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Top of the charts

On the strength of three national titles and multiple conference championships, one national publication is lauding ASU as having the top-ranked athletic department for 2007-2008.

The breakdown of the top 25 programs for the year was published by SI.com, the online publication of *Sports Illustrated*. The article lists specific, measurable achievements for each of the nation's 330 Division 1 schools.

The criteria included national titles, conference championships and top-30 finishes in the NCAA-recognized polls. After ASU, the top 10 included Stanford, UCLA, North Carolina, Georgia, Penn State, Florida, the University of Southern California, Louisiana State University and Tennessee.

ASU finished the year with three national titles (men's and women's indoor track and softball), four Pac-10 titles (baseball, softball, women's track and men's golf) and 12 top-30 finishes (baseball, women's basketball, men's and women's cross country, football, men's and women's golf, men's and women's indoor track, softball, women's swimming and women's tennis.)

ASU also finished the year with a co-championship in football with the University of Southern California, but because of a tiebreaker in the Sports Illustrated ratings, ASU did not receive additional points.

The athletic department finished fourth in this year's Director's Cup rankings, the traditional ranking for an athletic department. The Director's Cup rankings use a more complicated system that includes postseason finishes and other criteria. The fourth-place finish was ASU's highest ever in the Director's Cup.

ASU on the Web

An improved version of My ASU, located on the Web at my.asu.edu, will be introduced the week of July 28. By combining the best of ASU Interactive, the current My ASU and other resources, the new My ASU provides a powerful place where faculty, staff and students can navigate the Web even faster and more efficiently.

Employees will have direct access to teaching and student support tools, in addition to human resource tasks such as paychecks and time reporting. Students will notice that their class schedule is integrated with Blackboard links, faculty contact information, catalog information and related registration links.

For more details, and to take an online tour of the new My ASU, visit the Web page http://asunews.asu.edu/20080715_myasu.

To suggest a Web site to be profiled in *ASU Insight*, send the site address to asuinsight@asu.edu.

Poste to lead transformational initiative at ASU

By Joe Caspermeyer and Sharon Keeler

ASU President Michael Crow has announced a major new initiative that will revolutionize academic research through the innovative convergence of science, engineering, social sciences and computing. The effort will build on intellectual principles of success pioneered by ASU's Biodesign Institute.

The director of the Biodesign Institute, George Poste, has been appointed to head the new effort. In just five years since its found-

ing, the Biodesign Institute, under Poste's leadership, has generated \$199 million in research funding, disclosed 212 inventions and filed 46 patents. In this new role, Poste will serve as a meta-planning catalyst, working with deans and other leaders across the university to identify opportunities where



George Poste

the fusion of diverse capabilities can produce a transformative impact on society.

"Dr. Poste's extensive experience and broad-based scientific acumen has enabled the Biodesign Institute to align large, interdisciplinary teams against critical societal challenges, producing substantial progress on new approaches to personalized medicine, alternative energy, improved diagnostic devices and new vaccine technologies," Crow says. "I have asked him to help me expand this successful model to other university research programs."

The new effort will be called the Complex Adaptive Systems Initiative, with Poste serving as chief scientist. Poste will retain his role with the Biodesign Institute while an international search for a successor is sought. To ensure adequate support and enable him to establish the initial framework for the Complex Adaptive Systems Initiative, Neal Woodbury is being appointed deputy director for the Biodesign Institute. Woodbury also will retain his position as the director of the

(See POSTE on page 7)



Alisa Chachon, left, a math major from Safford, Ariz., and alumni of the Math Science Honors Program, serves as a mentor during a class session as she helps program participant Savion Smith with his calculus lesson.

TOM STORY PHOTO

Program opens doors to math, science

By Adriana Elektra Sanchez

ASU is opening the doors to the world of math and science for thousands of high school students who come from diverse and underrepresented backgrounds. The university's Math and Science Honors Program (MSHP) has helped students discover and develop their full potential.

Wellington Carranza is one such student. When Carranza was 14 years old, he came to the United States from Guatemala with the desire to get an

education and to share and experience his love for math and science.

"To understand science is to understand humanity," Carranza says. "Most of the changes that have allowed humanity to grow have been connected to science. I decided to become an engineer because engineers want and have the ability to create and improve options for every person on the planet."

Carranza, whose father reached just the second grade in his education, is the

(See PROGRAM on page 7)

New ASU center puts emphasis on education

By Chakris Kussalanant and Christine Lambrakis

All the laptops are imaged, classrooms wired, chairs and desks neatly arranged and the scent of newness is in the air at the temporary space for the new Center of Educational Innovation's Polytechnic Elementary School in East Mesa.

The center, which is managed by University Public Schools Inc., an affiliate of ASU, opens its doors Aug. 11 to its first class of about 220 students ranging from kindergarten age through sixth grade.

The principal, staff and teachers have been trained and are eagerly awaiting the opportunity to meet their new students and parents. Before opening day, ASU's mascot, Sparky, will attend the "Meet the Teacher Night" Aug. 7 to "spark" everyone up for a great year.

"The opening of Polytechnic Elementary School is a tremendous step toward our goal of improving student achievement for all students in Arizona," says Larry Pieratt, executive director of University Public Schools Inc. "We are most grateful to the ASU faculty, University Public Schools staff and teachers who have worked endlessly over the past months to prepare for this opening. Most importantly, we are grateful to the parents and students who have demonstrated their faith in the center and are now partners in our mission of developing leaders for our state's future."

More than 150 families and their children have been involved in the process of creating University Public Schools' first school. In addition, ASU faculty members from nutrition, physical education, fine arts, early childhood, speech and language, science and mathematics have contributed their time and insights to the project.

"ASU's efforts to partner with the pre-K-12 community to advance educational success in

(See UNIVERSITY on page 7)

ASU study aims to minimize pandemic flu's effects

Researchers: Residents of nursing homes at risk

Editor's note: To learn more about pandemic flu and ASU's plan to respond to an outbreak, visit the Web page www.asu.edu/pandemic.

By Skip Derra

The greatest danger in a pandemic flu outbreak is that it could spread quickly and devastate a broad swath of people across the United States before there is much of a chance to react. The result could be a nation brought to its knees by a disease run

rampant.

Among those most vulnerable to a pandemic flu outbreak are the nation's 18,000 residential care (nursing home) facilities. Because there are few antiviral medications and no vaccines available to combat such a flu epidemic, these facilities most likely will try to prevent introduction of the flu through non-pharmaceutical interventions (NPI), like the use of masks, social distancing, isolating symptomatic persons and other such measures.

But among NPI interventions,

which methods or combinations of methods will work and be effective in keeping the flu outside the walls of a facility, or keep the flu spread to a minimum among a population that will be like sitting ducks in the path of the disease?

Now, a team of researchers, including one from ASU, has taken a major step in determining what will work by developing mathematical models and testing scenarios that show which NPIs are appropriate for which levels of pandemic flu. Their work is published in an early online edition (July 21) of the journal

Proceedings of National Academy of Sciences.

"Our work is the first to provide a flexible road map for prevention and protection of vulnerable populations living in residential care facilities," says Gerardo Chowell-Puente, an assistant professor in ASU's School of Human Evolution and Social Change. "We found that something previously considered implausible – the protection of a health care institution against pandemic influenza by using only non-pharmaceutical measures – may be possible and

(See STUDY on page 7)

ASU schedules public hearing for reaccreditation of university police

Members of the community are invited to attend a public hearing at 4:30 p.m., Aug. 4, to offer comments regarding the Arizona State University Police Department. The forum is part of an on-site assessment by the Commission on Accreditation for Law Enforcement Agencies Inc. (CALEA).

The public hearing is a component of a voluntary process to gain accreditation — a highly prized recognition of law enforcement professional excellence, according to Chief of Police John Pickens. Accreditation is awarded for three years, during which time the agency must submit annual reports attesting continued compliance with those standards under which it was initially accredited.

ASU's police force originally was accredited in 1997; it earned accreditation again in 2002 and 2005.

The hearing will be held on the Tempe campus in the Computing Commons Auditorium (CC120). The meeting will be videoconferenced to the West Campus' conference room FAB N301G; the Polytechnic campus, administration room 140; and the Downtown Phoenix campus' post office executive conference room.

Individuals who are not able to attend but would like to provide comments can call (480) 727-6677 between 1 p.m. and 3 p.m., Aug. 4. Telephone comments and appearances at the public hearing are limited to 10 minutes and must address the agency's ability to comply with CALEA standards. To review a copy of the standards, call Blythe Frausto of the ASU Police Department at (480) 965-2858.

Those who wish to offer written comments about ASU's Police Department can write to: Commission on Accreditation for Law Enforcement Agencies Inc. (CALEA), 10306 Eaton Place, Suite 320, Fairfax, VA 22030-2201.

The assessment team members are: Capt. Mark Brooks (Shelby, N.C., Police Department), Sheryl Mullen (Bellevue, Wash., Police Eastside Communications Center) and Syndy Nugent (Highland Park, Ill., Police Department). They will be examining all aspects of the department's policy and procedures, management, operations and support services to verify that the university police department meets the commission's standards.

Once the CALEA assessors complete their review of the agency, they will report back to the full commission, which then will decide on the reaccreditation status.

Ira A. Fulton School of Engineering

Kiaei takes reins as associate dean of research

By Joe Kullman

Sayfe Kiaei is the new associate dean for research for the Ira A. Fulton School of Engineering.

He will help lead efforts to reach the engineering school's ambitious goal of achieving \$100 million in research expenditures in five years.

Kiaei will be responsible for management and investment of engineering resources, ensuring efficient research administration, building industry and government relations, assisting with faculty recruitment and research project start-ups, and with the recruitment of quality graduate students.

"The School of Engineering has aggressive goals for the growth of its research portfolio," says Paul Johnson, the school's executive dean. "We seek stronger engagement with research sponsors, better alignment with society's grand challenges, an increase in consortium- and multi-investigator projects, and a greater awareness of the impact of our work."

Johnson says Kiaei was selected "from a field of excellent candidates, in part because of his industry experience, demonstrated success as the builder and leader of one of our largest industry consortia, and his vision for pursuing new strategic initiatives and funding opportunities for the faculty."

Kiaei says the school will play a major role in several of ASU's leading research initiatives that are bringing together scientists and engineers from many different disciplines.

Engineering faculty will be extensively involved in research focusing on solar power and other alternative energy sources, bio-engineering and biotechnologies, health care, sustainable living, nanotechnology and wireless communications systems.

"Advances in these technologies will pave the road for Arizona to move toward a new and more diversified economy, and provide a new model for the university as an integral part of society," Kiaei says. "I'm excited to be a part of these endeavors."

Kiaei joined ASU in January 2002 as a professor in the Department of Electrical Engineering.

His research has focused on wireless transceiver design and radio-frequency and mixed-signal integrated circuits.

In August 2002, he founded Connection One (www.con-



Sayfe Kiaei

nectionone.org), a National Science Foundation industry and university cooperative research center. It works with private industry and the federal governments to develop advances in wireless communications systems and networks, remote sensing, biosensor and bioelectronics technology.

The center began with ASU as the lead institution and six industry partners. Today, it has 25 industry partners and six universities, including:

- ASU.
- The University of Arizona.
- Ohio State University.
- Rensselaer Polytechnic Institute.
- The University of Hawaii.
- The University of New Mexico.

For a decade before coming to ASU, Kiaei was a senior member of technical staff of the Wireless Technology Center and Broadband Operations at Motorola, where he was responsible for development of wireless transceiver integrated circuits and digital subscriber lines transceivers, global positioning systems and Bluetooth transceivers.

He was an associate professor at Oregon State University from 1987 to 1993, teaching courses and conducting research in digital communications and wireless systems.

During those years, he helped establish the Industry-University Center for the Design of Analog/Digital Integrated Circuits (CDADIC) and served as a co-director of the center for 10 years.

Kiaei is a fellow of the Institute of Electrical and Electronics Engineers (IEEE) and a member of IEEE Circuits and Systems Society, IEEE Solid State Circuits Society and IEEE Communication Society. He has chaired several national and international conferences in his areas of expertise and published more than 100 journal and conference papers. Kiaei holds several patents.

He earned his doctorate in electrical and computer engineering from Washington State University in 1987. His awards include the Carter Best Teacher Award from Oregon State University College of Engineering and the IEEE Darlington Award, for the best research paper "bridging the gap between theory and practice" published in the journal *IEEE Transactions on Circuits and Systems*.

Kullman, with the Ira A. Fulton School of Engineering, can be reached at (480) 965-8122 or joe.kullman@asu.edu.

Reiter leaves ASU to lead Chicago art institute

By Julie Russ

Wellington Reiter, dean of ASU's College of Design since 2003, will become the fourth president of the School of the Art Institute of Chicago. The position is effective Aug. 25.

During his time at ASU, Reiter has been a leader in design education, an advocate for the urban and built environments, especially on behalf of ASU's Downtown Phoenix campus, and a force for creative design.

Reiter has placed ASU's College of Design in a regional and national leadership position through the creation of two major initiatives: the Phoenix Urban Research Laboratory and the master's degree program in real estate development.

Through community outreach and professional development, he has gained the strong support of the local and regional

design, real estate development, and planning sectors as evidenced by the growth of attendance in the annual Design Excellence Dinner, a premier ASU event. Reiter

also is responsible for shaping the future of the university's Downtown Phoenix campus, orchestrating a new relationship with Phoenix officials that unites academic and civic agendas and is a model of first-rate urban design.

Now in a leadership position for design in Chicago, Reiter hopes to make stronger connections between the two cities and use his experience here in Phoenix to assist Chicago Mayor Richard Daley with the planning for the city's bid for the 2016 Olympic Games.



Wellington Reiter

"Given the legacy of the city, the institution, and the advancement of art and design within a very ambitious urban agenda established by Chicago's Mayor Daley, this was an intriguing convergence of opportunity that I simply could not ignore," says Reiter, who also is known as "Duke."

ASU's executive vice president and provost, Elizabeth D. Capaldi, will shortly be appointing an interim dean and also will begin the process of searching for a permanent dean.

"Since the day Duke Reiter arrived on our campus six years ago, he has been a force within ASU and in metropolitan Phoenix," says ASU President Michael Crow. "It is no wonder that other institutions have had their eye on him. The School of the Art Institute of Chicago could not have picked a better leader than Duke."

Russ, with the College of Design, can be reached at (480) 965-6693 or jruss@asu.edu.

ASU center honors behavioral health advocates

By Matthew Roy

ASU's Center for Applied Behavioral Health Policy paid tribute July 17 to behavioral health care professionals and advocates at the fourth annual Arizona Behavioral Health Awards Gala at the Hilton Sedona Resort in Sedona.

The award winners were selected from among more than 40 nominations. They were honored for their public service and invaluable contributions to the behavioral health field in Arizona.

"The center is committed to a mission of improving programs and policies for people with behavioral health disabilities and their families," says Michael Shafer, the center's director. "Each of the honorees this year has made significant contributions that have benefited the behavioral health programs not only in our state, but also across the country. The dedication of these honorees to the cause of behavioral health and the eradication of the gap in behavioral health services is an inspiration to us all."

This year's categories and honorees include:

- **Legacy** – Nelba Chavez has devoted more than 30 years to advocacy for those affected by mental health and substance use disorders, and she was the first administrator of the Substance Use and Mental Health Services Administration. Chavez understands the importance of ensuring those who are affected the most by government policies have a voice in their creation.

- **Legislative Leadership**: Arizona Sen. Tom O'Halleran (R-1), a member of the Legislature since 2001, sits on the health, education K-12 and appropriations committees, and he serves as chairman of the

higher education committee. O'Halleran has been a consistent and courageous champion of health care and behavioral health services.

- **Leadership in Advocacy**: Timothy Schmaltz is the coordinator of the Protecting Arizona's Family Coalition, a historic and diverse alliance of social and health agencies, faith-based groups and community organizations that are dedicated to protecting and increasing health and human services funding, and setting an agenda of tax reform.

- **Leadership in Services**: Timothy Dunst has led Touchstone Behavioral Health since 1983. His vision for the organization is to be the premier provider of positive outcome behavioral health services to youth and their families in the Southwest. As a leader in implementing science-based approaches, Dunst has led Touchstone to apply evidence-based practices to programs that include functional family therapy, multidimensional treatment foster care, and brief strategic family therapy.

- **Cultural Heritage Award**: TERROS Behavioral Health Services is a nonprofit community-based organization that has been addressing behavioral health needs since 1969 by providing prevention, education and treatment services. TERROS has grown from the Phoenix area's first substance abuse treatment program to a comprehensive behavioral health organization of more than 300 professionals who serve more than 25,000 people and families each year.

For more information, visit the Web site www.cabhp.asu.edu or call Matthew Roy (602) 942-2247, extension 114.

Roy, with Applied Behavioral Health at the West campus, can be reached at (602) 942-2247 or matthew.roy@asu.edu.

ASU Insight

ASU Insight is published by Media Relations, a department within the Office of Public Affairs. ASU Insight is published on Fridays, except during university holidays and other times as deemed necessary by the Insight editorial board. Submit items typed, double-spaced. The editor reserves the right to edit for style and space. Bring items to the Administration Building, room B353, send e-mail to asu.insight@asu.edu, fax (480) 965-2159 or send campus mail to 1803 – ASU Insight. Telephone (480) 965-9689.

Deadlines: Submit all articles, notices and calendar items as early as possible. **Deadline is Friday before 5 p.m. for the following Friday's paper.**

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Photographer: **Tom Story**

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

College of Law unveils 2 new associate deans

O'Grady to oversee clinical affairs

Professor Catherine O'Grady of the Sandra Day O'Connor College of Law at ASU has been named associate dean for clinical affairs and the profession by the college's dean, Paul Schiff Berman.

O'Grady, executive director of the college's clinical programs, will be responsible for coordinating and energizing myriad issues related to practice-based experiential learning and the demands of professionalism, Berman says.



Catherine O'Grady

In her new post, O'Grady will continue to oversee the college's eight clinics, as well as the legal research and writing program, of which she is a former director, the externship program and the academic success program. Additionally, she will serve as the dean's designee for investigating academic misconduct complaints.

Berman says O'Grady's energy, talents and experience, including a recent sabbatical at the Arizona solicitor general's office, are a good fit for the position.

"The new model for public legal education that we are building at the College of Law requires that we be embedded within the broader legal communities of Arizona, the United States and the world," he says. "As such, we take very seriously our commitment to clinical education, the public service obligations of lawyers and the responsibilities of professionalism."

"In Cathy O'Grady, we are blessed to have the ideal bridge-builder between the academy and the practicing bar, and I look forward to working with her on further developing innovative initiatives to educate young lawyers in the rigors and rewards of professional legal practice."

O'Grady, a former attorney at Meyer, Hendricks, Victor, Osborn & Maledon in Phoenix whose practice emphasized appellate litigation

Berman: Sylvester to lead faculty research and development

By Janie Magruder

Professor Douglas Sylvester of the Sandra Day O'Connor College of Law at ASU has been appointed associate dean for faculty research and development by the college's dean, Paul Schiff Berman.

In his new role, Sylvester will work to build the most productive environment possible for fostering and disseminating faculty scholarship. This will include organizing various speaker series, overseeing faculty travel to participate in scholarly activities, helping to mentor junior faculty, and seeking innovative ways to increase the scholarly visibility of the faculty, Berman says.

"Doug Sylvester is both a serious scholar and an innovative institution-builder," says Berman of his first appointee since assuming the position of dean July 1. "I have no doubt that he will quickly become a fundamental part of building here, at the Sandra Day O'Connor College of Law, the new 'gold standard' for 21st century legal education that ASU President

(Michael) Crow and I envision."

Sylvester, who is a faculty fellow in the college's Center for the Study of Law, Science and Technology, says scholarship is the key to a great law school.

"Promoting faculty scholarship makes for better teaching, increases the law school's reputation, and allows us to attract and retain distinguished scholars," he says. "Those who know ASU have long been aware that our faculty is tremendously productive and innovative in their research. My job is to make sure that more people know about all that we do here and to make it easier for everyone to engage in research and scholarship."

Sylvester, who joined the college in 2002, publishes, lectures and teaches on issues of e-commerce, intellectual property law and commercialization, international law, international relations, legal history and privacy.

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

and general corporate litigation, joined the College of Law in 1991. She has taught courses dealing with civil procedure, constitutional law, civil practice clinic, lawyering theory and practice, and the practice of law in a digital era, as well as the U.S. Supreme Court seminar.

O'Grady spent the last academic year on sabbatical working as a special assistant attorney general in the solicitor general division of the Arizona attorney general's office. There, she was co-counsel on a Superior Court trial involving Arizona constitutional law, wrote briefs for various courts of appeals and gave an oral argument before the Arizona Supreme Court, among other experiences.

"It was great for me to put myself back out in

the profession, not as a supervisor of students, but as an individual attorney working with Arizona's courts," she says. "It was a good reality check, and an opportunity for me to reflect, improve and continue to grow as an attorney."

O'Grady, who writes and talks about the importance of lawyers maintaining their personal autonomy as professionals, says she is excited about her new opportunity at the College of Law.

"I'm delighted Dean Berman wants to make a focus on clinical education, writing, experiential learning and professionalism a key part of the culture of the school," she says. "This focus is important to both our students and our professional community."

In THE NEWS

ASU experts frequently are called upon by the local and national news media to provide insight and opinion on current events and issues of public interest. Following are excerpts of recent news articles featuring ASU representatives.

ASU plant biologist **Charles Arntzen** is a leading researcher who has pioneered the development of edible vaccines for animals and humans using tobacco plants as a base. "We initially thought of raw potato and bananas, but found that tobacco cells are better for moving the DNA into," Arntzen says. "The cells have no nicotine or any of the toxins in tobacco smoke. We sprinkle the resulting vaccine on chicken feed; the poultry don't detect it – they feed as usual – and it protects them from diseases that otherwise would have to be treated with antibiotics." *Jerusalem Post*, June 15.

Some fundamental building blocks of our genetic code might have come from outer space, according to a controversial new meteorite study. The study suggests that two kinds of nucleobases might have formed in a meteorite before it hit the Earth. However, it may be too early to conclude these nucleobases formed beyond our planet, says **Sandra Pizzarello**, an ASU chemist. The study "raises a very interesting question that was raised a very long time ago, but I don't think it solves it," Pizzarello says. *ABCNews*, June 17.

Some analysts are predicting John McCain may not necessarily win his home state of Arizona in the presidential election. "He's got a real problem with the social conservatives and die-hard Bush supporters," says **David Berman**, senior research fellow at ASU's Morrison Institute. "Contrary to his claims that he doesn't have a bad temper, he's blown up at quite a few people here. He doesn't tolerate fools easily. On the other hand, he has so much appeal with moderate Republicans, Democrats and even independents that he doesn't need that base for a statewide vote." *Christian Science Monitor*, June 18.

Flooding in Iowa and neighboring states has impeded the shipment of goods, forcing the trucking and rail industries to seek new routes to deliver items throughout the country. **Paul Patterson**, dean of the ASU's Morrison School of Management and Business, doesn't believe the flood will be a major factor in food costs, however. He says that most of the consumer's dollar goes to the middlemen: the food processors or manufacturers, shipping companies and grocers. "Transportation and marketing costs equal about 80 percent of food costs," Patterson says. *Arizona Republic*, June 18.

Corporate brands are increasingly turning to celebrities and musicians to sell their products. Even savvy, skeptical consumers who understand that stars are paid to support a product still may rely on an endorsement and buy the brand anyway, says **Robert Cialdini**, an ASU psychology and marketing professor. "We've used our cognitive capacity to build a sophisticated informational and technological environment," he says. But, overloaded with information and stimulation, shoppers' brains revert to a more primitive, raw association of celebrity and product, Cialdini explains. *New York Times*, June 22.

Commission on Status of Women issues awards

By Judith Smith

A graduate student, a counselor, a poet and a professor. The director of a federal grant program, and a student group that helps safeguard women in Mexico from violence.

All are winners of 2008 Commission on the Status of Women (CSW) Outstanding Achievement and Contribution Awards.

ASU's CSW was founded in 1991 following a report issued by the Arizona Board of Regents, "Reaching the Vision: Women in Arizona's Universities in the Year 2000," to monitor the advancement of ABOR's recommendations.

Each year, CSW presents awards to individuals or groups "whose efforts most exemplify and further the mission of the CSW."

That mission is "to identify and advocate for needed change in the university environment to enhance opportunities for women and other under-represented groups."

This year's award winners are:

- Sydella Blatch, graduate student, School of Life Sciences.
- Cynthia Hogue, professor, Department of English.
- Sharon Smith, director, TRiO Services at the West campus.
- Jennifer Fewell, associate professor, School of Life Sciences.
- Louise Welter, counselor, Student Counseling Services, Polytechnic campus.

• Las Otras Hermanas, part of Women Beyond Borders, a student-based organization.

Blatch was honored for helping minority and female students find the resources to help them succeed at ASU. She founded SHADES, a peer-mentoring program run through the Graduate College designed to foster a support network for minority and female students.

Hogue was cited for being "a strong and compassionate advocate for women scholars and writers."

Her nominator wrote: "Throughout her scholarly career, Cynthia has devoted much of her efforts to raising the awareness of highly inventive, but often unacknowledged, writers such as May Swenson, Jorie Graham and Adrienne Rich."

Smith, director of the federal grant program TRiO Services, advocates daily for students in under-represented minority, financial and disabled groups.

"This past year, however, Sharon went above her normal job duties and advocated for women in crisis situations," her nominator said. "For women who have never had the opportunity to believe in themselves, or have gone through emotional difficulties, Sharon has provided tools for independence, advocacy of administration for funding, and awareness."

Fewell was honored for her role as a mentor. Her nominator wrote: "In addition to being an outstanding scholar in her field, Prof. Fewell has devoted countless hours to mentoring women in the sciences at all different levels, ranging from undergraduate students to colleagues. Under her direction alone, more than have of the students who have gone through the Minority Access to Research Careers

Program are currently in graduate or medical schools."

Welter was honored for being "a tireless advocate for social justice and equity issues." Welter's nominator cited her work on SafeZone, the Campus Environment Team and CSW.

Welter brought SafeZone training to the Polytechnic campus. She conducts the trainings and coordinates nearly all aspects of the program. She also was instrumental in developing a series of workshops for the Campus Environment Team "that helped develop a safe and welcoming environment for all faculty, staff, students and visitors," the nominator wrote.

Las Otras Hermanas (The Other Sisters) is part of Women Beyond Borders, a student-organized women's human rights group that works with women's organizations worldwide to end violence against women and promote women's equity in all sectors.

Las Otras Hermanas works with organizations in Juarez, Mexico, to improve women's economic conditions while safeguarding their overall well being. According to the nominator, "The work undertaken by Las Otras Hermanas embodies the message that advocacy for women should never be limited to our immediate environment, and the boundaries of the ASU campus, but rather that it should extend beyond our borders."

Hogue says of her award: "As a poet, a humanist, a feminist teacher, I was most moved and impressed to hear what so many other women have been achieving on campus and in the community, how hard others have been working to contribute to women's advancement. I was honored to be among this year's recipients of a CSW award."

Adds Welter: "I believe that the Commission on the Status of Women's awards play an important role at ASU in acknowledging work toward gender equity, as well as raising awareness of the continued need for change to enhance the opportunities for women."

"I am very honored to have been selected as one of this year's CSW Outstanding Achievement and Contribution Award winners. Since coming to ASU at the Polytechnic campus in 2004, I have worked tirelessly to create and sustain programs and events intended to support and enhance an equitable, just and safe environment for all."

"It has been a great privilege to be involved in creating the Women's History Month Committee at the Polytechnic campus and bringing important events such as the 'Vagina Monologues' and 'Take Back the Night' to the Polytechnic campus. Clearly, I didn't do any of this alone; it has been a great privilege to be involved with amazing groups of folks dedicated to making the world a better place for everyone in the creating, organizing and implementing of these programs."

Adds Karen Engler, academic associate for the CSW: "This year's program boasts an impressive group of award recipients who represent contributions at all levels of the university, from outstanding faculty to caring staff, to talented graduate and undergraduate students. They exemplify the fact that all contributions are significant – and that everyone can make a difference."

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

College of Nursing & Healthcare Innovation earns 2 federal grants

By Terry Olbrysh

The Health Resources and Services Administration (HRSA) has awarded two three-year grants totaling \$2.1 million to the ASU College of Nursing & Healthcare Innovation. The grants bring the college's funding total from HRSA to \$3.7 million since July 2007.

HRSA, part of the U.S. Department of Health and Human Services, is the primary federal agency for improving access to health care services for the uninsured, isolated or medically vulnerable.

In the first grant award, the ASU nursing college received funding from HRSA for "KySS Fellowship for NPs in Underserved U.S.: Improving Child & Teen Mental Health." The college's dean, Bernadette Melnyk, is the principal investigator and project director, and Michael Rice and Ann Guthery are co-project directors.

The grant funds the development and implementation of a KySS (Keep your children/yourself Safe and Secure) fellowship program aimed at preparing primary care pediatric and family nurse practitioners, as well as physicians and allied health professionals, to screen for, identify and deliver early evidence-based interventions for children and adolescents experiencing common mental health problems.

The fellowship program, the first of its kind in the United States, is a collaborative effort between the ASU College of Nursing & Health-

care Innovation and the National Association of Pediatric Nurse Practitioners' (NAPNAP) KySS program, a national initiative that promotes the mental health of children and teens.

The initiative will enhance advanced practice nurses' knowledge and skills to identify and implement early evidence-based interventions with culturally diverse high-risk children and teens that have common mental health problems in rural and urban settings. The KySS program will provide an Web-based fellowship program that integrates clinical practice experiences in clinical practice settings to provide opportunities for health care providers to put into practice the content from the online educational modules.

One out of every four children and adolescents (about 15 million) in the United States has a mental health problem that interferes with functioning at home or at school. Just 20 percent to 25 percent of these children receive treatment, according to the American Psychological Association. Primary care providers are in a unique position to identify and manage common behavioral and mental health problems among children and teens, since about 75 percent of children with mental health disorders are seen in primary care settings.

Significant health disparities exist in the receipt of mental health services, with a disproportionate number of Hispanic and African-American children affected. A nationwide shortage of 30,000

child psychiatrists contributes to the severe gap in child and adolescent mental health services. In Arizona, the psychiatric physician-to-population ratio is less than the national average, with 134 child psychiatrists practicing in the state in 2004. One-third of the counties in Arizona have no child psychiatrists.

The KySS fellowship program is a continuing education program designed to prepare nurse practitioners, physicians and other health care professionals to identify and implement early evidence-based interventions for children and adolescents with common mental health problems. The KySS fellowship program consists of 20 Web-based modules designed to be completed at the participant's own pace and will be complemented by clinical learning activities and post-tests. Upon completion of the program, participants will receive a KySS fellowship certificate of completion from the College of Nursing & Healthcare Innovation and the National Association of Pediatric Nurse Practitioners.

The National Association of Pediatric Nurse Practitioners is the only national organization dedicated to improving the quality of health care for infants, children and adolescents and to advancing the pediatric nurse practitioner's role in providing that care. The association serves almost 7,000 members nationwide.

The second HRSA grant awarded to the College of Nursing & Healthcare Innovation is

titled "Leveraging Educational Technology for Evidence-Based Practice." Its goal is to improve the quality and delivery of nursing education through expanding use of educational technology for pre-licensure students. Debra Hagler is the principal investigator and project director, and Beatrice Kastenbaum and Ruth Brooks are co-investigators.

The Institute of Medicine Roundtable on Evidence-Based Medicine has set a goal for 90 percent of clinical decisions to be supported by the best available evidence by 2020.

This innovative approach expands use of educational technology to promote student learning through dedicated development of faculty expertise, creation of effective instructional design, mentorship for clinical preceptors and collaboration with interdisciplinary partners.

Efforts to address the nursing shortage by increasing student enrollment have led to challenges in contracting enough appropriate clinical learning sites, which affects clinical practice opportunities. The project goal is to employ educational technology simulation for focused learning in conjunction with planned clinical experiences to expand clinical experiences for students while providing culturally responsive, evidence-based clinical decision-making.

Olbrysh, with the College of Nursing & Healthcare Innovation, can be reached at (602) 496-0877 or terry.olbrysh@asu.edu.



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

Lectures

■ Wednesday, July 30

"Health is Not an Option but a Necessity in Today's World," Mercado, Downtown Phoenix campus, 502 E. Monroe St., Phoenix. Speaker: Victoria Mogilner, East West Rejuvenation Center. R.S.V.P.: ASUlectures@asu.edu or (602) 496-1000.

■ Wednesday, Aug. 6

"Listening to Your Pain: Finding the Greater Purpose of Your Pain and Symptoms," noon-1 p.m., Mercado, Downtown Phoenix campus. Speaker: chiropractor Dr. Jonah Yakel. R.S.V.P.: ASUlectures@asu.edu or (602) 496-1000.

Miscellaneous

■ Friday, July 25

The Devils' Workshop-Summer Showcase, 12:10-12:50 p.m., Piper Writers House. Karen Lamb demonstrates how to make greeting cards. (480) 965-4821.

■ Tuesday, July 29

The Devils' Workshop-Summer Showcase, 12:10-12:50 p.m., Piper Writers House. Cynthia Milberger demonstrates ceramics techniques. (480) 965-4821.

■ Wednesday, July 30

The Devils' Workshop-Summer Showcase, 12:10-12:50 p.m., Organ Hall. Program includes vocal music by Bonita Power and Rob Spindler; organ music by Kevin Snow, university carillonneur. (480) 965-4821.

"Résumés and Cover Letters: Show 'em What You've Got!" 1-2:30 p.m., Student Services Building (SSV) room 329. Sponsored by ASU Career Services. Information: (480) 965-2350.

■ Thursday, July 31

The Devils' Workshop-Summer Showcase, 12:10-12:50 p.m., Piper Writers House. Jeanne Davidson demonstrates Fair Isle knitting. (480) 965-4821.

"The Employment Interview: Be a STAR!" 4-5:30 p.m., SSV room 329. Sponsored by ASU Career Services. Information: (480) 965-2350.

■ Saturday, Aug. 2

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

■ Tuesday, Aug. 5

"Sun Devil CareerLink: A Job Seeker's Best Friend," noon-1 p.m., SSV room 329. Sponsored by Career Services. Information: (480) 965-2350.

"The Employment Interview: Be a STAR!" 1-2:30 p.m., SSV room 329. Sponsored by ASU Career Services. Information: (480) 965-2350.

■ Wednesday, Aug. 6

"How to Find an Internship," 4-5 p.m., SSV room 329. Sponsored by ASU Career Services. Information: (480) 965-2350.

■ Thursday, Aug. 7

The Devils' Workshop-Summer Showcase, 12:10-12:50 p.m., Piper Writers House. "Why Writers Need a Group," with Raye Thomas, Ann Bergin and Pat Hays, plus readings. Information: (480) 965-4821.

"Job Search Strategies for New ASU Grads," 4-5:30 p.m., SSV room 329. Sponsored by ASU Career Services. Information: (480) 965-2350.

Graduate Programs Information Session, 6 p.m., Faculty and Administration Building (FAB) room N-150, West campus. Information: (602) 543-4622.

■ Friday, Aug. 8

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

Exhibitions

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

Through Aug. 30, "Exploring Dreams: Images from the Permanent Collection" presents artwork that echoes the dreamlike, surreal images encountered in the depths of sleep and in the shades of waking.

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

Through Aug. 2, "Susan Beiner: Synthetic Reality" explores the artist's concerns of genetically altered foods, cloned ani-

mals and the hybridization of the material world.

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

Through Sept. 1, "Land of Fire, House of the Sun: Award-Winning Rock Art Photography" features a stunning array of rock art photographs from the Coso Mountains in California.

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

Through Aug. 29, "Arizona and Beyond." This a colorful exhibit of photography and digital paintings by Apache Junction artist Edith Nye highlighting local flowers, plants and scenery. Artlink First Fridays participant Aug. 1, 6-9 p.m.

Harry Wood Gallery – 9 a.m.-5 p.m., Monday-Thursday, 9 a.m.-3 p.m., Friday, Art Building, first floor. Information: (480) 965-3468.

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

Hayden Library Labriola National American Indian Data Center – 11 a.m.-5 p.m., Monday-Friday and by appointment. Second floor, Hayden Library. Information: (480) 965-6490.

Through Aug. 8, "Pow Wow: Arizona and Beyond." In celebration of ASU's annual Pow Wow, the Labriola Center exhibits photographs from three Pow Wows.

Defenses

Premchand Dommaraju, PhD, Soc., 10 a.m., July 28, COOR 5635.

Amber Straughn, PhD, Phys., 2 p.m., July 28, PSF 226.

Benjamin Varco-Merth, PhD, Biochem., 2 p.m., July 28, PSC 101.

Russell Ryan, PhD, Phys., 9:30 a.m., July 29, PSF 276.

Avi Cagan, PhD, Chem., 10 a.m., July 29, PSC 101.

Lolita George, PhD, Plnt. Bio., 10 a.m., July 29, BDB 105.

Robert Fasman, PhD, Psy., 10:30 a.m., July 29, AHA 305.

Jonathan Hilpert, PhD, Ed. Psy., 11 a.m., July 29, EDB 304.

Steven Finkelstein, PhD, Phys., 1:30 p.m., July 29, PSF 566.

John Paderi, PhD, Bio. Engr., 2 p.m., July 29, ISTB1 227.

Prasanna Khare, PhD, Elec. Engr., 2:30 p.m., July 30, GWC 409.

Ioannis Kyriakides, PhD, Elec. Engr., 9 a.m., July 31, GWC 409.

Yanina Bukhman, PhD, Chem., 9:30 a.m., July 31, PSB 234.

Menkes van den Briel, PhD, Ind. Engr., 10 a.m., July 31, GWC 510.

Kevin Mendivil, EdD, Ed. Adm. and Supv., 10 a.m., July 31, ED 108-B.

Charlotte Frambaugh-Kritzer, PhD, Curr. and Instr., 1 p.m., Jul. 31, ED 312.

Myung Soo Bae, PhD, Comp. Sci., 10 a.m., Aug. 1, BYENG 361.

Grant Crawford, PhD, Mat. Sci. and Engr., 10:30 a.m., Aug. 1, GWC 487.

Ana Kupresanin, PhD, Math., 1 p.m., Aug. 1, PSA 206.

Lisa Farinelli, PhD, Comm., 10 a.m., Aug. 8, STAUAF 417.

Ehri Ryu, PhD, Psy., 10 a.m., Aug. 8, PSY 217.

Cronkite students explore borderland issues in South Africa

By Julie Newberg

The images from South Africa are haunting. Streets strewn with trash. Children hanging out beside a pile of burning garbage. A young man gazing from a window with a broken pane hanging precariously beside him.

Students from the Cronkite School documented the lives of immigrants in South Africa during a venture into the country in June.

The 10 Cronkite students were joined by students from the University of Nebraska-Lincoln and the University of the Witwatersrand, Johannesburg, as part of a reporting project supported by a grant from the Howard G. Buffett Foundation. After two weeks in the country, the students are creating a Web site that explores borderland and immigration issues in the country.

In a blog they created for the project, Cronkite students say the experience of reporting in South Africa was challenging and eye-opening. For example, in a June 25 blog, student Daniel O'Connor describes Alexandra township, known as one of the country's poorest areas and a hotbed for civil unrest and violence.

"A drive down London Road past the apartheid-inspired sniper towers, rubble fields and tin shanties reveals a daunting comparison to the makeshift battlefields that consumed the area in the late 1980s and early 1990s," O'Connor writes. "Not much has improved since Alex(andra) was liberated by its people's revolutionary efforts and blanketed by the hopes of a democratic change to come. In fact, the township, surrounded by sprawling upper-class residential areas, continues to descend into



Tiffany Tcheng records audio in the township of Diepsloot, outside Johannesburg, South Africa. Cronkite students spent a month in South Africa documenting the lives of immigrants.

the depths of poverty and chaos. Some officials speculate that less than 10 percent of its residents hold a steady job, and more than half of the population suffers from HIV and AIDS. By economic and health standards, Alex may just be the worst place on Earth."

Before their trip, the students, who are enrolled in a summer school class taught by Cronkite as-

sociate professor Carol Schwalbe, researched the region's border and immigration issues and practiced working in multimedia teams comprising writers, videographers and photographers.

Students are spending four weeks writing and editing stories, creating narrated slide shows and preparing video for the Cronkite School's Web site, says Schwalbe, who accompanied students on the trip along with Sue Green, director of the broadcast division of Cronkite News Service.

"One of the goals is to have students think and report like multimedia reporters," Schwalbe says. "Print students are taking photos and recording audio. Photojournalists are also recording audio and shooting video. Broadcast students will try their hand at creating slide shows that incorporate still photos, text and maps, as well as video."

The trip was financed by a \$233,180 grant from the Buffett Foundation, an Illinois-based nonprofit organization founded by the international photojournalist, author and philanthropist. The grant covers a three-year international exchange project that examines the complex issues that surround immigration and border regions in South Africa and along the Arizona-Mexico border. Cronkite students previously completed two Buffett foundation journalism projects that examined the lives of children along the Arizona-Mexico border and the plight of families divided by that border.

Cronkite students who traveled to South Africa coped with the challenges of working in a country without the conveniences that are a part of everyday life in the United States.

Jen Wahl described working without a cell

phone or a car, and how that experience forced her to learn how to "really report" by talking to people and developing a network of South Africans who are living with xenophobia.

"I met a woman who takes care of orphan children who have lost their parents to HIV/AIDS, been inspired by a married couple that lost everything but still found time for a good laugh, and met a man who was part of the mob responsible for killing and injuring foreigners (they told him if he didn't join, they would kill him, too)," she writes in her blog.

Cronkite student Keridwen Cornelius writes: "We navigated by an unusual set of landmarks: 'Turn right where we heard the music,' 'Turn left at the river of garbage' and, 'When you see the roosters and the house that looks like a garage, we're there.'"

In an e-mail, Schwalbe says the students held up well in a country that presented many challenges.

"This has been an amazing opportunity for them to hone their skills in situations that have often been challenging – from heart-wrenching emotions to safety and technical issues," Schwalbe says. "They're learning how to build trust with people who are afraid to talk because they fear for their lives. The students have learned so much about themselves, pushing their limits and reporting under difficult circumstances."

The students will report their findings, share their photos and post videos documenting their trip at <http://cronkite.asu.edu>. The site will be operational later this summer.

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

UNSUNG HEROES

Wealth of knowledge allows library liaisons to lend helping hand to faculty, students alike at ASU's West campus

"I'm the straw that stirs the drink."

— Reggie Jackson, former New York Yankees superstar, 1977

By Steve Des Georges

It may be a stretch to compare a million-dollar, high-profile slugger like Reggie Jackson with a bespectacled, nose-in-the-books library liaison like Dennis Isbell. Then again, maybe not.

Jackson, an ASU alum drafted in the first round of Major League Baseball's 1966 draft by the old Kansas City Athletics, carried his teammates to four World Series championships with his towering homers, his flair for the dramatic and his braggadocio. Isbell, a Phoenix Maryvale High graduate who earned his bachelor's and master's in English from Northern Arizona University and a master's in library science from the University of Arizona, has quietly helped ASU students and faculty reach for the stars with his expert research assistance, his crisp knowledge of literature and his ability to deliver specialized help.

He is one of 10 librarians with liaison responsibilities at Fletcher Library on ASU's growing West campus. According to library director Marilyn Myers, every faculty member has a liaison librarian he or she can turn to for help. Isbell, who began his work at Fletcher Library in 1991 – just four years after its dedication – is a liaison librarian specializing in the humanities and fine arts.

"After a faculty member assigns a research paper, I can tell you that a whole new level of instruction starts, and the librarian must often start at a basic level: helping the student define and focus a topic," says Isbell, who chairs a cross-university team of librarians that is working on a standard approach and curriculum for library instruction to first-year students on all four ASU campuses – West, Tempe, Polytechnic and Downtown Phoenix. "I think many faculty members would be surprised to learn how much instruction we deliver to students one-on-one at the library reference desk, and that it is often more than how to use library resources or track down items in the library."

Just as Jackson could hit the fastball, the "crooked pitch" and even the occasional change-up, Isbell hits it out of the park for students by sticking with four liaison strategies he outlined recently in an article published in *College Teaching*, a noted cross-disciplinary journal focusing on how teachers can improve student learning. Included on the list:

- Assist the student to define his or her assignment.
- Assess the student's knowledge of the topic and summarize for the student the stage of research at which he or she is.
- Conduct a database search and collaboratively ex-



Dennis Isbell, left, library liaison at the Fletcher Library at ASU's West campus, works with fellow staffer Margaret Rodriguez on a recent research project. Isbell is one of 10 librarians with liaison responsibilities at the Fletcher Library. He began working there in 1991, just four years after its dedication.

amine and discuss search results, looking for a possible focus.

- Question the topic with the student to assist in focusing it.

"A great provider of research – and Dennis is a great example – is a person who knows the literature of his or her assigned field and keeps up on what's new," says Myers, who has been with Fletcher Library since its inception. "The liaison librarian is a great teacher and mentor who can put a frustrated student or faculty member at ease, is a great listener and never preaches, and exercises great patience. This person crafts effective teaching tools and practices the principles of good pedagogy."

Students seek out Isbell or his peers in other specialized subjects because they are new to the particular discipline they are studying and may be inexperienced in doing the research. The liaison librarian can help a student formulate a viable, researchable question; understand how the literature of a particular discipline is structured; identify the key tools; learn how to search those tools; and evaluate the information they find.

"Dennis and his colleagues provide students with the skills to be successful in completing research assignments and successful in completing a course of study and graduating," Myers says.

On the faculty side, professors and their research assistants may need help because new information sources are constantly emerging, or they are researching a new or interdisciplinary problem. Instructors may need help identifying and acquiring specialized material. The assistance provided is a critical component in the comple-

tion of research work and the publishing of scholarly articles and books – which, in turn, contributes to national recognition and the research missions of their academic departments.

"There is a lot of variety in my research assistance with faculty," Isbell says. "This year, two notable areas I have assisted faculty with include researching Irish literary figures and identifying resources for the ethics of biotechnology. A lot of the research assistance I do with faculty members is often assisting them in tracking down difficult-to-identify or track-down items."

While busy assisting students and faculty in research areas, Isbell and the rest of the Fletcher Library liaisons – like Jackson before them – are keeping their eyes on the ball.

"Changes in technology have dominated the field of librarianship, and we are still trying to figure out the implications and what the field will look like," Isbell says. "The library as a place is changing, since so many of our collections are online, making a visit to the library no longer as necessary. We are considering the best ways to reach students who may not ever visit the library and inform them of our collections and their value, and how to tailor our services to the new online environment."

"Librarians are also very interested in how the online environment itself is changing how students find, interact with and use information. Online research requires a whole new way of thinking about information and research."

Des Georges, with Public Affairs at the West campus, can be reached at (602) 543-5220 or stephen.desgeorges@asu.edu.

Arizona Technology Enterprises' tech transfer goes global

Arizona Technology Enterprises (AzTE), the technology venturing arm of ASU, has entered into separate global arrangements to market technologies developed by ASU's partner universities, Dublin City University in Ireland (through its technology commercialization organization, Invent DCU Limited) and Tec de Monterrey in Mexico.

AzTE is located at SkySong in Scottsdale, and officials there are working in collaboration with Julia Rosen of ASU's Innovation and Entrepreneurship to bolster these relationships.

AzTE will collaborate with each university in protecting and commercializing in the United States selected intellectual property developed by their researchers. Both of these collaborations are intended to take advantage of the extensive U.S. networks of corporate executives, investors and entrepreneurs developed by AzTE's professional staff from decades of experience working in the private sector.

Technology transfer to U.S. companies

would reflect the global impact of research activities at Dublin City University and Tec de Monterrey, and would benefit the U.S. public with potential development of useful products and services. It also could return discretionary income to the universities, including ASU through AzTE's share of licensing income, for re-investment in their research and educational enterprises.

This summer, AzTE will send its life sciences team, led by Jack Geltosky, senior vice president of business development, to visit Tec de Monterrey to begin reviewing technologies developed at the university's biotechnology center.

Dublin City University has won several large research awards from the Irish government in the areas of sensors and adaptive information technologies. It is expected that AzTE will work to commercialize technologies related to those areas.

"These sorts of transnational and multi-national arrangements will begin to play a more important role in the advancement of

scientific and technological development, as we all become more interconnected and interdependent on a global level," says ASU President Michael Crow.

Adds Augustine Cheng, managing director of AzTE: "The collaborations with Dublin City University and Tec de Monterrey are ways for all three universities to project their international reach in the technology space. In addition, our engagement with dynamic, entrepreneurial universities worldwide supports ASU's objective of expanding the global impact of its research, discovery, entrepreneurship and scholarship."

"ASU already has a number of activities focused on student entrepreneurship, global company attraction and investor network development that are located at SkySong," says Julia Rosen, associate vice president of innovation and entrepreneurship at ASU. "Adding technology transfer to our international collaborations increases the likelihood that global discoveries will be commercialized utilizing Ari-

zona networks. Over time, ASU's development of vibrant global networks will boost economic development in the state."

AzTE was established in 2003 as an Arizona limited-liability company and wholly owned subsidiary of the ASU Foundation. It is staffed by professionals with extensive industry and university experience in intellectual property and related business development, and it operates as the exclusive IP management and technology transfer organization for ASU.

SkySong, the ASU Scottsdale Innovation Center, is home to 31 enterprises from 11 countries, with clusters of companies in e-learning, information communications technologies, and sustainability. SkySong is an interactive business environment in which individual entrepreneurs, global enterprises, ASU researchers and community members connect to bring new technologies to the marketplace and expand globally.

For more information about AzTE, visit the Web site www.azte.com.

In BRIEF

ASU unveils new effort reporting system

On June 30, a new electronic effort reporting system was introduced to the ASU community. This new system will certify all efforts on sponsored projects each semester.

Previous efforts had been certified via inefficient, paper-driven activity distribution reports, a system deemed inadequate by the National Science Foundation. Therefore, the electronic effort reporting system will ensure complete, accurate and timely certification.

The new system will enable quick and easy certification of faculty, researcher and student efforts on sponsored projects, and it also will permit better tracking of outstanding or delinquent effort reports. This is important in light of the increased audit focus by Federal and State auditors on university effort reporting processes and procedures.

All faculty members and researchers will need to certify their own efforts. They will know if they need to certify effort when they receive an e-mail from their department effort administrators.

Faculty members and researchers also will be required to certify students working on their projects. This includes hourly students as well as salaried individuals.

For more information on the new system, visit the Web site <http://researchadmin.asu.edu/effortreporting>.

Campus Health Services earns award

The Accreditation Association for Ambulatory Health Care Institute for Quality Improvement recently announced that ASU's Campus Health Service has earned an honorable mention for their asthma review quality improvement study.

Campus Health Service staff conducted a quality improvement study that improved patient outcomes for asthma cases over a two-year period. The study required a strong team approach with Campus Health Service physicians, nurse practitioners and nursing staff members.

The experience raised awareness of the disease for nursing and provider teams, and it ultimately resulted in patients benefiting from the caregiver's newfound knowledge. Patients who come to Campus Health Service for asthma may now be able to manage their condition in a more effective manner.

The Accreditation Association for Ambulatory Health Care Inc. is a national leader in accrediting more than 3,800 organizations in a wide variety of ambulatory health care settings. The organization's Innovations in Quality Improvement Awards Program honors health care providers who demonstrate excellence in quality improvement and interventions that lead to successful outcomes.

Tax unit slates joint information session

The International Programs Office and the Financial Services Office tax unit will conduct a joint information session from 8:30 a.m. to 11:30 a.m., July 31, in the Computing Commons Auditorium.

The immigration topics for the class will be the temporary specialty worker (H-1B) status and the J-1 exchange visitor program. Non-resident alien (NRA) taxation topics will include non-payroll payments to foreign visitors in the United States under various visa types, tax withholding requirements, the role of tax treaties and documentation requirements.

To register, go to the Web site www.asu.edu/hr/training and click on "Training | Register | Course Search" to sign in to the Learning Management System (LMS).

For assistance in registering for this information session, send an e-mail to ips@asu.edu or call (480) 965-4751. Questions



Students in ASU's "Quality of Life" course shine a black light on their hands, which are covered with "glow-germ" powder, to see the germs that remain even after washing their hands. The course teaches ways to maintain a healthy lifestyle.

'Quality of Life' class hits Scottsdale

ASU's School of Social Work and Scottsdale Healthcare is offering its "Quality of Life" course in Scottsdale for the first time.

Students will learn the core elements of maintaining a healthy lifestyle in classes that take place from 4:30 p.m. to 7:30 p.m. each Tuesday starting Aug. 26 at the Virginia G. Piper Cancer Center.

The students will learn about health development and maintenance in areas such as nutrition, mindfulness, environment, exercise, relationships and exploring passion. In addition, the students will design a personal quality of life program during the course.

The 16-week course is part of ASU's new graduate certificate in assessment of integrative health modalities, which aims to enhance students' knowledge of integrative health practices.

The three-credit class also is offered from 5:40 p.m. to 8:30 p.m. on Thursdays starting Aug. 28 at the School of Social Work in the College of Public Programs, located at the Downtown Phoenix campus.

For information, call (602) 496-0800 or e-mail Laura. Orr@asu.edu.

about the information session can be sent to Kathleen Rogers via e-mail at Kathleen.Rogers@asu.edu.

Exchange 2007 e-mail switch now available

Members of the ASU community can now request to have their Microsoft Exchange 2003 e-mail accounts migrated over to Exchange 2007.

Features of Exchange 2007 include:

- Two gigabytes of storage.
- Improved Microsoft Outlook Web access.
- Better spam protection.
- Improved search capabilities.
- Increased security.

Those who are interested in making the move can e-mail their requests to Exchange2007@asu.edu.

Migrations will occur the Friday and Saturday evenings after the request is made. The University Technology Office e-mail support team will send out a notification about which day the mailbox will be moved.

For more information on what to expect, please visit the techbase article https://techbase.asu.edu/wiki/index.php/What_to_expect_when_mailbox_is_migrated_to_Exchange2007.

Lab safety classes being offered in August

All Fulton School of Engineering, Department of Chemistry and Biochemistry, Department of Physics and School of Life Sciences employees who work in a campus biology or chemical laboratory must either complete introductory sessions of Environmental Health and Safety (EH&S) Lab-Fire-Bio safety classes and hazardous waste management courses, or take yearly refresher courses.

As a regular requirement to the responsibilities of the position, these workers are required to attend training every year. Each year, EH&S offers special training days for these departments.

The Fire Safety and Prevention courses are designed for all employees who work in buildings where portable fire extinguishers are available for use.

The lab safety training courses are offered each year for those who regularly perform work in a laboratory, or those who are responsible for a laboratory.

The biosafety courses are designed for employees who work with known infectious agents or in research laboratories. This course satisfies the OSHA bloodborne pathogens training requirement, as well as the biosafety requirement.

The hazardous waste management course being offered by EH&S is designed for those laboratory workers who generate chemical waste from research or laboratory operations and are responsible for preparing hazardous waste for pickup. This course also is offered on Blackboard.

The courses are scheduled for Aug. 12, 13, 14, 20 and 22. Registration is available online at www.asu.edu/hr/training.

For more information, call John Crozier in the Fulton School at (480) 965-8498, Mike Long in the School of Life Sciences at (480) 965-0339, Robert Scavetta in Chemistry and Biochemistry at (480) 965-5492 or Bruce Layton in EH&S at (480) 965-9440. For employees in other departments, EH&S offers training courses at all four campuses that are available throughout the year. Those courses can be viewed online at www.asu.edu/hr/training.

SRC highlights new exercise equipment

The Student Recreation Complex at ASU's Tempe campus is changing for the better.

During the month of July, the SRC installed 110 new pieces of Precor cardio equipment, including 31 treadmills, 24 elliptical machines, 11 upright bicycles, 18 recumbent bikes, six step machines and 10 new AMT (adaptive motion) machines, which allows users to alter their motion from elliptical to stepping so that no two workouts have to feel the same.

One of the notable features of the new equipment is that all machines are equipped with 12-inch "cardio theater" televisions, which receive more than 60 channels to keep users entertained and motivated.

Correction

In the story titled "College of Law examines Indian gaming laws" on page 2 of the July 11 edition of *ASU Insight*, it was reported that the Indian gaming industry currently earns \$19 million a year. The industry currently earns \$19 billion a year.

Poste to lead new strategic initiative

(Continued from page 1)

Center for BioOptical Nanotechnology in the Bidesign Institute.

The immediate goals of this new integration effort are to increase research competitiveness in three of the most exciting emerging fields of science: synthetic biology; sensor technologies; and health care informatics.

"ASU has many distinctive capabilities in these areas," Poste says. "Alignment of these strengths represents a tremendous opportunity for ASU to demonstrate world-class leadership."

"The complex problems facing our world today in health care, environmental sustainability, pandemic disease and national security, among others, require large cross-functional teams with bold ambitions," adds Crow. "ASU has made impressive progress toward being a top-tier research university. Launching this new endeavor will enhance our competitiveness and economic development in Arizona."

Caspermeyer, with the Bidesign Institute, can be reached at (480) 727-0969 or joseph.caspermeyer@asu.edu. Keeler, with Media Relations, can be reached at (480) 965-4012 or sharon.keeler@asu.edu.

Financial support helps reinstate ASU men's swimming team

Lisa Love, ASU's vice president for athletics, announced July 15 that the athletic department is fully reinstating the sport of varsity men's swimming, effective immediately, because of financial support from various donors across the globe.

The sport of wrestling had been reinstated May 23.

"It is comforting to know that we have had two separate sports communities step up and raise enough funds to support these programs," Love says. "This is both remarkable and special in that, for the second time, passionate alumni are giving back to protect the future of an ASU varsity sport that not only served them well, but, as of today, will continue to serve future athletes."

ASU announced May 13 that it was discontinuing the sport of men's swimming, along with wrestling and men's tennis, because of the rising

cost of operating a 22-sport varsity program. Men's diving (part of a combined men's swimming and diving team) was never affected by the decision.

It was determined at that time that sponsoring a 20-sport program would better fit ASU's athletic financial profile. Love indicated at the time that if any of the sports' communities were able to raise enough financial support the sport could be reinstated. Wrestling was reinstated with financial support from local civic leadership. Swimming has now followed the suit and will continue to be a varsity sport in 2008-2009.

Love said that fundraising for the sport of men's swimming will be an ongoing process.

For more information regarding giving to assist the Sun Devil varsity sports programs, visit the Web site www.sundevilclub.com.

University Public Schools Inc. puts emphasis on education

(Continued from page 1)

the state takes a significant step forward with the first center opening," says Eugene Garcia, an ASU professor of education and vice president of Education Partnerships. "Using and sharing the multiple and substantial intellectual resources of ASU to address real Arizona educational challenges embodies the central mission of University Public Schools."

University Public Schools will continue to form partnerships with ASU faculty for curriculum development and research opportunities, and to

seek partnerships with school districts across the metropolitan Phoenix area.

Shortly after classes begin at the temporary facility located just north of the Polytechnic campus, University Public Schools will break ground for the permanent school site on about 24 acres in the southwest portion of the Polytechnic campus.

Once completed, the school will accommodate students from preschool age to eighth grade in fall 2009, and through high school by fall 2010. Upon build-out, the Polytechnic school is ex-

pected to have 1,400 students enrolled in prekindergarten through 12th grade.

For more details about the new school or future partnerships, contact Julie Kroon Alvarado, director of community and university engagement, at (480) 727-1195 or visit the Web site <http://universitypublicschools.asu.edu>.

Kussalanant, with Media Relations, can be reached at (480) 727-8191 or chakris.kussalanant@asu.edu. Lambrakis, with Public Affairs at the Polytechnic campus, can be reached at (480) 727-1173 or lambrakis@asu.edu.

Program opens doors to math, science for thousands of high school students

(Continued from page 1)

first person in his family to graduate from college. Last year, Carranza received his degree in aeronautical engineering from ASU.

He is employed by Goodrich in Alabama, an aeronautical company that also designs U.S. military airplanes.

"This is a very competitive field and I work with some of the smartest people in the world, but being part of the MSHP has allowed me to work effectively in teams with people from diverse backgrounds," Carranza says. "To complete projects successfully, it is not only necessary to understand what you are doing, but you also need to work and communicate effectively with people."

The ASU Math and Science Honors Program was created more than 20 years ago with the goal to increase the

representation of minority students and first-generation students into the sciences and math fields.

"Since the creation of the program high school students compete for the opportunity to participate," says Rebeca Ronstadt-Contreras, senior coordinator for MSHP. "More than 2,000 students from 140 high schools in Arizona have participated in the program."

The students who earn their place are enrolled in university-level mathematics or science courses and receive college credit.

The classes are intense and rigorous, and standards are high. Features of the program include instruction in traditional format combined with daily problem sessions, frequent testing and one-on-one tutoring.

"Once a student is accepted many doors start to open for

them, as they receive guidance from ASU staff to increase their possibilities of completing a college education after they graduate from high school," Ronstadt-Contreras says.

Carranza is convinced that attending the program made the difference in his life, as it allowed him to create goals for his personal and academic life.

"The program allowed me to see that nothing in life happens without effort and discipline," he says. "Students need to realize that, even if they decide not to attend college, they still will be required to put effort and discipline in any job they end up performing. It makes more sense to put effort into a college education that will offer more benefits in the long run."

Sanchez, with Media Relations, can be reached at (480) 965-9579 or adriana.sanchez.1@asu.edu.

Study aims to minimize pandemic flu's effects on nursing home residents

(Continued from page 1)

may be practical. We want this work to get those concerned with mitigating the impact of pandemic influenza in such facilities to evaluate and consider implementation of the recommendations implicit in our study."

In "Protecting residential care facilities from pandemic influenza," authors Miriam Nuño of UCLA and Harvard's School of Public Health, Tom Reichert of the Entropy Research Institute, Abba Gumel of the University of Manitoba and Chowell-Puente say their roadmap provides an important planned first line of defense for the pandemic flu.

"Currently, most facilities do not have a ready-to-implement plan in place should a pandemic take place," the researchers say. "Our work details a set of simple interventions that seem workable and may be easily implemented by current staff members."

Five types of NPIs were evaluated. They include:

- Screening visitors and staff who leave and then return to the facility.
- Isolating symptomatic residents.
- Placing restrictions on visitors, such as reducing visit times or having them use electronic communications devices or communicating from behind transparent, impermeable barriers.

• Modifying work schedules, which could include four full days on site followed by four full days off site, with a period of isolation from the community for a portion of the time off site.

• Precautions taken by staff and visitors to reduce their risk of infection, such as washing hands and using protective masks.

"Overall, we found that conventional NPIs sufficed to curtail only mild outbreaks, and

that a higher level of NPIs requiring greater social restrictions and higher levels of cooperation were needed to manage more severe outbreaks," says Chowell-Puente, who evaluated the effectiveness of NPI methods through the use of mathematical models for the study.

Adds Nuño: "The biggest surprise in our study was identifying the critical role that staff plays in controlling the spread and preventing the introduction of disease in the facilities. Many residential facilities are chronically understaffed, and our research shows the current working demands of staff need to be improved if we hope to improve our preparedness plans."

Some of the improvements, the researchers note, include more regular work hours and schedules for caregivers, as well as other basic benefits, such as paid sick days.

"Our research shows that work schedules

that include multiple days on site at the facility are the key to surviving pandemics," the researchers say. "With that practice, employees must go into isolation for several days at home before coming back to work. But the benefits from longer work- and off-periods incorporating isolation periods can only be had if employees can be fully engaged in the protection of their institution."

"Facilities must eliminate disincentives. For example, employees sick themselves with the flu or forced to care for afflicted family members must be paid for time away. A single act of noncooperation can bring down an entire facility. In return, those employees who recover become immune, become fully available for further service and no longer represent a threat for introducing the virus."

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

EMPLOYMENT

The following positions are available as of July 25 and are subject to change. All positions will be advertised in *Insight* only once. The staff requisition or job order number for each position is indicated by the (#) sign. ASU is an equal opportunity-affirmative action employer.

ASU POSITIONS

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

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

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

STAFF POSITIONS

TEMPE CAMPUS

Professional

- Accounting-Electrical Engineering** (O) #18325 - Ira A. Fulton School of Engineering - Research Advancement in Electrical Engineering (Aug. 12).
- Accounting Specialist** (O) #18049 - University Business Services (July 31).
- Associate Director of Student Financial Aid/Director of Scholarships** (O) #18091 - VP University Student Initiatives (Aug. 8).
- Coordinator** (O) #18033 - Ira A. Fulton School of Engineering (Aug. 4).
- Electronics Engineer** (O) #18094 - VP-Research and Economic Affairs - Flexible Display Center (Aug. 20).
- Instructional Specialist** (O) (part-time) #18079 - Residential Life (Aug. 1).

- Management Intern** (O) (part-time) #18151 - College of Education (Aug. 8).
- Management Intern** (O) (part-time) #18156 - College of Education (Aug. 8).
- Management Intern - ASU I:1 Technology Studio** (O) (part-time) #18157 - University Technology Office-Common Computing (July 30).
- Manager Information Technology** (O) #18106 - School of Earth and Space Exploration (Aug. 1).
- Medical Technologist Senior** (O) #18104 - College Health Service (Aug. 1).

Technical and computer

- Animal Technician** (O) #18132 - VP-Research and Economic Affairs (Aug. 4).
- Web Application Developer** (O) #18128 - University Technology Office-Web Development (July 30).

Administrative support

- Mail Clerk** (O) #18117 - University Business Services (Aug. 8).
- Office Assistant/Receptionist Senior** (O) #18076 - Financial Services (Aug. 1).

DOWNTOWN PHOENIX CAMPUS

Professional

- Instructional Specialist Senior** (O) #18082 - College of Nursing & Healthcare Innovation (July 30).
- Program Coordinator** (O) #18008 - College of Nursing (July 30).

POLYTECHNIC CAMPUS

Professional

- Clinical Laboratory Nurse, CON** (O) (part-time) #18149 - College of Nurs-

- ing & Healthcare Innovation (July 31).
- Technology Support Analyst Associate** (O) (swing shift and weekends) #18144 - University Technology Office (Aug. 5).
- Technology Support Analyst Associate** (O) #18139 - University Technology Office (Aug. 1).
- Technology Support Analyst Associate** (second shift) (O) #18134 - University Technology Office (Aug. 30).

WEST CAMPUS

Professional

- Clinical Laboratory Nurse, CON** (part-time) #18148 - College of Nursing & Healthcare Innovation (July 30).

ACADEMIC POSITIONS

TEMPE CAMPUS

- Assistant Director** #9180 - Liberal Arts and Sciences - International Institute for Species Exploration (Oct. 15; every week thereafter until search is closed).
- Assistant Director** #9182 - Liberal Arts and Sciences - International Institute for Species Exploration (Oct. 15; every week thereafter until search is closed).
- Faculty Associate** #9176 FTE 49% - Liberal Arts and Sciences - African and African-American Studies (Aug. 8; every week thereafter until search is closed).

DOWNTOWN PHOENIX CAMPUS

- Clinical Professor** #9181 - Nursing and Healthcare Innovation - Center for Advancement of Evidence-Based Practice (Aug. 1; every week thereafter until search is closed).

For ASU professor, Lou Gehrig's Disease awareness hits home

By Steve Des Georges

When Marilyn Prosch, an associate professor of accounting in ASU's School of Global Management and Leadership, learned two years ago that her husband, Scott, was diagnosed with Lou Gehrig's Disease, the shock was huge.

Also known as amyotrophic lateral sclerosis, or ALS, this neuro-degenerative disease affects the nerve cells in the brain and the spinal cord and can turn the strongest athlete into putty – within years.

Scott can't even grip a golf club today, but three years ago, at age 45, he won tournaments in nearby Tempe. He adored scuba diving and sports, but he now requires a wheelchair. Scott's once-rich baritone voice is fading. His hands and arms are weak, making driving a thing of the past and typing at the computer nearly impossible.

The ALS Association, a national nonprofit group, tracks 30,000 Americans with ALS, but Gary Wosk, the association's media relations manager, suspects there are more. Last October, the U.S. House of Representatives passed the

ALS Registry Act by an overwhelming 411-3 vote. This legislation would establish the first-ever national patient registry of people with ALS, administered by the Centers for Disease Control and Prevention.



Marilyn Prosch

The act is now in the Senate – and, if passed, will determine “precisely how many people have this disease,” Wosk says. “It is a big step toward finding a cure and gathering support.”

Marilyn and Scott Prosch, and their six children, all join with Wosk and others in hoping for a cure, but it gets tough when none exists and the disease is fatal. Socially, few people understand what ALS entails, and the media have done little to bring the insidious ailment to the forefront.

That's precisely why, two years ago, Prosch launched “Scott's Heroes,” a fundraising group that organizes public walks and other events to help raise capital for the ALS Association.

While Marilyn's sharpest focus is on Scott, her efforts to bring the disease onto center stage are working.

Last year, Prosch's walk team of 150 raised more than \$30,000 for the Arizona chapter of the ALS Association, a chapter formed in 1989. The weather was wonderful, says Prosch, with many participants flying in for the event from around the country. The team wore Scott's Heroes T-shirts, and Scott's employer played host to a huge luncheon.

Thanks to this and other fundraising activities – such as movie viewing, dinners and more – Scott's Heroes, under Prosch's leadership, raised a whopping \$100,000 for the ALS Association during the past year and a half.

This year hopefully will show more productive fundraising, with an ALS Awareness Day held in mid-March already in the books. The event featured a showing of the movie “Pride of the Yankees” (a biographical film about Gehrig, the famous slugger whose life was cut short by the disease that would eventually be named after him) and attracted a good turnout, Prosch says.

In spite of the successful fundraising and huge

support shown by their local community, having a family of six children and a husband with Lou Gehrig's Disease is tough. Prosch admits this last year has been extremely “difficult for them all.”

But the couple's determination remains strong. Scott recently was given a feeding tube, but refused it because he wants to “taste food as long as he can,” Marilyn says. Doctors are training Scott on the Eyegaze system, an eye-controlled computer communication system produced by LC Technologies Inc., which helps him type.

Scott and Marilyn even traveled to Europe twice this past year, and the children remain touchingly helpful, putting on their Dad's shoes and socks and helping him scratch itches he can no longer get to.

“Time is ticking for Scott,” Prosch says. “But we see new developments with technologies and research and we are holding on.”

Information about the ALS Association is available at www.alsa.org.

Des Georges, with Public Affairs at the West campus, can be reached at (602) 543-5220 or stephen.desgeorges@asu.edu.

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New developments in solar energy, biofuels and fuel cells are part of Arizona State University's efforts to achieve a sustainable world through smart energy choices. By mobilizing the Global Institute of Sustainability and the School of Sustainability, ASU has assembled faculty from 40 different disciplines to face this important challenge in a comprehensive way, and we are teaching the next generation of leaders how to innovate in a sustainable world.

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