INSIDE INSIGHT

12 institutions apply laws of physics in cancer fight

By Carol Hughes

Instead of killing cancer cells, researchers at Arizona State University will use the laws of physics to figure out how to control them. And, rather than treating cancer as a disease and seeking a cure, ASU scientists will view cancer cells as physical objects and study the way a physicist would, using simple vari-
sables such as temperature, pressure and force. That fresh approach is behind a new re-
search center at ASU – one of 12 Physical Science-Oncology Centers receiving some of
$22.7 million in funding this fiscal year from the National Institutes of Health’s National Can-
cer Institute. Each center will bring a non-tradi-
tional approach to cancer research with the goal of developing new meth-
ods of arresting tumor growth and metastasis.

In addition to ASU, other institutions re-
ceiving funding include Johns Hopkins University, Massachusetts Institute of Technology, Memorial Sloan-Kettering Cancer Center, Northwestern University, Princeton University, H. Lee Moffitt Cancer Center and Research Insti-
tute, University of California-Berkeley, University of Southern California and Uni-
ty of Texas Health Science Center.

The new center for Convergence of Physical Science and Cancer Biology at
ASU will receive about $1.7 million in funding for each of the first two years of a five-year proposal. Part of the plan is the es-

stablishment of a “cancer forum,” conducted by the BEYOND Center for Fundamental Concepts in Science at ASU.

(See RESEARCH on page 11)

REGENTS’ PROFESSOR:

Bruce Rittmann makes big challenges seem small

By Joe Kullman

His biotechnology endeavors focus on microorganisms. These bacteria, algae, archaea and protista are too small to be
seen by the naked eye, but have a huge impact on the ecology of the Earth and health of its inhabitants.

Rittmann directs the Center for En-
vironmental Biotechnology in ASU’s Biodi-
sisate Institute and is a professor in the School of Sustainable Engineering, and the Built Environment in ASU’s Ira A. Fulton Schools of Engineering. His classroom knowledge of advances in biotechnology, earned Bruce Rittmann, the director of the Center for Environmental Biotechnology in ASU’s Biodis-
sate Institute and a professor in the Ira A. Fulton Schools of Engineering, the distinction of Regents’ Professor.

(See RITTMANN on page 10)

Financial Times’ ranks MBA program among world’s best

By Debbie Freeman

One of the world’s leading business publications, the Financial Times, ranks the W. P. Carey School of Business at Arizona State University high on its new list of the world’s best executive MBA (Master of Business Ad-
ministration) programs. The school’s program in China comes in at No. 41 on this year’s list, ahead of all other executive MBA offerings from Arizona universities.

“The Financial Times is Britain’s equivalent of the Wall Street Journal, with 1.3 million readers, so this is a list that the business com-
munity highly regards,” said Robert Mittelstaedt, the dean of the W. P. Carey School of Business. “To be among the top 50 programs worldwide says a lot about the strength of our program and our ability to change lives through education.”

The W. P. Carey School program in Shanghai teaches executives at the highest levels of Chinese business about strategy, finance and management, while also explaining how to apply those sub-
jects in the context of the country’s changing economy. This includes sessions related to services marketing, sustainability and working with businesses in other countries.

Faculty members come from Arizona State University and other top universities, including Yale University, Massachusetts Institute of Technology and Columbia University. Students have included three vice governors of China’s major provinces and four vice may-
ors of Shanghai – a city with the population of a whole country at
14 million. Other high-profile students include the chief executive office of the Shanghai Stock Exchange, several bank chairmen, the chairman of Shanghai Airlines, the chief executive officer of Baosteel, and the deputy chief executive officer of the China Securities Regulatory Commission.

(See MBA on page 10)
Arizona's 31 state parks are in “imminent crisis” and face closure and irreparable deterioration unless new and sustainable funding is established, park officials and supporters warned at an Oct. 22 news conference.

The 46-page report was prepared by Morrison Institute for Public Policy, an independent, non-partisan center for public policy research, analysis and public outreach.

“State parks are hard assets that we as a state own, and they are deteriorating,” said Allan Markus, the Campus Health Services director, who was thanked recently for his contribution to pandemic flu planning with an autographed basketball.

Arizona state parks are 10 times that of its operating budget. Marks said he hopes the Morrison Institute report, combined with the governor’s task force on state parks to be issued at the end of this month, will help change that for Arizona.

“I hope that we can convince the governor and the Legislature that something different has to be done for the state parks system, otherwise there won’t be a state park system in just a very few years,” he said.

The new report, sponsored by the Arizona State Parks Foundation and Arizona State Parks, offers possible solutions to the funding crisis, including potential revenue options to provide stable, sustainable funding for Arizona’s state parks. Among the revenue options are partnerships with cities and communities tied to state parks and a license-plate fee of $5 to $15 per vehicle with an Arizona non-commercial license plate to visit state parks without paying an additional fee.

“Perhaps the greatest deal I have ever seen for public parks,” said Bill Seals, a member of the Arizona State Parks Board and Southern Arizona State Parks Task Force.

“Arizona state parks have an estimated $40 million to sustain operations, according to the report. Presently, state parks operate on a $19 million budget, mostly derived from Heritage Fund and user fees.

“State parks have always driven strong cultural tourism, in addition to the natural beauty, from deserts to mountains to waterways. These are from 100% of their operating budget,” he said.

A group challenging a state requirement that all health care workers in New York get vaccinated for influenza says it is seeking a federal injunction to halt nationwide distribution of the vaccine. Health law and ethics professor James Hodge doubt the federal court's power to override the states' vaccination program for health care workers. "This is not some recent fluff- in-the-pun vaccine that we hope works," says Hodge. "This was produced under the same very strict standards as any other vaccine and has undergone the same rigorous testing for safety and quality, but until proven otherwise – just as safe as any other vaccine for flu," says Hodge in the Chronicle Oct. 16.

The children of Hispanic immigrants tend to be born healthy and start life on an intellectual par with other American children, but by the age of 2 they begin to lag in linguistic and cognitive skills, according to a University of California, Berkeley study. Eugene Garcia, an education professor, says the Berkeley-led study confirmed findings by others that the children of Hispanic immigrants, for reasons that remain unclear, tend to fall behind white students by as much as a grade by third grade. New York Times, Oct. 21.

MacAlpine’s Soda Fountain in Phoenix is still practicing its trade in the same spot it opened in 1929, and despite a suc- cessful renovation completed in 2001. There are probably several reasons why the soda fountain has maintained its popularity for so long. One of these reasons is the location. It is situated in the heart of downtown Phoenix, and it is easily accessible by foot or bike. Another reason is the quality of the food and drinks they serve. They offer a wide variety of shakes, sundaes, and other treats that are sure to satisfy any craving. Most importantly, it is a place that people feel comfortable visiting because of its friendly staff and welcoming atmosphere.
New center to better address global issues

This fall, ASU Global is taking the next steps in its evolution, aligning its operations more closely with the academic core and placing greater emphasis on global engagement by merging key functions into the Office of the Provost and Office of the Vice President for Research and Economic Affairs (OVPREA).

ASU Global's Office of Policy and Strategy promotes global engagement and addresses current and emerging challenges and opportunities that arise through the university's international activities, according to Wayne Raskind, former director of ASU Global. Raskind, who will be named executive director of the newly created National Center for Global Engagement, shared the news with ASU community members and faculty members at a celebration Thursday in the Student Center.

"The new center will bring together the expertise of the service and support units that have historically worked together to serve ASU's global engagement activities,

President's Award recognizes environmental stewardship

By Christine Lambritskis

For more information, contact Jill Johnson at (480) 965-5089 or e-mail jill.johnson@asu.edu.

"(This school) represents a change of this."

By Carol Hughes

The new School of Mathematical and Statistical Sciences at ASU will teach between 27,000 and 28,000 students this year, which includes nearly 500 undergraduate majors – twice as many as five years ago, according to Wayne Raskind, the founding dean of the School.

"The very large amount of instruction we do is a source of strength," Raskind said. "It’s a big task, yet it’s only half the mission of the new school, in the College of Liberal Arts and Sciences, which was established last year by transforming the department of mathematics and statistics.

The other half of its mission is research, with the school serving as a hub and spokes going out to every academic unit at the university.

"In relationships to the initiatives that the university has embraced, climate, sustainability, ability – these are things that mathematics can play a big part, and we must if we are to be successful," Raskind said.

"I can’t imagine a time in history when what mathematicians do could be more important than now," said ASU President Michael Crow. "It seems almost like yesterday that I was a student in the School of Mathematical and Statistical Sciences, and the famous rock song is the word "mathematici-""

Anne of a new school, old agendas don’t add up

By Marshall Terrill

For more information, contact Marshall Terrill, with Public Affairs at the Down-town Phoenix campus, can be reached at (602) 496-1005 or marshall.terrell@asu.edu.

Former ASU President Lattie Coor will be speaking at the Downtown Phoenix campus as part of Barrett Honors Lecture Series.

For more information, contact Jill Johnson at (480) 965-5089 or e-mail jill.johnson@asu.edu.

President’s Award recognizes environmental stewardship

By Christine Lambritskis

For more information, contact Jill Johnson at (480) 965-5089 or e-mail jill.johnson@asu.edu.

"(This school) represents a change of this.

By Carol Hughes

The new School of Mathematical and Statistical Sciences at ASU will teach between 27,000 and 28,000 students this year, which includes nearly 500 undergraduate majors – twice as many as five years ago, according to Wayne Raskind, the founding dean of the School.

"The very large amount of instruction we do is a source of strength," Raskind said. "It’s a big task, yet it’s only half the mission of the new school, in the College of Liberal Arts and Sciences, which was established last year by transforming the department of mathematics and statistics.

The other half of its mission is research, with the school serving as a hub and spokes going out to every academic unit at the university.

"In relationships to the initiatives that the university has embraced, climate, sustainability, ability – these are things that mathematics can play a big part, and we must if we are to be successful," Raskind said.

"I can’t imagine a time in history when what mathematicians do could be more important than now," said ASU President Michael Crow. "It seems almost like yesterday that I was a student in the School of Mathematical and Statistical Sciences, and the famous rock song is the word "mathemati-""
By Shereen Eaton

The University Club, a faculty, staff and alumni gathering place on the Tempe campus, is working to offer to members the initial $100 membership fee for the next 100 new members.

Over the course of the past seven years, Atlanta has served U-Club diners with food that is as close to its pure state as possible, meaning they are sourcing producers that clean farm- ing methods. All poultry served is 100 percent natural. Beef and pork selections are either all natural or are cuts supplied by Niman Ranch, the largest network of U.S. family farmers and ranchers who raise their animals without antibiotics or added hormones and who feed them an all natural vegetable diet. On the fruit and vegetable side, more than half of the produce is organic, with Atlanta working toward providing 100 percent organic produce. Additional is prepared locally.

"When it comes to peers in my industry, I don’t consider infusing sustainable business practices into the company as being a competitive advantage,” says Steve Short, the Atlanta University Club president and chief executive officer. “It is more of a process than an end goal. It takes time and focus.”

Ekekah Malotki, a well-known rock art scholar, will give a talk titled “The ‘Deep Structure’ of Non-Iconic Rock Art,” at 1 p.m., Nov. 7, at the Deer Valley Rock Art Center. Malotki will introduce a countervailing view to the standard imagery, which many rock art researchers consider to have little interest because it has seemed to them to be an expression of the individual and of their society’s interests. Malotki will introduce a countervailing view based on findings and ideas from neuroscience and evolutionary psychology that support the existence of human universals.

"Across the globe, all earliest mark-making traditions consist entirely of abstract-geometric motifs and non-figurative patterns, regardless of whether they occur on portable objects or on rock surfaces. This is also true for the Middle-West, which houses a wealth of painted and engraved non-representational images.

"To shed light on this enigmatic yet fascinating imagery, which many rock art researchers consider to have little interest because it has seemed to them to be an expression of the individual and of their society’s interests, Malotki will introduce a countervailing view based on findings and ideas from neuroscience and evolutionary psychology that support the existence of human universals.

"In the interest of ASU’s sustainability efforts, Atlanta is the perfect fit to serve as the U-Club’s catering company,” Smith says.

These business practices extend outside the kitchen for Atlanta employees. The company is currently developing a reimbursement program to reward employees who use alternative forms of transportation to travel to and from work, including carpooling, bicycling or public transportation.

"I hope the way we do business inspires our employees to transfer their work life into their personal way of life,” Short says.

About 20 of Atlanta’s 85 employees work at the University Club as service and kitchen staff. Since opening its doors in 1981, Atlanta has grown into the largest privately owned University Club manager.

More than 850 individuals are current U-Club members and the organization is aiming to increase this number to 1,000 by waiving the initial $100 membership fee for the next 100 new members.

Color, bold forms accent new ASU Gammage exhibit

By Judith Smith

The Deer Valley Rock Art Center, an archeology museum located in northwest Arizona, will conduct a free lecture at 1 p.m., Nov. 7, at the Deer Valley Rock Art Center.

Ekekah Malotki, a well-known rock art scholar, will give a talk titled “The ‘Deep Structure’ of Non-Iconic Rock Art: Human Universals.”

Ekekah Malotki, a well-known rock art scholar, will give a talk titled “The ‘Deep Structure’ of Non-Iconic Rock Art,” at 1 p.m., Nov. 7, at the Deer Valley Rock Art Center. Malotki will introduce a countervailing view to the standard imagery, which many rock art researchers consider to have little interest because it has seemed to them to be an expression of the individual and of their society’s interests.

Malotki will introduce a countervailing view based on findings and ideas from neuroscience and evolutionary psychology that support the existence of human universals.

"In the interest of ASU’s sustainability efforts, Atlanta is the perfect fit to serve as the U-Club’s catering company,” Smith says.

These business practices extend outside the kitchen for Atlanta employees. The company is currently developing a reimbursement program to reward employees who use alternative forms of transportation to travel to and from work, including carpooling, bicycling or public transportation.

"I hope the way we do business inspires our employees to transfer their work life into their personal way of life,” Short says.

About 20 of Atlanta’s 85 employees work at the University Club as service and kitchen staff. Since opening its doors in 1981, Atlanta has grown into the largest privately owned University Club manager.

More than 850 individuals are current U-Club members and the organization is aiming to increase this number to 1,000 by waiving the initial $100 membership fee for the next 100 new members.
ASU

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

Meetings

**Monday, Nov. 2**

University Senate, 3-5 p.m., Education Lecture Hall (ECL) room 117. Information: (480) 965-2222.

Lectures

**Monday, Nov. 2**


**Wednesday, Nov. 4**


**Monday, Nov. 9**


**Wednesday, Nov. 11**


**Thursday, Nov. 12**

“Where the Mind Goes,” 3:30-5 p.m., Memorial Union Alumni Lounge (MUAL). Speaker: Thomas D. Givens, professor and chair, Department of Psychology, Cornell University. Sponsored by Department of Psychology Information: (480) 965-7598.


**Friday, Nov. 13**


Conferences and Workshops

**Wednesday, Nov. 4**

20th Annual “Compete Through Service” Symposium, 12:30 p.m., Rio Caronito Paradise, 2401 E. Camelback Road, Phoenix. A dynamic gathering of executives focusing on internal and external service excellence as a source of competitive advantage. Includes a speaker panel and national leadership. Cost: $950-$1,600. Continues through 12:30 p.m., Nov. 6. Information and registration: http://kpayrey.asu.edu/ymposium.

**Saturday, Nov. 7**

“Robotics Technology and the Next Frontier in Surgical Care,” 8 a.m.-4 p.m., Hotel Valley Ho, 8855 E. Main St., Scottsdale. The seminar will focus on the advantages of robot-assisted surgeries. Traditional open surgery, and advances in the engineering of robotic technology. Open with social hour 9-7:45 p.m. Nov. 6. Sponsored by IRA Fulton, ASU, and University of Arizona College of Medicine. John C. Lincoln Health Network. Information: (480) 727-8442.

**Sunday, Nov. 8**


**Friday, Nov. 13**

Friday Conversations #11, 11 a.m., ASU Art Museum. Jillian McDonald and John Spak speak on “Alone Together in the Dark: The End.” Information: (480) 965-2177.

Miscellaneous

**Saturday, Oct. 31**

Homecoming Tailgate, 9 a.m., University Club. Cost: $15 per person. RSVP: (480) 965-0701.

**Sunday, Nov. 1**

Champagne brunch and “Phantom Matinée”, 10:30 a.m.-1 p.m., ASU Event Center. University Club. matinée performance of “The Phantom of the Opera,” 1 p.m., ASU Gammage. Information: (480) 965-0701.

Campus Harvest Date Event, noon-2 p.m., Engrained Restaurant, Memorial Union. Slow Food Phoenix, ASU’s Campus Harvest program and Engrained Restaurant are the sponsors. Tickets: $15 Slow Food member, $20 general admission. RSVP: http://dates.eventbrite.com.

**Monday, Nov. 2**

La Fiesta en Conmemoración del Día de los Muertos, 2-4 p.m., Memorial Union (MU) Alumni Lounge (212). The event includes poetry reading and storytelling featuring Regents’ Professors Alberto Ríos; Día de los muertos documentary screening; celebratory feast in honor of the dead; and a tour of the altar display in the Anthropology Museum. Spon
父母的参与是不可缺少的，因为他们可以在孩子的小项目中提供宝贵的指导和支持。他们可以与孩子一起工作，共同创造一个有趣且具有教育意义的项目。这不仅有助于增强孩子的创造力，还能加深他们对特定主题的理解。最重要的是，父母的参与可以提高孩子的自信心和成就感，因为他们在完成项目时得到了认可和赞赏。因此，父母在孩子的艺术和工艺项目中扮演着至关重要的角色。
Alumni Association rewards service, support with annual award

By Liz Massey

The ASU Alumni Association will present its awards for Alumni Service and Alumni Appreciation during the halftime program of the ASU-California Homecoming game on Oct. 30.

Jim Kane, a 1988 graduate, and Carol Peck, who received her bachelor's degree in 1977 and has an MBA (Master of Business Administration) degree from 1984 on ASU, also will be honored during the award ceremony for her service to the Alumni Association.

Kane began his lifetime connection with ASU playing on the offensive line for the Sun Devils from 1984 through 1986. He was selected as an All-WAC (Western Athletic Conference) first team selection in 1985 and 1986. He was one of two students to be selected to play in the Senior Bowl in Mobile, Ala., in 1987. In 1995, he returned to finish his degree in business administration. Kane has been a member of the Alumni Association Board of Trustees since 1995. His other community involvement includes positions on the boards of the College of Southern Nevada and the board of the Arizona State Chamber of Commerce.

Kane has worked for more than 35 years in the energy industry, working for Arizona Public Service as a district manager, sales supervisor and supervisor assistant. He joined Southwest Gas in 1984 and has worked as a customer relations manager, a division vice president and the executive vice president of operations before becoming the organization's CEO in 2004.

A three-time graduate of ASU, Peck is being honored for her contributions to education and teaching, having taught in the state of Arizona. While superintendent for the Alhambra School District in Phoenix for five years, she was honored as Arizona Superintendent of the Year and National Superintendent of the Year. She has been a tireless advocate for the development of the College of Teacher Education and Leadership at the university, and received an ASU Visionary Award from the university's West campus in 2007. She also has been inducted into the Mary Lou Fulton College of Education's Arizona Hall of Fame and received the college's Distinguished Achievement Award.

Peck is the chief executive officer and president of the Rodel Charitable Foundation of Arizona. Peck collaborated with ASU in the development of the Rodel Community Scholars program, an initiative that recuits 30 undergraduate students at ASU's West campus and pairs them with a local high school, where they will work with education experts to develop a comprehensive plan that will address community issues affecting education.

Margaret Woodside is being honored for her service on the Southwest Interdisciplinary Research Center (SIRC), an ASU center that conducts transdisciplinary minority health and health disparities research, training and community outreach. She is a leader in the field of public health with special expertise in the family dynamics of substance abuse. She has been instrumental in developing partnerships, outreach and engagement efforts, including a recent restructuring of the center's Community Advisory Board. In addition to her work with SIRC, Woodside also serves as a board member for the Lincoln Center for Applied Ethics at ASU and the board of ASU's College of Public Policy.

Woodside was the founder and president (1982-1995) of the Children of Alcoholics Foundation, and currently chairs the Harvard School of Public Health's advisory council for its Center for Health and Society. Donald V. Budinger is a founder and the former president of Rodel, Inc., a start-up company that grew to become the world's largest manufacturer of surface finishing chemicals used in making computer chips, rigid memory disks and specialty optics.

When Rodel was sold in 1999, a significant portion of the proceeds was used to create the Rodel Foundations in education in Arizona and Delaware dedicated to educating the state's public education systems in both states so that they will be similarly recognized as two of the best in the nation. Budinger then became chairman and founding director of Rodel International and serves on the board of the organization, he has provided leadership for the development of Rodel's various programs in partnership with Arizona State University: the Rodel Community Scholars program, which pairs parents with underprivileged children who are entering high school with volunteers who will tutor and help them, and pairs them with Rodel Exemplary Teachers in order to teach them in high-poverty schools. Budinger also supports ASU's future as a member of the university's President's Circle. He is a graduate of the University of Arizona.

During her term as chair in 2008-2009, Hesse supported the emergence of the Alumni Association as a model alumni organization. Under her guidance, the Alumni Association successfully transitioned to a new Alumni Board structure and launched the ASU National Alumni Council, which extended the association's capacity to meet the needs of ASU's diverse student body and the county.

Hesse also was involved in the planning and execution of the 2009 Founders' Day Dinner and Awards ceremony. This year's event broke previous attendance records and provided a signature venue for introducing the Challenge Club at ASU to the university community.

She also supported the development of ASU's various career-related initiatives at the association, including the Mar stron and Gold Professionals and Women in Business working groups.

After her term as board chair ended July 1, Hesse became vice provost for transfer partnerships and will continue serving the university as an employee. She was president and chief executive officer of the Fennell-Gilbert Community College.

“Our award winners are exemplars of what alumni are doing to support our university,” says Christine Wilkinson, the president of the ASU Alumni Association. “We applaud the hard work of ASU’s alumni.”

Asma’s alumni hall of fame

Community leaders in education to be inducted into Hall of Fame

By Paula K. Miller

The Mary Lou Fulton Institute and Graduate School of Education presented its Hall of Fame and Distinguished Achievement awards during a reception and ceremony Oct. 29.

The event included the induction of Debra Duval and Ruth Rimmer into the Fulton Education Hall of Fame, and recognition of the Scottsdale Charros with the Distinguished Achievement Award.

Since 1998, the Fulton Institute and Graduate School of Education has annually recognized its alumni who have achieved excellence while making a difference in the field of education. The Distinguished Achievement Award is presented to individuals or groups who have made extraordinary contributions to the K-12 education system or program, or who have made extraor- dinary contributions to the success of a school or program at Arizona State University.

Debra Duval has more than 40 years of experience in the education field, having served as superintendent and most recently, as superintendent of the Mesa Unified School District, until her retirement in 2008. Throughout her tenure, Duval has achieved significant gains in many areas, including prioritizing students seeking extra support who have been identified by their teachers, reducing class size, and increasing student graduation rates.

Rimmer is a researcher, teaching psychologist and national leader in the field of education and a developer of programs to help at-risk children.

The Mary Lou Fulton Institute and Graduate School of Education will honor Donald V. Budinger on Oct. 30 at ASU's Alumni Hall of Fame award ceremony. Budinger will be presented the "Outreach Health Care Hero Award." Rimmer earned her master's and doctoral degrees from the Fulton Institute and Graduate School of Education.

Founded in 1961 as a special activity organization of the Scottsdale Chamber of Commerce, the Scottsdale Charros are comprised of approximately 350 members and have provided leadership for the Maricopa Charros since 1983.

Charros are comprised of 40 active members and more than 150 life members dedicated to serving the community through the promotion and support of education, youth programs and economic development that prepares the past while looking to the future.

The Charros and the City of Scottsdale are hosts to the San Francisco Giants Spring Training games that take place at Scottsdale Stadium in February and March every year. The season begins with the Western Heritage, an annual event with Mexican heritage music and dancing provided by the Rancho Los Cazadores group.

Through its partnership with the Arizona Diamondbacks, the Charros offer educational and social programs such as the "Charros for Children" program, which provides educational and social programs for children and teachers.

Rimmer is a researcher, teaching psychologist and national leader in the field of education and a developer of programs to help at-risk children.

Rimmer is a researcher, teaching psychologist and national leader in the field of education and a developer of programs to help at-risk children.

Among the most notable accomplishments of the Scottsdale Charros is their dedication to providing Reed, excellence in education. Through the Mary Lou Fulton Institute and Graduate School of Education, the Scottsdale Charros fund fellowship programs that bring together education experts and scholars to pursue their master's degree in education. Their commitment to education serves the community by seeking to improve the quality of the education and resources available to Arizona children and teachers.

Miller with the Mary Lou Fulton Institute and Graduate School of Education, can be reached at paula.miller@asu.edu.
Liberal Arts and Sciences honors outstanding alumni, faculty

By Carol Hughes

ASU alumna Spencer Silver, who in 1968 discovered the formula for the adhesive on the back of those ubiquitous Post-it® Notes, is this year’s recipient of the College of Liberal Arts and Sciences Distinguished Alumni Award. The award, the highest honor the college confers to a graduate who has achieved professional distinction, will be presented Oct. 30 at the university’s Homecoming Faculty and Distinguished Faculty Awards, as part of this year’s Homecoming Week festivities. Councilman Art Fry, who as its creator has received the Distinguished Achievement Award, which recognizes alumni, citizens of Arizona or others who contribute to the advancement of Arizona State University, will present the award.

David Foster, Nancy Jurik and Ronald Rutowski will receive Distinguished Faculty Awards, which are given to faculty members who exemplify the college’s mission of instructional excellence, special dedication to students and performance that makes an impact in the community or a professional field. Spencer Silver, who earned an ASU bachelor’s degree in chemistry in 1962 and a doctorate in 1966 from the University of Colorado, was a 3M scientist when he invented a microsphere adhesive, comprised of tiny bubbles, that caused the substance to stick only slightly to surfaces. Years later, 3M colleague Art Fry came up with a practical use for the glue – Post-it® Notes. In 1968, Silver sold more than two dozen patents to his credit, Silver has turned his creative energy to art and is an accomplished painter in pastels and oils. In 2008, Silver was selected to the University of Colorado Heritage Center’s “Hall of Excellence.” He also is the 1998 recipient of the Award for Creative Invention from the American Chemical Society, which is given to an inventor for successful application of research in chemistry or chemical engineering that contributes to the material properties and happiness of people.

Samantha Johnson, a case manager for Maricopa Managed Care Systems, actively pursued leadership while a student at ASU, assuring with a national conference on women with disabilities. She graduated in 2000 with a bachelor’s degree in women’s studies and has expanded her service and leadership to the broader community, serving on the city of Phoenix Mayor’s Commission on Disability Issues and on the Phoenix Commission on the Arts. Johnson is a founding board member of Arthritis Introspective, which provides wellness education and support systems to persons living with rheumatoid arthritis, has been recognized for her activism with a “Forty Under 40” award from the Phoenix Business Journal. She also was named to “Real Hot 100,” a group of young women choosing careers in the country who are breaking barriers, fighting stereotypes and making a difference in their communities.

David William Foster, a Regents’ Professor of Spanish, has been honored for his many scholarly contributions, prizes, awards, and professional distinction. The award, the highest honor the college confers on faculty members, is given to faculty members who exemplify the college’s mission of instructional excellence, special dedication to students and performance that makes an impact in the community or a professional field. Foster received his Bachelor of Arts with honors in 1971 from the University of Arizona, a Master of Arts from the University of California, Los Angeles, in 1974, and a Doctor of Philosophy in 1979. Foster was awarded the 2005 National Association of Christian Churches (NACC) Christian Scholar Award.

David Foster's work focuses on the borderlands and postcolonial studies. He has published 15 books and 60 articles in peer-reviewed journals. He is co-editor, with William Pomroy, of the book “Texas-Style Postmodern: Stephen Crane and the Modernist Imagination.” Foster is the recipient of the 2006 Outstanding Faculty Award (NACC) for his research, teaching, and service.

Top leaders named to Business Hall of Fame

By Debbie Freeman

For their significant contributions to our economy and community, two top business executives will be honored as new members of the W. P. Carey School of Business Hall of Fame. They will join an elite group of previous inductees, including leaders from the American Red Cross, Honeywell, Motorola, Free Press, Wells Fargo Bank and the Arizona Diamondbacks.

Rick Kuhle, the president of Vestar Development Company, and Robert Zollars, the chairman, chief executive officer and 2010 copy of The Arizona Diamondbacks. Both of these W. P. Carey School of Business graduates were outstanding superior leadership and determination in driving their businesses to greater heights. Robert Kuhle, is the owner, Robert Kuhle, is the owner, of the W. P. Carey School of Business. "We are proud to honor their accomplishments," Kuhle said. Kuhle has helped Vestar to become a nationally recognized shopping center developer, responsible for such projects as the Desert Ridge Marketplace in the Valley. Kuhle graduated from the W. P. Carey School of Business with a Master of Business Administration in 1982.

Robert Zollars has 30 years of health care and technology experience, including 20 years at Baxter International, where he held various divisions. He was then executive vice president of Cardinal Health, Inc., where he led five subsidiary companies. He joined Vocera Communications as chairman and chief executive officer in June 2000. Zollars is responsible for the leadership and management of solutions in health care, hospitality and other industries where mobile workers need to communicate mission-critical information. Zollars received his Master of Science degree in marketing from the W. P. Carey School of Business in 1979.

About 500 alumni, business leaders and faculty members are expected to attend the awards ceremony on Oct. 30 at the W. P. Carey School of Business. The event will run from 6 p.m. to 9 p.m., featuring a cocktail reception, dinner and a student showcase. For more details, including ticket and sponsorship information, contact Erin Vigara at (480) 965-8594 or erin.vigara@asu.edu.

Sports Hall of Fame inducts 2009 class

By Carol Hughes

Arizona State University welcomed seven individuals and one track and field relay team to its Sports Hall of Fame this year.

ASU gymnast Kate Freeland (1995-1996) was a three-time All-American and the Pac-10 Gymnast of the Year in 1996. During her four years at ASU, Freeland was repeatedly honored for her academic achievements as well as her athletic abilities as a gymnast.

ASU volleyball player Christine Garner (1992-1995) was one of the top three ASU volleyball history. She set the school’s all-time records in kills, assists and digs, and won the AVCA all-region 4A95 as a senior in 1995. She was also nominated more than 1,000 days and social aces over her career, ranking in the top 10 in school history in both. Emilee Klein (women’s soccer/1995-1994) has a highly decorated career at ASU, helping the Sun Devils to team national championships both years and winning the individual national title in 1994. She won three academic All-American honors each of her last three seasons.

Mike Saddors (baseball/1988-1991) was one of the most dominating batters ever at ASU. He ranks among the top 10 in school history in average (tied for fifth, .389) and home runs (tied for 10th, 36), despite playing just two seasons of college baseball. Saddors led the Pacific-10 Conference in home runs with a .242 average, which is the fifth-best single-season batting average in ASU history. His 100 RBI in 1988 makes him one of only three players in school history to reach that mark in a season.

He was selected by the Minnesota Twins in the first round of the 1988 MLB Draft. Cappi Safford (women’s swimming/1973-1976) was a member of four national championship teams and earned All-America honors each of her last three years at ASU. She also helped ASU to team national championships in 1973 and 1974.

Mike Saddors (baseball/1988-1991) was one of the most dominating batters ever at ASU. He ranks among the top 10 in school history in average (tied for fifth, .389) and home runs (tied for 10th, 36), despite playing just two seasons of college baseball. Saddors led the Pacific-10 Conference in home runs with a .242 average, which is the fifth-best single-season batting average in ASU history. His 100 RBI in 1988 makes him one of only three players in school history to reach that mark in a season.

Saddors was the Pacific-10 Conference in home runs with a .242 average, which is the fifth-best single-season batting average in ASU history. His 100 RBI in 1988 makes him one of only three players in school history to reach that mark in a season.
Rittmann joins ranks of ASU Regents' Professors

(Continued from page 1)

A native of Chicago, Rittmann earned an undergraduate degree in chemical engineering from the University of Illinois and a Ph.D. in environmental engineering from the University of California at Los Angeles. His 35-year career at ASU includes service as director of the Water and Environmental Research Center beginning in 1985. He directed the initiative that led to the founding of the Water Research Laboratory and the School of Sustainable Engineering and the Built Environment in 2006. Rittmann has served on several national commissions and panels, and is a member of multiple professional societies.

The Arizona State University Regents’ Professor title is presented to those faculty members with a record of excellence who have provided exceptional service to the university and to the community.

ASU Parents celebrate silver anniversary

The Arizona State University Parents Association (ASUPA) will celebrate its silver anniversary Nov. 3, at the Memorial Union on ASU’s Tempe campus. The evening will include music by the ASU Dixie Devils, a live auction of exclusive ASU tours and a historical perspective by founder Christine Wilkinson, who is now president of the ASU Alumni Association. The event raises funds to support the ASUPA scholarship program, which began in 1984 with two $250 scholarship funds totaling $1,000. Student recipients will receive $250 each year, and these scholarships have on their lives while they are a part of the program.

Tickets are $50 with all proceeds going towards the scholarship fund. With the purchase of a full table, guests will have the opportunity to enjoy interacting with one of ASU’s distinguished Professor of the Year faculty members who will serve as table host.

More information is available online at asu.edu/parent/silvertwentieth.

Give blood, receive a ticket

From Nov. 16-30, all ASU blood donors will receive a voucher for one free ticket to a Phoenix Symphony performance. The holiday Blood Drive is one of the most difficult times of the year to meet patient blood needs, according to United Blood Services. For more information, or to make an appointment, call 1-877-448-GIVE (4483) or visit the Web site www.unitedbloodservicesaz.org.

Assistant professor conducts obesity study

Rosa Krajmalnik-Brown, an assistant professor in the School of Sustainable Engineering and the Built Environment, and the Center for Environmental Biotechnology in the Biodesign Institute at ASU, is conducting research on understanding and controlling obesity with support from a recent grant from the TANITA Healthy Weight Community Grant-in-Aid. It will provide $10,000 for her research study, “Comparison of the Human Micronutrient Energy Algebra Weight Loss Surgical Procedures.”

Focusing on understanding “the dynamics linking the gut microbiome to obesity could lead to an ability to manage obesity in more effective, less costly ways,” she says. The goal is to improve the success rates of surgeries to deal with obesity and find clues to managing obesity without sur- gery, she says. Her research also will contribute to a broader medical research effort she is involved in through a collaboration with the Mayo Clinic. Her project was one of eight chosen to receive a TANITA grant from more than 40 applications from researchers throughout the world.

Westerhoff takes post as EPA adviser

Paul Westerhoff, the interim director of the School of Sustainable Engineering and the Built Environment, a part of ASU’s Ira A. Fulton Schools of Engineering, has been appointed to a three-year term on the U.S. Environmental Protection Agency’s Science Advisory Board. Board members provide expertise on technical issues to help guide the agency in policymaking and decision-making.

The role can include reviewing the quality and relevance of the scientific and technical information being used or proposed as the basis for regulations; reviewing guidelines governing the use of scientific and technical information in regulatory decisions; and advising the agency on broad scientific matters in science, technology, social and economic issues.

Westerhoff is a leader in the water quality and treatment field. He has earned recognition for the quality of his recent research on the environmental implications of nanotechnology and studies of microbial and organic contaminants in water.

He has received leading research awards from the American Civil Engineers and the Water Environmen- tal Federation. He has more than 200 presentations at engineering and science conferences during his career.

Westerhoff came to ASU in 1995 and became a full profes- sor in 2007. He earned a bachelor’s degree from Lehigh University, a master’s degree from the University of Massachusetts-Amherst and a doctorate from the University of Colo- rado-Boulder.

Professor’s book synthesizes field topics

Writing by some of the world’s leading researchers involved in the growing collaboration between experts in nanotechnology, bioengineering and medicine is fea- tured in a recently published book co-edited by Kaushal Rege, an assistant professor of chemical engineering in ASU’s School of Biomedical Engineering, Ar- tifacts and Materials Engineering, and a graduate faculty member in the Biological Design Program. Working with colleagues from Sandia National Laboratories, the Mayo Clinic, the University of Colorado at Denver, the University of California at San Francisco, the Mayo Clinic, the University of Colorado and the University of Pittsburgh, the book covers a broad array topics in the fields, including the impact of nanotechnology in advanced materials, fundamental studies in cell biology, medical imaging and drug delivery.

MBA program rated among world’s best

(Continued from page 1)

We probably have the most exciting faculty, and we have the most prestigious executive MBA program overall in China because we have students who are senior- level executives and government officials. Our students would usually come for training. And then after training, they would decide to apply for this MBA program as well. And that program is called the Shanghai Advanced Institute of Science and Technology.

The world MBA program is ranked No. 24 in the country, and the graduate supply chain management program is ranked No. 5 by U.S. News & World Report. The school also was named No. 25 in the world for business school research productivity in a report from the University of Tennessee.

The W.P. Carey School of Business also offers a similar, top-quality executive MBA program in the Phoenix area, but because the Financial Times limits schools to one entry per year, it was not able to be submitted for consideration on this list. More information about the school is available at wpcarey.asu.edu.

Freeman, with the W.P. Carey School of Business, can be reached at (480) 965-9271 or debbie.freeman@asu.edu.
Project examines teacher knowledge, confidence with epilepsy

By Verina Palmer Martin

Jessie Siemens was a smart first-grader who was disciplined for misbehaving and daydreaming as she fell further and further behind her classmates through private tutoring, an individual approach that was getting squishy? How does that affect the waking hours at school, Jarrar says it’s important for teachers to recognize how epilepsy affects student learning. "I think it’s important to have a way of informing teachers to ensure that will enhance their knowledge and bolster confidence. Since children spend most of their waking hours at school, Jarrar says it’s important for teachers to recognize how epilepsy affects student learning.

Research indicates that children and teens with epilepsy risk, family and school problems, but there has been little research about the educational consequences of epilepsy aside from these psychological effects. While some work has focused on teacher misconceptions or bias, there has been nothing about how teachers feel about having students with epilepsy, or how confident they are.

"Nobody knows whether this idea holds up," Wodrich says. "This is the first step in trying to figure it out. It’s a direct intervention so we have a way of informing teachers to ensure they are confident. This grant is designed to cover 20 percent of a teacher’s salary, to have month-to-month teachers know and how confident they are."

More than 3,500 tons of asphalt and concrete was recycled and reused as underlayment for the natural walkways and vegetation throughout each one.
Undergraduates advance new research journal

By Danielle Kuffer

During his sophomore year in the History Peer Mentor Program, Paul Bergelin, an Arizona State University history and Spanish literature major, no -

to ASU mainstream culture, the journal’s name embodies its intent: forging links between ideas that are transparent in scope.

Exploring the impact of primary tourism ideals of beauty and body politics, and Nietzsche’s philosophy in the context of the 1990s feminist punk movement, Bergelin says. “You can take your education anywhere.

“Paul’s initiative, ambition and creativity in this project – plus his ability to work in partnership in the hu -

mans and social sciences – is typical of the positive role played by the college ambassadors who reflect the outstanding students in Liberal Arts and Sciences,” says Quenni Wheeler, ASU’s vice president and dean of the College of Liberal Arts and Sciences.

Shannon Koen, the assistant director for student engagement and an adviser for the college ambassadors program, applauds Bergelin’s drive to create the journal.

As current air traffic controllers start to retire, the need for qualified, highly trained replacements will be critical.

“During his sophomore year in the History Peer Mentor Program, Paul Bergelin, an Arizona State University history and Spanish literature major, no longer attends specializations in the humanities and social sciences. The journal encourages students to explore, broaden and redefine their conceptions of humanitites with the tools provided by a liberal arts education. "

"There’s not too much appreciation given to the humanities," Bergelin says. "You can take your education anywhere.

"Paul’s initiative, ambition and creativity in this project – plus his ability to work in partnership in the humanities and social sciences – is typical of the positive role played by the college ambassadors who reflect the outstanding students in Liberal Arts and Sciences," says Quenni Wheeler, ASU’s vice president and dean of the College of Liberal Arts and Sciences.

Shannon Koen, the assistant director for student engagement and an adviser for the college ambassadors program, applauds Bergelin’s drive to create the journal.

"The ambassadors are encouraged to work on inde -

pendent projects which contribute positively to the growth of the college," she says. "Paul started the journal as such an independent project." The development of this journal emphasizes that writing a paper is more than just an assignment. It int -

roduces students to the process of scholarly jour -

nals which require research and publica tion.

Bergelin and fellow student editors Hannah Bartle, Anna Connie, Lucas Lindsey, Max Paolo and Melissa Tsuya rigorously edited each submission, providing critical feedback to the authors, and al -

lowed the writers to revise their papers at various stages in the selection process. One of the last steps in that process was to forward the papers to faculty editors for final readings.

"I hope this journal encourages students to add a

movement, the journal reveals the diversity of the society. She will serve a six-year term. Others elected

that persist long after they leave ASU."