology, Engineering and Math) to develop a groundbreaking new institute that will produce a community of highly qualified middle school math and science teachers.

The National Science Foundation (NSF) has awarded ASU a $1.25 million Innovation through Institutional Integration (I3) grant to develop The Modeling Institute, a collaboration of the university’s most cutting-edge research in STEM education and teacher preparation.

A multidisciplinary team of ASU researchers will drive the project under the auspices of the Center for Research on Education, Science, Mathematics, Engineering and Technology (CRESMET) housed within the Mary Lou Fulton Institute and Graduate School of Education. The project integrates some of the university’s most successful NSF-sponsored STEM education initiatives to maximize ASU’s impact on K-12 education locally and nationally. These projects include: Modeling Physics, Project Pathways, Professional Learning Community Resources, Project Lead the Way and Prime the Pipeline Project, AAS-BioLogic, SMALLab, the Central Arizona-Phoenix Long-Term Ecological Research, MARS education program, and Learning through Engineering Design and Practice.

Elizabeth Capaldi, ASU’s executive vice president and provost, is the project’s principal investigator.

“Arizona State University has a strong commitment to the improvement of K-12 education in Arizona, to enhancing the talents and skills of its teachers, and to assisting students to achieve greatness,” Capaldi says. “In the fields of mathematics, science and engineering, we are working collaboratively with school districts and the community to improve STEM education and prepare teachers. “Among our major priorities is ensuring that all teachers are equipped with deep content knowledge, are passionate about their fields of expertise and their teaching, and are well-prepared to develop the talents of their students.”

Modeling instruction is a highly successful teaching method used in many high school physics classrooms and increasing in popularity in chemistry and mathematics classrooms as well.

(See INSTITUTE on page 7)

Rittmann receives Arizona BioIndustry’s top research award

By Joe Caspermeyer

The Arizona BioIndustry Association has honored Bruce Rittmann, the director of the Biodesign Institute’s Center for Environmental Biotechnology, with the 2009 Award for Research Excellence.

Rittmann is an international leader in using microbes found in nature to solve problems related to water, waste and energy quality. Their research projects include pollution cleanup, treating water and wastewater, capturing renewable energy and understanding how microbes in the digestive system may be linked to obesity, as well as other effects.

“Let’s hear it for anaerobic bacteria,” said Rittmann upon accepting the award. “Thanks so much to the Arizona BioIndustry Association and Arizona Commerce. I want to give special thanks to my absolutely wonderful colleagues at the Biodesign Institute.”

Rittmann, a Regents’ Professor in the Ira A. Fulton Schools of Engineering, was also honored this past year with the Simon W. Franz Award, the highest honor bestowed by the Environmental Water and Resource Institute, for his innovative work on using microorganisms to improve water quality, especially noteworthy is the membrane biofilm reactor, a technology now being commercialized to destroy a wide range of pollutants found in waters and wastewaters. This technology can remove harmful contaminants such as perchlorate, nitrates and anesthetics from water and soils.

(See RITTLMANN on page 6)
New School of Social Transformation poised to address complexities

By Carol Hughes

The ASU community is invited to a series of events Oct. 7 to officially launch the new School of Social Transformation in the College of Liberal Arts and Science as a "Our focus is on the creation of transformational knowl- edge that will allow us to envision the future and achieve changes that are win-win, nimble and just," says Mary Margaret Fonow, a professor and founding director of the school.

ASU President Michael Crow will be among the speakers at the launch ceremony and reception, which begins at 11 a.m., Oct. 7, in the Old Main Caron Ballroom on ASU’s Tempe campus. Other speakers include Fonow; Quentin Wheeler, ASU’s vice president and dean of the College of Liberal Arts and Sciences; and Linda Liederman, the dean of social sciences in the college.

A panel discussion will take place from 12:30 p.m. to 2:30 p.m. on the topics of gender, race and justice. It will be held in the Old Main Caron Ballroom with distinguished guest speakers Mark Anthony Neil and Celine Parretes Shimpette.

Neil is a professor of black popular culture in the Depart- ment of African and African-American studies at Duke University. He will focus on the recent book "New Black Man: Rethinking Black Masculinity."

Shimpette is a professor at California State, Santa Barbara, and this year, a visiting faculty fellow at Stanford University. She is a filmmaker and film scholar in Asian- American film and media studies, as well as feminist stud- ies. Shimpette received "Borighthe," her fifth experimental ethnographic film, about mothering across difference.

The School of Social Transformation was established last year through action by the Arizona Board of Regents. It combines four previous academic units: African- and African-American studies, Asian-Pacific American studies, the School of Justice and Social Inquiry, and women and gender studies.

The school is poised to tackle complex issues related to diversity, justice and social transformation, according to Fonow.

"It provides a platform for novel collaborative forms of teaching and knowledge creation that will enhance our abil- ity to make new discoveries, to create social innovations and to engage with others in changing the world," she says.

Within the school are 42 faculty representing a wide range of disciplines in the humanities, social sciences and various interdisciplinary fields. They are organized into four faculties, each with a faculty head: Stanlie James (African and African-American studies); Kathryn Nakagawa (Asian-Pacific American studies); Marjorie Zatz (justice and social inquiry) and Fonow (women and gender studies).

On Oct. 14, the new school will be celebrated and the launch ceremony and the new School of Social Transformation is available online at http://stl.asu.edu or by calling (480) 965-2358.

Hughes, with the College of Liberal Arts and Sciences, can be reached at (480) 965-4375 or carol.hughes@asu.edu.

Research focus on ethics of technology

By Janie Magnusdottir

The National Science Foundation has awarded a large grant to a transdisciplinary team of faculty at Arizona State University to con- tinue research on the growing lag between emerging scientific and technological solu- tions and the policies and ethics that govern them, and to recommend solutions for improving the timeliness and flexibility of this regulatory process.

The $266,296 grant will fund the Adapting Law to Rapid Techno- logical Change project as a com- plement to the Lincoln Center for Applied Ethics’ Projecting the Future. The project will be directed by Gary Marchant, the executive director of the Center for the Study of Law, Science & Technology at the San- dra Day O’Connor College of Law; Andrew Aaland, the center’s direc- tor; Braden Allenby, the ASU Lin- coln Professor of Engineering and Ethics in the Ira A. Fulton Schools of Engineering; and Michael Herkert, the ASU Lincoln Associate Pro- fessor of Ethics and Technology in the School of Liberal Arts and Sciences.

"As technology advances ever more quickly, the legal system’s ability to act responsibly, and slow down, says Marchant, the grant’s principal investigator. "The purpose of this project is to dem- onstrate that there is a problem and to find new mechanisms for more
dynamic and responsive oversight."

Peter French, the director of the Lincoln Center for Applied Ethics and the chair in Ethics at ASU, says the federal grant will carry on the multiyear project the center funded last year through action by the Arizona Board of Regents.

"The Projecting the Future that we funded as a launching pad for the current study focused on the in- ability of existing public policy and ethical and legal tools to keep pace with developments in areas such as genomics, biotechnology, nanotechn- ology, information technology, cognitive sciences and enhancement technology,” French says. "Brad, Joe and Gary have taken the lead inter- nationally in trying to develop sys- tematic approaches to what clearly are and will continue to be among the most important issues confront- ing the global society."

Many examples exist of the law not keeping pace with technology, Marchant says, such as genetic testing that is rapidly being deployed in many medical applications, but there is little regulatory oversight or provision of oversight of these tests.

"Another is nanotechnology,” he says. "We have this technology going forward in unusually un- precededented ways, and the regula-
By Debbie Freeman

Even the worst recession since the Great Depression couldn’t stop the Arizona Capitol Times from boosting the state’s economy and giving back to the community. The newspaper and its parent organization were honored with five of the best businesses each year the W. P. Carey School of Business at Arizona State University to recognize firms that demonstrate ethics, energy and excellence in entrepreneurship.

“Year’s finalists were dis-

Annual award honors top Arizona business enterprises

By Karen Engler

Answer 1 Communications, Caliente Communications, Inc., D. P. Electric, Inc., Express Digital Solutions and Teralterre. The other Spirit of Enterprise Finalists this year are Home, Great Ideas, JSL Management, OrdZ, Medical Consulting and Scott Business Group.

The conference is for all ASU staff, faculty and students – and there is something for everyone. The conference will take place from Oct. 21 at all four campuses. Each campus will offer individu- 

The conference offers some new opportunities to develop skills and meet with great talent, while also allowing students to get hands-on business experience. Through the center, businesses can access short, non-degree programs for busy executives and create connections to other ASU business resources. Teams of W. P. Carey School of Business students also conduct research to help Valley compa-

The award winners are Gary Naumann, the director of the Spirit of Enterprise Center at the W. P. Carey School of Business; “One group has sur-

The goal of the conference is to provide readily accessible information, resources and strategies to facilitate small and student- run companies to succeed in their current position and in their long-term career. The conference also provides workshops on issues and needs that are common to ASU students as the evolution of the American University. Accordingly, the design of the workshops corresponds to the newly developed “University’s Core Expectations for ASU Staff.” Some of the workshops the groups plan to offer this year include "Legal Issues in the Workplace," "Genetic Diversity in the Workplace," "Effective E-mail Commu-

In support of ASU’s commitment to sustain-

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Lectures

Friday, Oct. 2

“The Learning Curve for Southern African Community-Based Wildlife Management: CAMPFIRE in Zimbabwe and Namibia,” 7:30 p.m., Life Science Center (LS) 1-104. Speaker: Peter Balile, associate professor, Department of Political and International Affairs, George Mason University, with a joint appointment in the Department of Environmental Science and Policy. Sponsored by School of Life Sciences, Center for Doctoral and Postdoctoral Studies. Information: (480) 965-2093.

Tuesday, Oct. 6

Premotor cortex, action control, and language,” 12:05 p.m., Psychology Building, room 161. Speaker: Arthur Glenberg.

Wednesday, Oct. 7

“Ligand-receptor Dynamics: From Potential Reconstruction to Energetics,” 4:40-5:30 p.m., gIoS 481. Speaker: Dr. Sharon Harlan, Associate Professor, University of Arizona. The Ecosystem Engineering seminar series is jointly sponsored by the ASU Center for Environmental fluid Dynamics and the Global Institute of Sustainability.

Thursday, Oct. 8

Religion, Conflict and Politics in the Middle East,” 4:30 p.m., Biological Sciences Center (BSC) 1-200. Speaker: Khouri, Simon Ortiz and Labriola Center Lecture on Indigenous Land, Culture, and Community, 7-11 p.m. Heard Museum, 2300 N. Central Ave., Phoenix. Speaker: acclaimed novelist Leslie Marmon Silko, author of such books as “Ceremony” and “Dust Devil.” Information: (602) 954-7285. "Biotic nativeness: a historical look at a "simply negative" idea," 2 p.m., E.W.-ing 104. Speaker: Matthew Flinders, assistant research professor, Center for Biotic Society, School of Life Sciences. Information: bart.hoffman@asu.edu

Friday, Oct. 9

Friday Conversations #11, 1:10 a.m., ASU Art Museum, Jillian Mcdonald speaks on “Alpaca Together in the Dark,” 7:30 p.m., Center for the Study of Religion and Religious Conflict. Information: (480) 965-2093.

Saturday, Oct. 3


Tuesday, Oct. 6

University Club Colloquium, room 1-30 p.m., University Club. Speaker: Sandra Dowell, Mayor of the City of Mesa Court Justice, Members only, plus one guest. Chair’s choice buffet, 5:15, R.S.V.P. Information: (480) 965-3765.

Wednesday, Oct. 7

Staff Appreciation BBQ, 11:30 a.m.-1:30 p.m., Old Main Lawn. Tempe Campus. Bring reservation confirmation page to reception. Information: http://asu.az.edu.

Friday, Oct. 9

Ollie’s Storybook Adventures, 10 a.m., Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix. Children ages 3 to 6 and their parents are invited. Today’s theme is “Introduction to the Sonoran Desert.” Information and reservations: (480) 965-2350.

Tuesday, Oct. 12


Wednesday, Oct. 14

Distinguished Visitors Writers Series guests discuss their craft, 2-5:30 p.m. (Schaefer) and 3:30-5:30 p.m. (Hahn) Piper Writer’s House. Sponsored by the Piper Center for Creative Writing. Information: (480) 965-6018 or www.asu.edu/piper.

Resume Writing I: Identifying and Building Your Professional Skills, 9 a.m.-noon, (Schechter) and 1:30-2:30 p.m. (Hahn), Piper Writer’s House. Sponsored by the Piper Center for Creative Writing. Information: (480) 965-6018 or www.asu.edu/piper.

Miscellaneous

Friday, Oct. 2

ASU Art Museum, Speaker: Julie Anand. Information: (480) 965-2192.

Saturday, Oct. 3


Saturday, Oct. 3

“Deciphering and Modulating Cellular Signaling with Combinatorial Biology,” 3:30-5 p.m., PS H-150. Speaker: Sachdev Sidhu, Institute for Cancer Research, University of Toronto. Sponsored by Department of Chemistry and Biochemistry. Information: bart.hoffman@asu.edu

October 2, 2009

Holocaust survivor to speak at Downtown Phoenix campus

By Marshall Terrill

Holocaust survivor Benzion Scheer will remember the stories of great suffering, remarkable determination and acts of heroism at a lecture this week.

Scheer will present, “Personal Reflections on Surviving the Holocaust and Life After,” 7 p.m., Oct. 8, at the College of Nursing and Health Innovation Building, 250 N. 3rd St., Innovation Audium, Phoenix. The presentation is part of ASU’s School of Letters and Science’s Fall 2009 Humanities Lecture Series. The lecture series is free and open to the public.

“Although the horrors of the Holocaust occurred over 60 years ago, the awful effects are still with us,” says Mena Lautot, a senior lecturer with the College of Nursing and Health Innovation and coordinator of the lecture series. “Passing on these personal histories is an opportunity for future generations to remember and respect what is possible.”

Scheer was an elderly living family life in Poles, where he spent the next several years of his life while he was liberated by the American Army. In 1945, he returned to his native country, where two years later and subsequently met Lillian, his wife of 50 years. They had two children.

Scheer says, “I try hard not to think about those days which are dead. There is so much to remember and so many things to accept. It is hard to accept one has survived, when one’s family and friends are dead. There is so much to remember and so much to tell.”

Scheer is approximately six million European Jews were killed during World War II under the state-sponsored “Final Solution,” the systematic extermination of Jews, Gypsies, homosexuals, Jehovah’s Witnesses, and other political and religious opponents. With this number in mind, the total number of Holocaust victims also should include the Nazi murders of ethnic Poles, Romanians, Soviet civilians, Soviet homosexuals, Soviet prisoners of war, people with disabilities, homosexuals, Jehovah’s Witnesses, and other political and religious opponents. With this number in mind, the total number of Holocaust victims is estimated at between 11 and 17 million people.

For more information, visit the Web site http://asu.az.edu/las/.

Reading and book-signing, 7:30 p.m., Rectal Hall. Featuring poet Kimiko Hahn and author Harold Schechter. Sponsored by Poetry and Creative Writing. Information: (480) 965-6018 or www.asu.edu/upr.

Thursday, Oct. 15

Resume Writing II: Selling Your Professional Skills, 1:30-2:30 p.m., SV room 329. Sponsored by ASU Career Services. Information: (480) 965-2363.

“Locating Funding,” 3-4:45 p.m., Academic Center (CNTR) room 225. Sponsored by Office of Research and Sponsored Projects Administration. Information and registration: http://orascadm.asu.edu/ord/3954.

Friday, Oct. 16


Science Cafe, 3:00-3:30 p.m., Arizona Science Center, 600 E. Washington St., Phoenix. An informal discussion of timely issues of science and society sponsored by Center for Nanotechnology in Society. Information: http://cns.asu.edu/.

Events and Performances

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

**Indicates ticket are available at ASU Gammage, Mill Avenue and Apache Boulevard, (480) 965-4956; ASU Kerr Cultural Center, 611 N. Scottsdale Road, Scottsdale, (480) 965-2660.

Friday, Oct. 2

“Will Eno’s Tragedy,” 7:30 p.m., Jaycee Theatre. A satirical look at the power of the media in which the setting sun incites panic in a seasoned team of television news reporters. Continues at 7:30 p.m., Oct. 3, 8-10, 15-17, 2 p.m., Oct. 11, 18.

“Turn of the Screw,” 7:30 p.m., Evelyn Smith Music Theatre, Oryc Lynce Theatre presents: The english opera based on a ghost story. Continues at 7:30 p.m., Oct. 3-9.*

Sunday, Oct. 4

Elizabeth Buck, associate professor of flute, 2:30 p.m., Katin Concert Hall.*

Monday, Oct. 5

Sinfsorietta, 7:30 p.m., ASU Gammage. **

Wednesday, Oct. 7

Coffee at Kerr, 10:30 a.m., ASU Kerr Cultural Center, Scottsdale. Arizona Opera presents: “Intro to Cool fan tufe.” Coffee provided by Alta Cating. Free but RSVP required. (480) 965-2660. Bring a can of food or sealed personal item to be donated to the Camino Food Bank.

Charles Lewis & Friends, 7:30 p.m., ASU Kerr Cultural Center, Scottsdale.*

Thursday, Oct. 8

Guitars in the Emporium, 7:30 p.m., Katin Concert Hall. Lizenm, a protege of Andrés Segovia, performs music of many periods and styles.*

Friday, Oct. 9

Arizona Contemporary Music Ensembles, 7:30 p.m., Katin Concert Hall.

Quartal Guerillas, 8 p.m., ASU Kerr Cultural Center, Scottsdale. Guerilla will perform his own compositions with their blend of soul, jazz and Brazilian music on violin.**

Saturday, Oct. 10

Faculty Chamber Music Ensemble, 7:30 p.m., Katin Concert Hall.

ASU Vocal Jazz Ensemble, 7:30 p.m., Rectal Hall. Program is “Straight, No Chaser.”

Sunday, Oct. 11

*Great 8s of Improv,” 2:30 p.m., Organ Hall. Organist Dietrich Stiefel and Harpist, opens the Fabulous Fifties season. Stiefel, who lives among the Dutch organ community and is a specialist in historical performance, will play works by the famous composer trio Buthodt, Binth and Bach.

**Indie filmmaker brings her perspective to ASU

By Danielle Ruffner

Heather Rae, a 30-year independent film producer and director recently named by Variety as one of the industry’s “30 producer directors to watch,” promotes a wide array of American culture through films committed with racial identity, cultural politics, social concerns and human connection through the arts.

Rae will be at Arizona State University to deliver the Jonathan and Maxine Marshall Distinguished Lecturer at 7 p.m., Oct. 7, in the Memorial Union Pima Auditorium. Reservations are required for both student events and are available online at https://azu大盘e. MarshallFest. com.

With 20 years in the film industry, Rae is the producer of more than a dozen documentaries and several features. The well-known “Frozen River” premiered and won the grand jury prize at the 2008 Sundance Film Festival. It also won the Gotham Award for best picture and best actress, and was nominated for seven Spirit Awards, including one for producer of the year.

Rae, who is also a musician, collaborated the work of more than 50 Native American filmmakers and screenwriters as director of the Native American Program at the Sundance Institute, a post she held for five years.

Among her often-cited works is “Trudell,” a 2005 documentary she directed and produced about renowned Native American activist and poet John Trudell.

The film was nominated for the Sundance grand jury prize and won several awards, including the special jury prize at the Seattle Film Festival and the best documentary from the American Indian Film Festival.

Rae is the director and producer of “Family: The First Circle,” a documentary in post-production that explores the foster care system and the American family. In 2008, the project received the Sundance documentary grant and was selected for Tribeca All Access from the Tribeca Film Institute in New York. She also is producing “American Tramps,” which will be financed and distributed by the newly formed Maya Entertainment.

In addition to her film credits as a director and producer, Rae also has appeared in a number of films, including “Bud” and “Disappearance.”

Rae lives in Idaho and owns The Muse, a down-town Boise arts collective where arts, business and culture converge. The collective offers space for artists and small business owners to contribute to the developing downtown while advancing the arts. She also is an adjunct instructor at Boise State University.

The Jonathan and Maxine Marshall Distinguished Lecture Series brings to ASU nationally recognized scholars concerned with promoting culture through the humanities and a better understanding of the problems of democracy. The annual lecture series was established in 1993 with support from Jonathan Marshall (deceased) and Maxine Marshall, estimators of the Sundance Film Festival.

The lecture series has featured notable journalists, authors and commentaries, including Calvin Trillin, Jon Meacham, Robert Wright, Seymour Hersh, Paul Krugman, Arthur Schlesinger Jr., Daniel Goldhagen, Douglas Goodkind and Robert F. Kennedy Jr.

Further event information is available online at MarshallFest. com. To reach the ASU Kerr Cultural Center, by e-mail at dsevent@asu.edu or by calling (480) 965-9005. Online maps of Tempe campus parking are available online at www.asu.edu/map.

Carol Hughes, with the College of Liberal Arts and Sciences, can be reached at (480) 965-6375 or e-mail hughec@asu.edu. 
Rittmann receives top award at annual Arizona science event

By Liz Massey

Seeking to honor those who have made outstanding contributions to Arizona, the Arizona Alumni Association and the ASU community, the Alumni Association is accepting nominations for its annual Founders’ Day Awards. The awards will be presented at the Founder’s Day 2010 celebration, scheduled to take place at the Arizona Biltmore Resort & Spa on Feb. 24, 2010.

The nomination deadline is 5 p.m., Oct. 21. Nominations are due Oct. 21, 2009. The Alumni Achievement Award is presented to an alumnus or alumna who has excelled in his or her profession and contributed to ASU and/or the ASU Alumni Association and the community.

The Young Alumni Achievement Award is presented to an alumnus who has excelled in his or her profession and contributed to ASU and/or the ASU Alumni Association and the community.

In addition to the awards presented by the Alumni Association, the ASU Foundation will honor its officers in recognition of significant contributions to the ASU Foundation and the Arizona community.

ASU seeks nominations for Founders’ Day Awards

The Association’s annual awards ceremony, the largest gathering of Arizona’s retired educators, will celebrate its 50th anniversary on Oct. 21. The annual event will recognize Arizona’s retired educators for their contributions to the Arizona community and the university. The Association is accepting nominations for the event’s top award, the ASU Alumni Association’s Distinguished Educator Award, in four categories: Faculty Achievement; Staff Achievement; Young Alumni Achievement; and Alumni Achievement.

Nominations are due Oct. 21, 2009, at www.asu.edu/annualfoundersday/awards.

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

New meal plans for faculty, staff

No brown bag to Oct. 8. Sun Devil Dining is unveiling its new faculty and staff meal plans. Eat at any of the campus’ cafeterias – Penticoon in the Memorial Union, Sunny Man in Manzanita, Hassayampa or Taylor Place on the Downtown Phoenix campus – for 50% off from 11 a.m. to 12 p.m. and 1 p.m. to 4 p.m. If you want to continue with this price, you can purchase a Faculty & Staff Dining Plan online at www.asu.campusdish.com or by calling the Dining Office at (480) 727-3156. Faculty and staff also choose from a variety of meal plans specifically designed to meet their individual needs.

Information sessions for doctoral students

Individuals interested in pursuing the doctoral degree in leadership and innovation offered by Arizona State University’s College of Teacher Education and Leadership (CTEL) can meet with faculty and current students at one of four upcoming information sessions.

Sessions will take place from 5:30 p.m. to 6:30 p.m., Oct. 15, Nov. 12, Dec. 3 and Jan. 14, in the faculty/staff lounge, room 240, of the University Center Building on ASU’s West campus, 4701 W. Thunderbird Road in Phoenix. Light refreshments will be served. Sessions are identical, so there is no need to attend more than one. RSVPs are requested at (602) 543-6398, via e-mail at ctelquestions@asu.edu or online at http://teach.asu.edu/node/117. CTEL’s doctoral degree in leadership and innovation is designed for working professional educators. The next group of students admitted to the three-year program will begin their studies next summer. The application deadline is Jan. 31.

Our program has proven extremely popular with educators who want to become more thoughtful, intentional and informed leaders, whether they work in a K-12 setting or with adult learners,” says Suzanne Painter, the program director and CTEL’s chair of graduate studies and professional development. “Pursuing research into action is a key focus of the program. Students conduct multiple studies to learn by doing and to bring about change based upon scholarship.”

The keynote speaker is Eugenie Birch, the co-director of the University of Pennsylvania Institute for Urban Research and a professor in Penn’s Department of City and Regional Planning. Admission is free. RSVPs are encouraged. For information, call or e-mail Fang Jiang at (602) 496-1176 or fang.jiang@asu.edu.

For a complete list of panelists, visit the Web site http://universitydesign.asu.edu/events/conferences/asu-commu-nity-dialogues.

ASU invites children to enter contest

ASU is inviting schoolchildren from all over the state to enter its 25th annual Martin Luther King Jr. essay-contest contest. Winners will receive savings bonds and have their entries displayed at ASU. They also will be honored at ASU’s Martin Luther King Jr. celebration breakfast in January, along with their parents, teachers and school principals. Entries must be postmarked by Nov. 4.

ASU started the contest 25 years ago to encourage children to discuss the ideals of the civil-rights leader with their parents and teachers. Students are asked to create their entries around the theme, “Beyond the Dream: Building Communities Through Servant Leadership,” focusing on a member of their family, school or community who demonstrates leadership through service. Essays or poems depicting the theme must be 250 words or less. The winning posters will be made into mouse pads, so they will be available as small as 4 1/2 inches by 11 inches, but no larger than 6 3/4 by 11 inches. Prizes are $150, $100 and $75 savings bonds. Entries in each of the three categories will be judged on: (1) content (by grade level: primary [kindergarten through second grade]), intermediate (third through fifth grade), and secondary [sixth through 12th grade]); (2) creativity and best depiction of the theme. Entry Form can be found online at the Web site http://www.asu.edu/mlkcontest.html. For more information, or to request entry forms in the mail, call 1-800-543-5390 or e-mail mlk-contest@asu.edu.

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Sessions will take place from 5:30 p.m. to 6:30 p.m., Oct. 15, Nov. 12, Dec. 3 and Jan. 14, in the faculty/staff lounge, room 240, of the University Center Building on ASU’s West campus, 4701 W. Thunderbird Road in Phoenix. Light refreshments will be served. Sessions are identical, so there is no need to attend more than one. RSVPs are requested at (602) 543-6398, via e-mail at ctelquestions@asu.edu or online at http://teach.asu.edu/node/117. CTEL’s doctoral degree in leadership and innovation is designed for working professional educators. The next group of students admitted to the three-year program will begin their studies next summer. The application deadline is Jan. 31.

Our program has proven extremely popular with educators who want to become more thoughtful, intentional and informed leaders, whether they work in a K-12 setting or with adult learners,” says Suzanne Painter, the program director and CTEL’s chair of graduate studies and professional development. “Pursuing research into action is a key focus of the program. Students conduct multiple studies to learn by doing and to bring about change based upon scholarship.”

The keynote speaker is Eugenie Birch, the co-director of the University of Pennsylvania Institute for Urban Research and a professor in Penn’s Department of City and Regional Planning. Admission is free. RSVPs are encouraged. For information, call or e-mail Fang Jiang at (602) 496-1176 or fang.jiang@asu.edu.

For a complete list of panelists, visit the Web site http://universitydesign.asu.edu/events/conferences/asu-commu-nity-dialogues.

ASU invites children to enter contest

ASU is inviting schoolchildren from all over the state to enter its 25th annual Martin Luther King Jr. essay-contest contest. Winners will receive savings bonds and have their entries displayed at ASU. They also will be honored at ASU’s Martin Luther King Jr. celebration breakfast in January, along with their parents, teachers and school principals. Entries must be postmarked by Nov. 4.

ASU started the contest 25 years ago to encourage children to discuss the ideals of the civil-rights leader with their parents and teachers. Students are asked to create their entries around the theme, “Beyond the Dream: Building Communities Through Servant Leadership,” focusing on a member of their family, school or community who demonstrates leadership through service. Essays or poems depicting the theme must be 250 words or less. The winning posters will be made into mouse pads, so they will be available as small as 4 1/2 inches by 11 inches, but no larger than 6 3/4 by 11 inches. Prizes are $150, $100 and $75 savings bonds. Entries in each of the three categories will be judged on: (1) content (by grade level: primary [kindergarten through second grade]), intermediate (third through fifth grade), and secondary [sixth through 12th grade]); (2) creativity and best depiction of the theme. Entry Form can be found online at the Web site http://www.asu.edu/mlkcontest.html. For more information, or to request entry forms in the mail, call 1-800-543-5390 or e-mail mlk-contest@asu.edu.
Research grants target today's urgent social, scientific challenges

(Continued from page 1)

The goal of ASU’s new center is to design and construct a synthetic system that uses sunlight to convert water cheaply and efficiently into hydrogen fuel and oxygen. Society requires a renewable source of fuel that is widely distributed, non-pollutant and environmentally clean. The use of solar energy to produce a clean fuel such as hydrogen is considered necessary to satisfy these criteria at a scale large enough to meet the world’s energy demands.

Photo-bioreactors use photosynthesis to oxidize water, producing oxygen and fuel compounds such as carbohydrate and hydrogen. The system is designed to be flexible with bringing the project to fruition.

Middleton says the collaborative concept embodies the New ASU Indian Creek campus. “This project is a multidisciplinary approach, which sets the theoretical foundations of immigran adapt child development,” says Li. “This learning approach is enabled by the simulation and data acquisition design that ensures clinical meaningfulness of the data.”

October 2, 2009

A grant of $190,770 from the National Insti-

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Huang is a professor in the department of biological sciences and a member of the Arizona Cancer Center.

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Virtual Counseling Center provides online guidance for the future

By Veronica Palmer Martin

His office is overflowing with stacks of research reports on career counseling, stress reduction and how to improve the quality of one’s mental health. However, Horan says, he takes just seconds and a couple mouse clicks for John J. Horan, an Arizona State University professor, to discover how anyone’s career test results were coded and to pull out career information within nearly 3000 occupations, each related to degree programs offered by 76,000 educational institutions.

“Through the Internet Counseling Center (VCC), an array of scientifically validated career exploration tests can be taken and scored online,” Horan says. “The VCC is a terrific resource for our students,” says Elizabeth D. Capaldi, ASU’s executive vice president and provost. “Linking ‘Degree Search’ to the VCC’s extensive career database will allow our students to test their ideas and help understand what careers are possible for each major.”

"If there’s a way to measure and match them to jobs, we’ve got it on the VCC, as well as programs to help them stay on course,” Horan says. “He notes that one reason students prefer the VCC over our current counseling center is that they don’t have to show up. They can do counseling with the VCC from their computer at home, a coffee shop, or a library. They can do counseling whenever and wherever it’s convenient for them.”

The VCC began to take off three years ago with the help of John Horan, a career counselor who was looking for an effective way of giving career counseling to college students. Horan says the VCC is adding a couple of services to its Web platform that will enable students to stay connected with their counselors, all for free. Given the condition of the national economy, this is welcome news to school districts and taxpayers as well as being beneficial to the students themselves. Other counseling resources available on the VCC include practice items for the AIDS and other high-stakes tests, health and wellness tutorials, and an array of stress reduction programs such as relaxation training and an online cognitive therapy curriculum.

Nominations sought for 2009 MLK leadership award

By Veronica Palmer Martin

The funding provided a Web platform and some of the resources to flesh out this concept. The VCC now is supported by other grants and administered by ASU’s Center for Research on Educa- tion in Science, Mathematics, Engineering and Technology (CRESMET).

Tracey, an ASU professor of counseling psychology, coordinated two seminars and used the resources and devices to help get the VCC started. Her inventory of Children’s Activities such as acceptance of others, a willingness to change, the ability to conceptualize and communicate concepts, and the ability to build a sense of community in the workplace.

To receive a copy of the nomination form, call Michelle Johnson at ASU Gammage, (480) 965-3916, or e-mail to mncp@asu.edu. To read about the 2009 winners of the Servant-Leadership Award, visit http://asu.asu/mkl/servant_leaders.html.

Talk explores spiritual aspect of death, dying

By Matt Crum

A panel of Arizona State University professors who have their diverse research expertise about death and dying during an Oct. 8 event at ASU West campus. "Philosophical Spiritual Questions Concerning Death & Dying: An interdisciplinary- interface panel discussion" will take place from 11 a.m. to 1 p.m. in the auditorium, on the corner of 70th and Thunderbird Road in Phoenix. The public is invited and there is no admission charge. Light refreshments will be served.

"This event will give interested community members the chance to engage with faculty and students in a conversation about death and dying as a topic that is broadly philosophical and practical, personal and universal," says Martin Beck Matuštík, the Lincoln Professor of Ethics and Religion in ASU’s New College of Interdisciplinary Arts and Sciences and one of the five panelists. “The discussion is intended for those with interest in ethics and ontology as well as those who work in grief, trauma and bereavement counseling and literature. In addition to Matuštík, panelists include Ramsey East, Ramsey, an associate professor in New College and Barrett, the Honors College. Ramsey will lead the discussion by reflecting on "The Apology" in the context of philosophy as a way of life. Next, Patricia Huntington will consider death and dying from a psychological perspective. Huntington is invited and there is no admission charge.

By Stephen Des Georges

Martin Luther King Jr. – clergyman, activist, civil-rights giant – once longed to deliver himself from the shackles of racism and division. It is a lesson that has its rewards at Arizona State University, as the call goes out for nominations for the 10th annual 2010 ASU MLK Student Servant-Leadership Award.

Deadline for submission of nomination oct. 7

The ASU MLK Committee will present the award at the MLK breakfast event in the Wells Fargo Ballroom in central campus, 11 a.m.-1 p.m.

“The ASU Martin Luther King Student Servant-Leadership Award has become one of the most highly prized awards because it highlights the commitment among current and alumni students taken by our national, community and collegiate leaders to build better communities through the vision and legacy of Dr. King,” says Sarah Hinnant, ASU MLK committee member and executive director of ASU Gammage.

“This award recognizes those who have quietly toiled to make Arizona a better place for everyone,” the committee writes.

The ASU community is invited to nominate candidates who are full-time students at the university and exemplify the ideals of servant-leadership through a history of volunteer service. Self-nominations are encouraged. Those seeking to nominate a student must contact an MLK committee member prior to submitting a nomination to the committee. The committee will review the nomination form, make sure it is properly completed and can speak on behalf of the nominee.

“Servant leadership is a practical philosophy which supports people who choose to serve first, and then lead as a way of expanding service to individuals and institutions,” says Jennings-Roogrnack, who is a graduate of Barrett, the Honors College, and is the assistant professor of Education in Science, Mathematics, Engineering, and Technology (CRESMET).

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