**Quality, size define ASU’s freshman class**

By Sarah Auffret

The freshman class at ASU this fall is the largest, most accomplished and most diverse in history. A record 8,467 first-time freshmen from all 50 states and 35 countries are enrolled at the university, almost 20 percent higher than last year and double the number from 1995.

ASU has 155 new National Merit Scholars, bringing the total number of National Merit Scholars enrolled to 532 and making ASU one of the leading schools in the country in attracting these top-ranked high school graduates.

Nearly three out of every 10 freshmen from Arizona are minority students, and a record 26 percent of the total freshman class are ethnic minorities — almost 400 more than last fall.

Setting another record, 10 Flint Scholars chose ASU. This elite group of high-achieving Arizona students is selected in an extremely competitive process by the Flint Foundation during their senior year in high school. Arizona freshmen also include 1,566 President’s and Provost’s Scholars, who are in the top 5 percent of their class.

(See BY on page 7)

**Biodesign Institute joins fight against ‘dirty bombs’**

Local entities net $8.9 million to measure radiation exposure

By Joe Caspermeyer

The Biodesign Institute at ASU and the Translational Genomics Institute (TGen) have been awarded key roles in an effort to provide protection in the event of a radiological terrorist attack.

The National Institute of Allergy and Infectious Diseases, part of the National Institutes of Health (NIH), is funding the establishment of a network of multiple-institution centers for countermeasures to “dirty bombs” or other attacks involving radioactive materials. As collaborators in the project, the Biodesign Institute will garner $5.9 million and TGen will receive $3 million in funding over the next five years.

The grant represents the first-ever federal award to include a university-led product development core to measure radiation exposure, also known as biodosimetry. Fredric Zenhausern, director of the Biodesign Institute’s Center for Applied Nanobiocen- tric Informatics, will lead a team of experts to coordinate all aspects of product development projects and core technologies.

“Monitoring the biological response of civilian and military populations when exposed to low dose-radiation of a ‘dirty bomb’ or other environmental radioactive threat could significantly improve risk (See GRANT on page 6)

**Color me sexy: Looks play factor in bird mating game**

By Skip Derra

If the activity of the North American barn swallow is a clue, then those that are in the market for love need to maintain their appearances.

New research shows that the female North American barn swallow, even after passing with a male, still comparison shops for sexual partners. Forget about personality; females judge males by their looks, especially the chestnut color of the males' breast and belly feathers, according to a team of researchers that includes a professor from ASU.

In a study featured on the Sept. 30 cover of the journal Science, ASU researcher Kevin McGraw and a team of his colleagues explain what catches the eye of barn swallows when they are on the lookout for sexual partners. The findings show that appearances play a big role in the mating game.
Renowned scientist focuses discussion on essence of humanity

By Through a collaboration with industry to research and put into practice critical partners,” says Jeffrey Goss, assistant dean and executive director, integrated with real-time, best practice case studies by ASU corporate partners, “the Biodesign Institute at ASU will host Pasternak in a public lecture titled ‘Quest: The Essence of Humanity,’ based on his popular book. The event takes place at 4 p.m., Oct. 4, in the Armstrong lecture hall at ASU’s School of Law. A book signing will follow the lecture.

Pasternak will discuss his view of man’s unique place in the spectrum of living species, and what makes us human. He will reach the top 10 list of hardback best sellers in the UK, with reviewers praising Pasternak’s ability to integrate molecular biology, medicine, anthropology, ecology, history, religion, philosophy and biotechnical expertise.

Pasternak’s own genetic legacy is one of great talent. He is a nephew of a professor Boris Pasternak, who penned “Doctor Zhivago,” and grandson of Leonid Pasternak, the Russian Impressionist painter.

The Biodesign Institute at ASU routinely presents prestigious leaders in the science community to foster the intellectual collaboration among our brightest researchers, but this one is with extremely wide appeal,” says George Poste, director of the Institute.

The Arizona Board of Regents has awarded the ASU System a grant to support the creation of a program that fosters interdisciplinary efforts in culminating with the creation of a competitive scientific collaboration.

Dobosz, with the Biodesign Institute, can be reached at (480) 727-0798 or (gdenneh@asu.edu).

New degree program targets film industry

By Denise Tanguay

ASU is initiating a bachelor’s degree program in film, with studies in film and media production, and film and media management.

This new degree program, which will be fully operational in fall 2006, recognizes a long-standing and clearly articulated need by business and the importance of linking to the West Coast film industry.

The multidisciplinary bachelor’s degree in film will be offered by the Herberger College of Fine Arts, the College of Liberal Arts and Sciences. It will include a shared core of classes in each.

There will be two distinct different concentrations: a film and media studies concentration provided by the College of Liberal Arts and Sciences, which began this fall, and a film and media production concentration provided by the Herberger College Department of Publishing.

The digital revolution and broadening media industry offer significant career opportunities. The curriculum in both colleges will provide students with the high level of visual literacy necessary to understand and contribute to the media-saturated world in which they live and work.

Incorporating film has become a film industry staple for ASU has been growing over the past few years. The ASU Filmmakers Association, a student film production group on the ASU Tempe campus, has more than 200 members.

To emphasize the importance of the program, the Herberger College is proposing that its Department of Theatre be reorganized as the School of Theatre and Film. That proposal has yet to be adopted by Arizona Board of Regents and is expected to be submitted this fall.

Examples of the film and media production concentration include:

• Principles of Dramatic Analysis
• Screenwriting
• Film
• Sex and Violence in Film and Television (Ethics in Entertainment)
• Film and Film Post-Production

Tanguay, with the Herberger College of Fine Arts, can be reached at (480) 965-7144 or (dennise.tanguay@asu.edu).

Morrison Institute names 3 Community Fellows

By Judith Smith

Louraine Adkell, Presiding Judge of the Tempe Municipal Court and ASU College of Law alumnus (class of 1977), is this year’s recipient of the William H. Rehnquist Award for Judicial Excellence.

The award is given by the National Center for State Courts and is considered one of the nation’s highest judicial honors.

The award honors a state court judge “who demonstrates the outstanding qualities of judicial excellence, including integrity, independence, open-mindedness, knowledge of the law, professional ethics, creativity, sound judgment, intellectual courage and decisiveness.”

The award, named for the late U.S. Supreme Court Justice, honours judges “who are taking bold steps to redress the social and economic inequities that affect the communities in which they serve.”

Adkell will be given the award at a ceremony to be held Oct. 27 in the Great Hall of the U.S. Supreme Court in Washington, D.C.

Louraine Adkell’s leadership, Tempe Municipal Court has implemented a number of innovative ideas, including:

• A Mental Health Court to help those who have no home.

• A “day one, one trial” system that reduces the number of days cases must serve.

• Standardizing jail assessment fees and developing court-specific employee training to improve customer service.

Adkell says the award recognizes the important work of her court staff.

“I am an incredible staff and couldn’t do all the things we do without their constant support,” she says. “One of the areas the award recognizes is the development of new and innovative programs. This has been an incredible decade of change, individual alone. For the city, it should not only be recognition of their commitment to excellence, but a final recognition that the court has evolved into a full service, completely different place and a new point of pride for them.”

Adkell was selected from a field of candidates throughout the United States by an award selection committee comprising the heads of various judicial and legal organizations.

Smith, with Marketing & Strategic Communications, can be reached at (480) 965-4822 or (jsmith@asu.edu).

Fulton School plays host to program

For a week this fall, executives from across the globe traveled to ASU to take part in an executive leadership program through the Ira A. Fulton School of Engineering’s Center for Professional Development. The 40 executives, who hailed from the United States, China, Singapore, Japan, France, Hungary, Australia, Ireland, Brazil and Mexico, came to ASU to learn— and eventually implement—process innovation tools, and tools focusing on the IBM integrated supply chain.

Facculty from the Department of Industrial Engineering served as instructors for the program, with case study lectures by industry experts representing Wells-Fargo, TRW Automotive, Bank of America and General Electric.

“This program represents an intensive, results-oriented structure integrating proven methodologies by the faculty complemented by case studies by ASU corporate partners,” says Jeffrey Goss, assistant dean and executive director of the Center for Professional Development. “The program model that the Fulton School is strategically collaborating with industry to research and put into practice critical and methods to succeed in the very competitive global market.”

Through the Center for Professional Development, more than 500 executives have participated in global training programs in areas such as process innovation, six sigma, and lean and advanced technology management programs.

These customized programs, such as the one developed in partnership with IBM, are being delivered in person and online, and CPD’s list of industry-leading clients is growing.

This fall’s customized programs already are scheduled to be delivered in China, Malaysia, the Philippines and Korea.

“We are offering multiple training sessions a semester, in addition to the certificate and degrees we already offer on line,” says John Arkfeld, director, manager of professional education and business development at CPD.

“The level of industry professional benefiting from our courses is either already at the top or rising in that category, banks, and top corporate partners, enabling companies to revitalize the way they do business.”

This business edge apparently is just the ticket for executives, such as Partie. “This is the director of process innovation.”

“The quality of this program and the material is unrivaled in strength,” Pepper says. “ASU provides the best approach for managers learning the skills that will ultimately transform IBM’s business, and to develop the skills necessary to access to where we want to be.”

This attitude has been shared by CPD’s other industry, government and academic partners as well and characterizes the commitment to professional growth shared with the Fulton School as it attempts to develop knowledge locally and globally.

For more information about the Fulton School’s Center for Professional Development, visit the Web site (www.asuengiprofessionals.com).

Fulton School alumna wins national judicial award

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For more information about the Fulton School’s Center for Professional Development, visit the Web site (www.asuengiprofessionals.com).
Webber takes on new duties in Graduate Studies
By Michelle Martinez

Professor Andrew Webber has been appointed associate dean of graduate student programs in the Division of Graduate Studies (DGS). Webber, a faculty member in the Cellular and Molecular Bio- sciences, program director for the School of Life Sciences, and director of graduate programs in the School of Life Sciences.

He began working at Graduate Student Programs Sept. 16, replacing Marjorie Zatz, who accepted the position of vice provost for academic affairs and provost."I have worked with graduate students in many capacities at ASU, and I have always found that the students were my rewarding experience," Webber says. "I believe that graduate education and training programs will play an important role in creating the new interdisciplinary initiatives being launched at ASU." The Division of Graduate Studies is nationally recognized for its many activities, and I am very much looking forward to working with an active and committed team and to helping further graduate education at ASU!"

ASU Insight

September 30, 2005

ASU experts frequently are called upon to lead roundtable discussions to provide insight and opinion on current events and issues of public interest. Here are excerpts from recent articles featuring ASU representatives.

In what is likely the largest block of Louisiana students educated because of higher education, more than 50 fifth-year architecture stu- dents from Tulane University have re- sulted at ASU where five Tulane faculty members will teach. ASU's architecture dean, Wilkinson "Duke" Reiter, who has taught at Tulane, and Tulane's dean, Reed Kroloff, are enthusiastic. Local architecture and construction leaders say education professor Thomas Hala- dyna, Indianapolis Star, Sept. 18.

Modern humans and Neanderthals may have been more alike than previ- ously thought, according to new research focusing on tooth development, which is a marker for growth and aging. Nean- derthals may have had prolonged child- hood and relatively big brains, judging by molar eruption times. Though there is some debate about whether the time that it took Neanderthals to grow their teeth is broadly similar, "says an- thropologist Gary Schwartz, it doesn’t mean they are related to modern hu- mans," Schwartz says. (www. east.asu.edu/about/provost/presenta-

Webinar addresses Asian marketplace
By Karen Klimczak

Senior officials from the Republic of Korea Embassy, Hyundai Motor Co. and the Korea Economic Institute (KEI) will present a seminar on the Korean economy and its business opportunities in Asia from 1 - 5 p.m., Oct. 6, in the Memorial Union's Gold room on the Tempe campus.

The seminar will help educators attend to how to enter and thrive in the Korean marketplace and other Asian markets. Speakers will share challenges facing the region and discuss in long-term growth and development initiatives. Lectures include Kyong Yul Lee and Choe Jong-Iwua, Republic of Korea Embassy; Frank Shin, senior vice president of the Hyundai Motors Company; Scott Rembrandt of KEI; Dan Shank, professor of industrial engineering, and Thomas Daenig, professor of entrepreneurial programs, both with the Ira A. Fulton School of Engineering; and Tom Choi of the W. P. Carey School of Business.

"The KEI will continue the dialogue on Korean ambition to develop into a major logistics hub with entrepreneurship at the forefront," says Jef- frey East, assistant dean at the Fulton School of Engineering.

By engaging local universities and their com- munities, KEI hopes to expose students to Korean culture and to those who wish to learn more. The event is free and open to the ASU com- munity. By registering online, students can sign up to take the event in the Center of Professional Development in the Ira A. Fulton School of Engineering at (480) 965-5995 or (michelle.martinez.1@asu.edu).

Technology Management debuts at Polytechnic campus
By Chris Lambakis

It used to be that a prospective student interested in learning about entrepreneurial management would not know where to find those programs at ASU. In August, that changed. The Department of Information and Management Technology in the College of Tech- nology and Applied Sciences received approval from the Arizona Board of Regents to move forward with a new department and name degree programs.

Effective this fall, the department’s new name is the Department of Technology Management— which Cambria and ASU chair professor Thomas Shunk, reflects better the varied programs offered by the department and his range of programs focusing on weapon of mass destruction to digital print and photography.

"When forming a new department or college, it is important to review the programs being offered one by one to determine what should be included," says Jef- frey East, dean of the College of Technology Management.

"With information technology being one of the primary objectives of the Polytechnic campus, the name change helps to better accommodate new technical program offerings," he says.

In particular, according to the name, the bachelor's degree in Industrial Engineering, disestablished to make way for three new majors, which had been part of the disestablished to make way for three new majors, which had been part of the Industrial Technology degree. Bachelor's degrees in graphic information technology, environmental management technology (ETM) and operations management became effective for students entering for the current year.

"Previously, when undergraduate stu- dents or parents looked for academic programs in environmental technology or graphic information technology, they could not find in the Web design or engineering departments because degree programs were listed, not the technical concentrations," Shunk says.

Some of these programs offer online courses, or they will very soon. The master’s degree in ETM is the only one offered completely online by the department, and it has been for four years. Beginning in January, the master’s degree in technology will offer an online graphic information technology degree.

"In 2006, the bachelor's degree in Fire Service Management will be online, along with the bachelor's degree in Internet and Web development," Shunk says. "The effort to make more programs available online is only increasing and will continue."

"These department changes are the first of many changes that will be occurring as part of the proposed five-year plan to transform the Polytechnic campus. The plan recommends reorganizing exist- ing colleges, establishing new colleges and degrees in new areas, and adding faculty and facilities. To learn more about the department, visit the Web site at technology.asu.edu/dmtm). To learn more about the five-year plan, go to the Web site at www. east.asu.edu/about/provost/presentations/"

"Lambakis, with the Polytechnic cam- pus, can be reached at (480) 727-1173 or (lambakis@asu.edu)."

Rudy Garcia

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Meetings

Thursday, Oct. 6
Crafty Ladies Group, noon – 1 p.m., Memorial Union (M) Kachib room 224. Speaker: Michael Muhsen, San Francisco State University, College of Behavioral and Social Sciences, Criminal Justice Program Director. Sponsored by the School of Public Affairs. Information: (480) 965-3926.

Friday, Sept. 30
“Stories from the Front Lines of Public Service,” 4 – 5 p.m., Memorial Union (M) Cocomero room 224. Speaker: Michael Muhsen, San Francisco State University, College of Behavioral and Social Sciences, Criminal Justice Program Director. Sponsored by the School of Public Affairs. Information: (480) 965-3926.

Monday, Oct. 3
“Posing the Mechanism of Nucleation and Crystal Growth in Inorganic Networks,” Batonier Physical Science Building (PSB) 1150. Speaker: Jim Martin, Chemistry Department, North Carolina State University. Sponsored by the Physics and Chemistry Department. Information: (480) 965-2093.

Tuesday, Oct. 4
“Quest: The Essence of Humanity,” School of Law’s Armstrong lecture hall. Speaker: Charles Pasternak, director of Oxford International Biomedical Center. Book signing to follow at 5:30 p.m. R.S.V.P.: (480) 727-8322.

Wednesday, Oct. 5

“Million-Dollar Baby,” 6 p.m., ES 104. A film about euthanasia and disability rights, followed by panel discussion. Panelists: Gregor Wolbring, research scientist at the Department of Biochemistry and Molecular Biology, Faculty of Medicine, University of Calgary; Dan Stouffer, ASU College of Law; of the Bioethics, Policy and Law Program. Sponsored by the School of Life Sciences. Film rated PG-13. Information: (480) 965-8927.

Thursday, Oct. 6
“Stop Procrastination Once and for All!” noon, ASU Downtown Center, 502 E. Monroe St., Phoenix. Speaker: productivity management specialist Sue Shipman. R.S.V.P.: (480) 727-5266.

“Search for the Perfect Liquid at RHIC,” 4 p.m., PS F-123. Light refreshments at 3-4 p.m., F-Wing lobby. Speaker: Gary Westfall, Michigan State University. Sponsored by the Physics and Astronomy Department. Information: (480) 965-5359.

Lectures

Friday, Oct. 7
“Cyanobacteria: From Genome to Function,” 2 p.m., ES L-104. Speaker: Wim Verstraete, School of Life Sciences. Information: (480) 965-3500.

Monday, Oct. 10

Tuesday, Oct. 11
“Creating Your Dream,” noon, Downtown Center. Speaker: Christopher Dorns, an expert on peak performance and mental conditioning. R.S.V.P.: (480) 727-5266.

Wednesday, Oct. 12

English Emeritus Colloquium Series, 2:15 p.m., Durham Language and Literature Building (DL) room 316. Speaker: Bert Bender. Information: (480) 965-7611.

“Bionanotechnology Approach in Material Synthesis and Device Fabrication by Applying Peptide/Protein Assemblies,” 4 p.m., Barry M. Goldwater Center (GWC) room 487. Speaker: Hiroshi Matsui, City University of New York. Part of the Soft Matter and Biological Physics Seminar Series. Light refreshments at 3:45 p.m. Information: (480) 965-4073.

Thursday, Oct. 13

“Wrapping Light Around a Hair: Optics at the Nanoscale,” 4 p.m., PS F-123. Refreshments at 3:45 p.m., F-Wing lobby. Speaker: Eric Mazur, Harvard University. Sponsored by the Physics and Astronomy Department. Information: (480) 965-5359.

“The Chemistry and Physics of Regular Structures,” 7:30 p.m., IL H 150. Michael O’Keefe, Chemistry & Biochemistry Department, delivers the annual Eyring Lecture sponsored by the Chemistry and Biochemistry Department. Information: (480) 965-2093.

Friday, Oct. 14
“The Rationalize for Directed Immunotherapy in Autoimmune Disease,” 2 p.m., ES L-104. Speaker: Ed Motica, chief research officer, Scottsdale Healthcare. Sponsored by the School of Life Sciences. Information: (480) 965-3500.

“Dutch Books, Coherence and Consistency,” 3 p.m., Coor Hall, room 184. Speaker: Brad Armendt, ASU. Sponsored by the Department of Philosophy. Information: (480) 965-3594.


Saturday, Oct. 8
“The Legend of Robin Hood,” 10 a.m. – 4 p.m., Architectural and Environmental Design Building North (AED) room 60. Sponsored by the Center for the Study of Global Change and Environmental Studies. Information: (480) 965-6213.

Miscellaneous

Friday, Sept. 30
Astronomy Open House, 8 – 10 p.m., roof of the Bayete Physical Sciences Building H Wing (fifth floor). Information: (480) 727-7010 or (http://agsle.bsu.asu.edu/openhouse).

Saturday, Oct. 1
Tailgate party, 2 hours before USC versus ASU game, Wells Fargo Arena. Sponsored by the Alumni Association. Information: (480) 805-3454.

Chef’s Table Barbecue on the Patio, 10 a.m. – 12:30 p.m., University Club. Information: (480) 965-2505.

Monday, Oct. 3
Blood Drive, 8:30 a.m. – 2:30 p.m., northeast side of Memorial Union (MU). Also 8 a.m. – 2:30 p.m., Oct. 10; 8:30 a.m. – 1 p.m. Oct. 21. Information: (480) 675-5437.

Wednesday, Oct. 5
Classtified Staff Barbecue, 11:30 a.m. – 2 p.m., Old Main Lawn. Information: (480) 727-8233.

Edson Student Entrepreneur Initiative Orientation, 3 – 6 p.m., Payne Education Building (EDB) room 129. Information: (480) 965-0036.

Friday, Oct. 7
Instructor-led Computing Course, Adobe Photoshop 6: Basic Skills, 8 a.m. – 5 p.m., University Services Building (USB) Room 1202. Fee: $195. Information: (480) 965-4963.

Saturday, Oct. 8
Edson Student Entrepreneur Initiative Orientation, 9 a.m. – noon, Agriculture Building (AG) room 250. Information: (480) 965-0036.

Wednesday, Oct. 12
Instructor-led Computing Course, Access 2002 (XP) Form Design, 8 a.m. – 11:30 a.m., USB room 1502. Fee: $85. Information: (480) 965-4983.

Instructor-led Computing Course, Excel 2002 (XP) Charting, 1:30 p.m. – 5 p.m., USB room 1502. Fee: $85. Information: (480) 965-4983.

Friday, Oct. 14
Instructor-led Computing Course, Visio 2003 Introduction, 8 a.m. – 5 p.m., USB room 1502. Fee: $170. Information: (480) 965-4983.

Dillie’s Storybook Adventures, 10 a.m., Deer Valley Rock Art Center, 3771 W. Deer Valley Road, Phoenix. For children ages 4 – 6. Theme: “Desert Birds: The Owl and the Woodpecker.” Admission: (623) 582-8007.

Entertainment

*Tickets are free, unless otherwise noted. Building abbreviations are listed according to the official ASU phone directory. Send information to Judith Smith at (jps@asu.edu) or fax (480) 965-3465. For information about ASU events, visit the Web at (http://events.asu.edu).}

Events are free, unless otherwise noted.
**ASU Brass Ensembles**, 7:30 p.m., Katin Concert Hall.

**ASU Trumpets Lecture Recital**, 7:30 p.m., Recital Hall.

Jo coro Sextet, 7:30 p.m., ASU Kerr Cultural Center, Scottsdale.**

**Saturday Oct. 8**

Kota Yamazaki, 7 p.m., ASU’s Gammage Auditorium. A blend of contemporary, classical ballet and Asian-influence.**

String Chamber Music Recital, 7:30 p.m., Katin Concert Hall.**

**Monday Oct. 10**

St. Lawrence String Quartet, 7:30 p.m., Katin Concert Hall.

**Tuesday Oct. 11**

**Wednesday Oct. 12**

Mozart Keyboard Bath II, 7:30 p.m., Katin Concert Hall.

**Thursday Oct. 13**

A Night Under the Stars, 7 – 11 p.m., ASU’s Kerr Cultural Center, Scottsdale. Performing: ASU School of Music’s Trio do Sol. Free, but R.S.V.P. required: (480) 965-3466.

Violist Amin Masudzhdeyeva, 5 p.m., Katin Concert Hall.**

Chamber Orchestra, 7:30 p.m., Evelyn Smith Music Theatre.**

**Friday Oct. 14**

“A Tribute to Ray Brown and Lionel Hampton,” 8 p.m., ASU’s Kerr Cultural Center, Scottsdale.**

**Exhibitions**

Archives, Luhrs Gallery — 8 a.m. – 5 p.m., Monday – Friday. Hayden Library, fourth floor. Information: (480) 965-3145.

Through Jan. 23, “Redistricting Arizona’s Frontier Through Primary and Secondary Source Material from Archives and Special Collections.”

Arts, Media and Education/Institute for Studies in the Arts (AME/ISA) Computing Commons Gallery — 10 a.m. – 3 p.m., Monday – Friday. Information: (480) 965-3145. Commons, room 140. Information: (480) 965-0964. (http://asu.edu.am)

Through Oct. 21, “Congregation” by Andy Lomas. Lomas’s elegant images and animations emerge from intricate forms of plant and coral like structures created by digital simulation of flow and disposition. Artist-animator Lomas is the head of character effects at DreamWorks Animation.

ASU Museum, Nelson Fine Arts Center — 10 a.m. – 5 p.m., Tuesday – Tuesday. Wednesday – Saturday. Information: (480) 965-2877.

Through Nov. 19, “Stella Lai: Let’s Stop Pretending.” Reflecting on the historical turning point when Hong Kong was returned to China, San Francisco artist Stella Lai examines the architecture, language and memories that defined her homeland. Information: Denise Tan-

**Defenses**

Mohammad El-Zein, Ph.D., Civ. and Engr. Eng., 11 a.m., Oct. 3, BRGC 490.

Kathryn Boltz, Ph.D., Plant Bio., 1 p.m., Oct. 3, 11 a.m., Oct. 7, GWC 487.

**In FOCUS**

‘Orchids in the Moonlight’ kicks off Herberger Mainstage Theatre season

‘Orchids in the Moonlight’ kicks off Herberger Mainstage Theatre season

The ASU Herberger Mainstage Theatre season kicks off Oct. 7 with Carlos Fuentes’ poetic 1981 masterpiece, “Orchids in the Moonlight,” winner of the Mexican National Award for Literature. Based on Mexico’s golden age of cinema, Orchids’ main characters are classic actresses of 1940s Mexican, American and European films—Maria Felix and Dolores del Rio—who revisit their starring roles in a contemporary landscape.

First produced in 1982, “Orchids in the Moonlight” is taken from the title of the classic song from the film “Flying Down to Rio.” The play is set in an apartment in Venice, Calif., where the actresses are attended by Nubian slaves and serenaded by the music of Jorge Negrete. As one of Fuentes’ few plays, it is a classic example of his expertise in the realm of magical realism.

In this story, “actors impersonate actors who impersonate actors,” says director Oscar Giner, a theater professor in the Herberger College of Fine Arts. “The layers provide a wonderful range of perception and being. "Orchids in the Moonlight" will feature an art deco architectural set designed by Jeff Thomson and 1940s fashion costumes by Cecelia Fun-Hoshanov. Film clips from the Mexican-themed classics "Flying Down to Rio," "Bird of Paradise," "Desta Diable" and others will be shown. “This production is an experiment in how great design affects an actor’s performance,” Giner says. “It’s a point in space where ocean, moon, night and dreams gather in this play.”

Tickets for “Orchids in the Moonlight” range in price from $5 – $20 and are available online at (http://herberger.asu.edu/mainstage) or through the Herberger College Box Office, (480) 965-6447. Shows are at 7:30 p.m., Oct. 7, 14, 15, 20, 21 and 22; and 2 p.m., Oct. 7 and 16; at the Lyceum Theatre, 901 S. Forest Mall, on the Tempe campus.

The Herberger College Department of Theatre production program advances the art of theater with student

Katherine Roll Lang plays Dolores del Rio in the Herberger Mainstage Theatre production of "Orchids in the Moonlight." Production opportunities, curricula and professional productions that enrich the cultural life of the university, the community and the region. For more information, go to (http://theatre.asu.edu)
Grant money enables Biodisgn Institute to join fight against 'dirty bombs'

(Continued from page 1)

management," says Zenhausern, who is also a professor in ASU’s Fulton School of Engineering.

At TGen, Jeffrey Trent and Michael Bittner, who jointly worked on "biosignatures" of radiation response while at the NIH, will lead a team that will provide informatics and biostatistical support.

"TGen’s focus on mathematical tools, combined with ASU’s sophisticated and computing platforms, are a key component to the consortium’s goal of developing diagnostics that can be used to track down nuclear weapons, terrorist attacks on nuclear reactors, or the dispersal of radioactive substances with the use of conventional explosives – so-called “dirty bombs” – that could result in mass casualties," Zenhausern says.

The team, which includes Carl Yamashiro and Ralf Lenigk, will work on devices that can rapidly distinguish individuals who need therapy from those who do not, and that can measure internal and external exposure – not just after exposure, but during treatment and recovery stages. This will involve development of minimally invasive biodosimetry devices and technologies, biomarker assays and other automated biology-based, high-throughput diagnostic systems.

"The goal of our approach is to develop a tiny, miniaturized cartridge to provide rapid, frequent testing that is also sensitive enough to assess the biological impact of radiation for a set of specific indicators that indicate radiation exposure," Zenhausern says.

The work will include designing an integrated self-containing blood sample preparation and gene expression profiling device that will be portable and suitable for mass production.

TGem researchers will be working with longtime radiation biology collaborators at Harvard and Columbia to specify sets of genes that could provide accurate and fast responses to radiation in circulating blood cells.

"By studying the gene expression response of blood cells to radiation in a variety of therapeutic exposures that patients experience during medical imaging, radiation therapy, and to more extreme radiation," Bittner says, "it is possible to develop a panel of tests, which can be carried out during treatment that will indicate the extent of radiation exposure a person received during a radiation release." This will allow rapid determination of the appropriate types of treatment for those at risk for exposure, Bittner says.

Additional components coordinated by others in the consortium include several methodologies and devices to accurately and rapidly detect radiation from whole body samples, including protein changes in cells, including robotic methods to measure damage to DNA, and biosensors to measure radiation exposure and signataure identification of metabolites found in sweat and urine.

Contact with the Biodisgn Institute, be reached at (480) 727-0369 or (michael. caspermeyer@asu.edu).

Renowned economist gives speech at ASU

ASU’s African Student Association, in conjunction with the African and African-American Studies and the School of Global Studies, will play host to a lecture Oct. 4 by George Ayittey, a renowned economist from American University in Washington, D.C.

The lecture will take place at 7 p.m. in the Memorial Union’s Vinita Ballroom, room 220, on the Tempe campus. Ayittey’s lecture is titled “The G-8 Summit and its Ramifications on the African Continent.”

Ayittey, a scholar who originally is from Ghana, is the president of the Free Africa Foundation and has published several books on Africa, including “Indigenous African Institutions,” “Africa Betrayed,” “The Blueprint for Ghana’s Economic Recovery” and “Africa in Chaos.” He has written numerous articles on Africa and the Third World, and his articles have appeared in publications as the Wall Street Journal, USA Today, The Times of London and Reader’s Digest.

Ayittey has appeared in recent interviews on Bill Moyers’ “Wide Angle” and “The NewsHour with Jim Lehrer” programs – both aired by PBS – and on C-SPAN.

To register, call Employee Development at (480) 965-4751, or register online at (www.asu.edu/training).

Continuous improvement program debuts

ASU’s offices of the vice presidents in Business and Finance, Human and Organizational Sciences and Research and Economic Affairs, as well as Academic Affairs, have launched a continuous improvement program (CIP) that initially will target administration and service functions within ASU.

The scope of the CIP includes, but is not limited to, the following departments: Purchasing, Parking, University Services, Financial Services, Research Administration and Human Resources.

With suggestions from the university community, CIP officials hope to identify administrative functions or services that can be improved.

A virtual suggestion box has been set up on the administrative and service area’s Web sites. To access the suggestion box directly, go to (www.asu.edu/ president/suggestions).

The program is in its pilot phase; plans call for CIP to eventually expand to other university areas.

Currculum panel to consider new courses

The Tempe campus curriculum subcommittee will meet from 3:30 – 5:30 p.m., Oct. 5, in the Memorial Union’s Apache room 221 to consider the following new courses:

BME 111 Biology for Engineers, 3 hours.
BME 300 Fundamentals of Business for Biomedical Engineers, 3 hours.
BME 416 Seminar.
BME 487 Stochastic Operations Research, 3 hours.
BSE 211 Introduction to Mechanics of Materials, 3 hours.
BSE 255 Material Synthesis, 3 hours.
BSE 266 Materials Synthesis Lab I, 1 hour.
BSE 315 Mathematical & Computer Methods in Materials, 3 hours.
BSE 335 Materials Kinetics & Processing, 3 hours.
BSE 516 Lab Materials Structure & Microstructure, 1 hour.
BSE 538 Intro to Electronic, Magnetic & Optical Properties, 3 hours.
BSE 491 Lab Intro to Materials Characterization, 1 hour.
For more information, call Phyllis Lucie at (480) 965-0739.

Training workshops set for fund managers

Departments receiving average cash payments of at least $2,000 per month, or average check payments of at least $4,000 per month, need to adhere to certain cash handling requirements. For those departments, the business manager and all staff with supervisory responsibility for cash handling are required to attend a training session titled “Depositing University and ASU Foundation Funds.”

Those who have not attended this training session should attend one of the remaining sessions scheduled for this fiscal year. The dates and times for the sessions, to be held at the Computing Commons Auditorium (CC120) are:

• 10 – 11 a.m., Oct. 1.
• 9 – 11 a.m., Nov. 1.
• 2 – 4 p.m., March 22.
To register, call Employee Development at (480) 965-4751, or register online at (www.asu.edu/training).

Curriculum committee studies changes

The College of Liberal Arts & Sciences Curriculum Committee will meet at 9:40 a.m., Oct. 5, in the Foundation Building’s room 240 to discuss the following agenda items:

• English
• New course – ENG 302 Business Writing
• New course – ENG 306 Contemporary Studies
• Proposed revisions to the Asian/East Asian certificates and B.S. concentrations.
• New course – GLG 325 Oceanography.
School of Human Evolution & Social Change
• New courses – ASB 368 Prehistoric and Historic Hunter-Gatherers; ASB 255 Introduction to Material Culture.
• Change teaching method – ASB 102 Introduction to Cultural and Social Anthropology.
School of Justice & Social Inquiry
• Proposal for curriculum changes – description and title change for JUS 375 Justice and the Mass Media
Kinesiology
• Name change request – Request to change the name of the program from Interdisciplinary Ph.D. in Exercise Science to Interdisciplinary Ph.D. in Kinesiology.
• Change teaching method – ASB 495 Biomechanics.
• Title, semester hour, description and prerequisite change
• KIN 110 Research Analysis Laboratory.
School of Life Sciences
• New courses – HPL 515 Philosophy of Science; HPS 533 Decisions and Strategies; BIO 516 Seminars.
• New course – GLG 325 Oceanography.
• Title and description change – SOC 590 Sociological Theory
• Deleter course – SOC 586 Contemporary Sociological Theory.
Psychology & College of Law
• Establish a joint law and psychology J.D./Ph.D. program.
• New courses – WEN 389 Women, Film and Culture; WSS 322 Film and Gender Studies; WSS 328 Global Women and Gender Studies; WSS 410 Global Women and Gender Studies; WSS 328 Global Women and Gender Studies;
• New course – GLG 325 Oceanography.
• Change teaching method – ASB 102 Introduction to Cultural and Social Anthropology.
• School of Justice & Social Inquiry
• Proposal for curriculum changes – description and title change for JUS 375 Justice and the Mass Media
Kinesiology
• Name change request – Request to change the name of the program from Interdisciplinary Ph.D. in Exercise Science to Interdisciplinary Ph.D. in Kinesiology.
• Change teaching method – ASB 495 Biomechanics.
• Title, semester hour, description and prerequisite change
• KIN 110 Research Analysis Laboratory.
School of Life Sciences
• New courses – HPL 515 Philosophy of Science; HPS 533 Decisions and Strategies; BIO 516 Seminars.
• New course – GLG 325 Oceanography.
• Title and description change – SOC 590 Sociological Theory
• Deleter course – SOC 586 Contemporary Sociological Theory.
Psychology & College of Law
• Establish a joint law and psychology J.D./Ph.D. program.
• New courses – WEN 389 Women, Film and Culture; WSS 322 Film and Gender Studies; WSS 328 Global Women and Gender Studies;
• New course – GLG 325 Oceanography.
• Change teaching method – ASB 102 Introduction to Cultural and Social Anthropology.
• School of Justice & Social Inquiry
• Proposal for curriculum changes – description and title change for JUS 375 Justice and the Mass Media
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• Change teaching method – ASB 495 Biomechanics.
• Title, semester hour, description and prerequisite change
• KIN 110 Research Analysis Laboratory.
School of Life Sciences
• New courses – HPL 515 Philosophy of Science; HPS 533 Decisions and Strategies; BIO 516 Seminars.
• New course – GLG 325 Oceanography.
• Title and description change – SOC 590 Sociological Theory
• Deleter course – SOC 586 Contemporary Sociological Theory.
Psychology & College of Law
• Establish a joint law and psychology J.D./Ph.D. program.
• New courses – WEN 389 Women, Film and Culture; WSS 412 Guinon and Adolescence; WST 378 Global Feminist Theory.
By the numbers: Quality, size define characteristics of freshman class at ASU

(Continued from page 1)

Enrollment at ASU this fall has reached a record 61,033 students, 5 percent higher than last year's 58,156. ASU experienced a 10 percent bump in non-resident enrollment, despite an increase in non-resident tuition.

In addition to welcoming 5,395 new transfer students (15 percent), the West campus added 761 first-time, top high school students from around the country and provided more freshman support.

The effort has paid off by moving the entire student body even higher to a level that offers more non-resident.
By Paula Miller

The College of Education welcomed back one of its most distinguished alumni at this year’s McGrath Lecture Series, which took place Sept. 28 in Old Main's Carson Ballroom.


“We were delighted to welcome Dr. Wolfe back to Arizona State University,” says Maggie Mangini, director of the Bureau for Educational Research and Services with ASU’s College of Education and the planning committee chair for the McGrath Lecture Series. “He is a true leader in the field of education, and we are very passionate about educational professionals staying alive and motivated in their careers.”

In 1971, Wolfe completed his doctoral studies in educational leadership from ASU’s College of Education. He received his bachelor’s degree at Beloit College and a master’s degree at the University of Wisconsin. Kappa Delta Pi, headquartered in Indianapolis, is the international honor society in education and boasts more than 60,000 members.

Wolfe also has been a public school teacher and program coordinator and has served as a professor of teacher education and administrative education at Central Michigan University, Texas Christian University, and SUNY-Plattsburgh.

Wolfe has authored more than 70 journal articles and book chapters on teacher effectiveness, school climate, and teacher education.

His publications include co-authoring a book titled “Critical Incidents in School Administration,” and co-authoring book chapters titled “The Future of Teacher Education” and “Models of Mentoring Practices in Teacher Education.”

He also is co-editor of “The Life Cycle of the Career Teacher,” “The Mission of the Scholar” and “The Life Cycle of the Career Teacher in Practice,” his most recent book.

The McGrath Lecture Series honors the founding dean of ASU’s “modern” College of Education, Guy D. McGrath. McGrath served as dean from 1970-1995. During which time the institution was changed from Arizona State College to Arizona State University.

After ASU, McGrath was credited with developing ASU’s first doctoral program, which was in the College of Education. He recruited a rapidly increasing number of national and international audience on education issues.

He continued to serve the college until his retirement in 1988.

The McGrath Lecture Series is a fitting tribute to a leader who served at such a critical time in the ongoing history of ASU’s College of Education,” Mangini says. “Through this event, we are able to honor our past, celebrate our present and contribute to our future.”

Wolfe, with the College of Education, can be reached at (480) 727-7262 or (paula.miller@asu.edu).

By Judith Smith

A memoirist and nonfiction writer, plus a noted novelist, will speak and read from their work in October as part of the Virginia G. Piper Center for Creative Writing’s Distin- guished Visitors Writing Series.

One lecture will take place at ASU, and the other will be at the Desert Botanical Garden.

On Oct. 6, memoirist, nonfiction writer and editor Lee Giedd will give a free read- ing at 7:30 p.m. at Phoenix’s Desert Botanical Garden, located at 1201 N. Galvin Parkway.

There will be a cash bar for this reading.

Giedd is founder and editor of the popular journal Creative Nonfiction, the first and largest literary journal to publish nonfiction exclusively. His books include the award-winning “Many Sleepless Nights,” an inside chronicle of the world of organ donation; “An Unspoken Art,” a profile of veterinary medicine; and “The Best Seat in Baseball, But the Ball Has Struck,” a book about major league umpires.

His memoir, “Forever Far: Essays by the Godfather,” partially was inspired by a Vanity Fair article positing him as the “godfather behind creative nonfiction.”

Giedd founded the creative nonfiction program at the University of Pittsburgh. He helped found the low-residency MFA program in creative nonfiction at Goucher College and is director of the Mid-Atlantic Creative Non- fiction Writers’ Conference at Goucher.

He also is the director of the new Santa Fe Creative Nonfiction Writers’ Conference.

On Oct. 20, at 7:30 p.m., novelist Russell Banks will give a free reading at Old Main, Carson Ballroom, on the Tempe campus.

Two of his novels, “Affliction” and “The Sweet Hereafter,” were adapted into feature films that received widespread critical acclaim.

Feature-film adaptations of his novels “Continental Drift,” “Book of Jamaica” and “Rule of the Bone” are in development, and his new novel, “The Specialschooner,” is in development with HBO.

His most recent novel, “The Darling,” was selected by The New York Times Book Review as a notable book of 2004, and the novel is the fall selection for the Piper Center’s online book discussion group.

Banks has won a Guggenheim Fellowship and the Literature Award from the American Academy and Institute of Arts and Letters. He also is the founding editor of the award-winning literary magazine Conjunctions.

For more information about the lectures, call Salina Kergan at (480) 965-1243, or go to the Web site (www.asu.edu/piperswc).

Smith, with Marketing & Strategic Communications, can be reached at (480) 965-4823 or (pjr@asu.edu).

By Sharon Keeler

A donation drive sponsored by the Feral Friends student organization, plus student and staff volunteers, took place from 7 a.m. – 7 p.m., Sept. 24, at the Polytechnic campus. Donations of new and used clothing, household items, furniture and non- perishable food items were collected to be distributed to Hurricane Katrina evacuees.

The donation truck, dropped off by St. Vincent de Paul, was filled by the end of the day. More than 75 cars came by to drop off much-needed items.

Polytechnic students help hurricane evacuees

College of Nursing co-sponsors walk-a-thon

In an effort to help improve the mental health of children and teens, the National Association of Pediatric Nurse Practitioners (NAPNAP) will hold its second annual KySS Across America Walk-A-Thon in six communities across the country, including Tempe, beginning at 8:30 a.m., Oct. 15. KySS (Keep your children/youth Safe and Secure) is a national program of NAPNAP, founded and directed by Bernadette Melnyk, dean of ASU’s College of Nursing.

The college, along with the Arizona NAPNAP chapter and the Beta Epsilon Chapter of Sigma Kappa Delta Pi, is supporting the Arizona walk-a-thon. The 2.2-mile event raises visibility of children and teens’ mental health issues, as well as funding for KySS. Registration is at 8 a.m. at the Wells Fargo Arena in Tempe. A registration and pledge form can be printed by going to the Web site (http://nursing.asu.edu).

According to the World Health Organization, half of all children and teens will have a mental health problem by 2020 unless something is done to change the way our society and health care system perceive, diagnose and treat these problems.

Many issues have contributed to the steady rise of mental health problems in children and teens, Melnyk says, including genetics, maternal transitions such as divorce, poverty and violence, and low self-esteem and poor coping skills. One out of four children and teens in the United States – 13 million in all – are affected by a mental health or psychosocial problem, such as anxiety, depression and substance abuse, that interferes with their ability to function at home or in school.

“Less than 30 percent of these kids receive any treatment of these problems because of insufficient numbers of mental health providers, as well as inadequate health screening and early interventions,” Melnyk says. “If we do not place more emphasis on treating and preventing mental health problems as childhood, we will only face them later with an even greater negative impact when these individuals are adults.”