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President Barack Obama has appointed Barbara A. Schaal, Ph.D., the Mary-Dell Chilton Distinguished Professor of Biology and past chair of the Department of Biology, to a presidential advisory council in science and technology (PCAST). PCAST is an advisory group of 18 of the nation's leading scientists and engineers who will advise the president and vice president and formulate policy in the many areas where science and technology and innovation is key to strengthening the nation's economy and forming policy that works for the American people.

Obama announced the PCAST meeting date during his remarks April 27 at the National Academy of Sciences in Washington, D.C. Obama is the fourth president in modern times to address the annual meeting of the National Academy of Sciences. "This council represents leaders from many scientific disciplines who will bring a diversity of experience and views," Obama said during the meeting, which Schaal attended and noted, "I will change PCAST to reflect advising me about national strategies to nurture and sustain a culture of scientific innovation, and PCAST will be co-chaired by John Holdren, Ph.D., assistant to the president for science and technology and director of the White House Office of Science and Technology Policy; Eric Lander, Ph.D., director of the Broad Institute of Massachusetts Institute of Technology and Harvard University and one of the principal leaders of the Human Genome project; Harold Varmus, M.D., president and CEO of Memorial Sloan Kettering Cancer Center, former head of the National Institutes of Health and a Nobel laureate. "Professor Schaal has long been regarded as one of the top plant biologists in the United States," Chancellor Mark S. Wrighton said. "As we have benefited from her leadership here at Washington University, our nation will benefit because of PCAST's input to this important presidential advisory committee," he said. See Schaal, Page 2

Non-drug therapies reduce depression in bypass patients

By Tim Dryden

School of Medicine researchers have found that non-drug therapies improve depression in heart patients following coronary bypass surgery. Both cognitive behavior therapy and supportive stress management are more effective at reducing depression symptoms than the type of care normally provided by cardiologists and primary-care physicians during recovery from bypass surgery.

For more than two decades, these researchers have been studying depression as a risk factor for heart attack and death in patients with heart disease. In this study, the first to look at treating depression in heart bypass patients, they learned that about one in five experience an episode of major depression following coronary artery bypass surgery and at least that many develop milder forms. That's bad news not only because patients feel bad but also because depression near the time of surgery is a known predictor of postoperative complications, longer recovery times, decreased quality of life and increased rates of future cardiac events and even death. Very little is known about how to treat depression in those patients.
2009-10 OVATIONS season announced by Edison

By LIAM OTTEN

Theater is challenging, educational and inspiring. It is also, "we forget, fun. For its 2009-10 season, Edison Theater presented more than 330 events by nationally and internationally renowned performing artists. Shows range from provocative dance and multimedia rock opera to funk-infused klezmer (or is that Inside baseball funk?) and whimsical twits on literary classics.

The Edison Theatre OVATIONS Series opens Sept. 23, features "Roth: Dance in an Underground," which takes a subversive look at 1960s activism.

Dorfler (BSBA '77) has engineered one of the most celebrat- ed choreographers of his genera- tion, acclaimed for his exuberant and "delightfully oddball" style. Borja, a member of the Cast 3 with the theatrical power-pot trio Grooveby, brings their fresh and Reis's. Their collaboration with the work with class officers and vari- ous University entities to volunteered with La Clinica, a theater is challenging, educa- tional, and inspiring.

Jill Carnaghi, Ph.D., associate vice president for student life, "Over David's four years, he has been a most responsive and patient leader," said Jill Carnaghi, Ph.D., associate vice president for student life. "I've absolutely loved my time at this school," he said. "When we took it over, we were still renting VHS tapes. We transformed the tapes and had good success."

He transitioned to DVDs and had good success."

In 1999, she was elected to the National Academy of Sciences, the Institute of Medicine, and the Academy of Arts and Sciences. She has been a member of the Beta Theta Pi National Honor Society since 1980, when she was elected to the University of Wisconsin, and a member of the American Academy of Arts and Sciences since 1993.

Schaal grew up in Chicago. She attended the University of Illinois at Chicago, where she majored in business management and psychology. She graduated summa cum laude in 1971 and a doctorate in 1974, both from Yale University. Before joining WUSTL in 1990, she was a professor of psychology at the University of California, Los Angeles. She was a member of the American Psychological Association, the Society for Research in Child Development, and the International Society for Research on Child Development. She was a fellow of the National Academy of Sciences and the American Academy of Arts and Sciences.

Schaal has hosted shows of plant species ranging from oak to mead's milkweed, a Midwestern prairie plant. Her recent work includes collaborating with students and peers to research the evolutionary genetics of plants in hopes of understanding how they are living in the wild most widely used crop guilds, the prairie. Being in Germany, Schaal grew up in Chicago. She attended the University of Illinois at Chicago, where she majored in business management and psychology. She earned a master's degree in 1971 and a doctorate in 1974, both from Yale University. Before joining WUSTL in 1990, she was a professor of psychology at the University of California, Los Angeles. She was a member of the American Psychological Association, the Society for Research in Child Development, and the International Society for Research on Child Development. She was a fellow of the National Academy of Sciences and the American Academy of Arts and Sciences.

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One day allow physicians to monitor people at risk and even perhaps to intervene before gallstones become a serious problem. Learning more about susceptibility to gallstones is an important public health issue in the United States. Between 16 million and 22 million Americans have gallstones, which depend on the amounts of cholesterol or calcium salts that form in the gallbladder or in the bile ducts. In many cases, people require surgery, and more than half have a million operations to treat gallstones and remove the gallbladder each year.

"Gallbladders form when cholesterol is secreted in bile from the liver at high concentrations, and that typically happens in patients who are obese, who have diabetes, take estrogens or who have lost a lot of weight very rapidly," said senior investigator Nicholas O. Davidson, M.D., professor of medicine and development biology. "Since these mice don't become obese, we thought they might be protected against gallstones. But we found that they were dramatically more susceptible.

The researchers studied a strain of mice without a substance called liver fatty acid binding protein (L-fabp). Davidson's group compared those genetically engineered mice to their healthy, normal littermates. Both groups of mice ate either a standard chow diet or a more typical "Western" diet that provided about 20 percent of its total calories from fat and cholesterol. After two weeks on the experimental diet, one in 17 of the normal mice developed gallstones, but six of the eight mice without L-fabp had gallstones. Davidson's team reported the findings in the May issue of the Journal of Lipid Research.

Davidson said in addition to risk factors such as diabetes and obesity, these experiments show that genetics play a role in gallstone risk. The L-fabp gene, which both mice and humans have, may be a key to understanding how genes can predispose to cholesterol gallstone formation.

"The L-fabp gene is located in a part of the mouse genome that appears likely to be involved in genetic susceptibility to gallstones," Davidson said. "We believe it also may be involved in gallstone susceptibility in humans."

Although minimally invasive gallbladder surgery has made gallstone problems much less serious than in the past, sometimes the symptoms can be severe and persistent.

"Patients can develop acute pancreatitis or ascending cholangitis, which occurs when gallstones obstruct the pancreatic or bile duct and become infected," he said. "Even without those problems, gallstones can cause severe, recurrent abdominal pain in a very large number of people. So better understanding who is susceptible and learning how to more readily intervene could be very important for people at risk."

New partnerships Aaron Hennessy, M.D. (right), the James P. Kasting, M.D., Professor of Pediatrics and director of the Neonatal Intensive Care Unit (NICU) at St. Louis Children's Hospital, discusses the levels of care provided in the NICU to a group of neonatologists from China and to Heather Haasbroek (third from left), nurse manager of the NICU. The May 7 visit to the Division of Newborn Medicine and the NICU was part of a collaborative research and clinical exchange that Hennessy is developing with Fudan University in Shanghai. About 15 physicians came from China for the visit, which included presentations, discussions about research and a lab tour.

Hallahan to head radiation oncology department By GWEN ERICSON

Dennis E. Hallahan, M.D., has been chosen to head the Department of Radiation Oncology at the School of Medicine.

Hallahan will be named the first Elizabeth H. and James S. McDonnell Distinguished Professor in Medicine and will serve on the senior leadership committee of the Simon Cancer Center. The appointment was announced by Larry J. Shapiro, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, and was effective May 1.

"Dennis Hallahan is highly regarded for his expertise and innovative research on improving the safety and effectiveness of radiation for cancer treatment, and we are very fortunate to be able to welcome this top-notch scientist, physician and administrator to the University," Shapiro said. "I am confident that Dr. Hallahan's leadership of the Department of Radiation Oncology will continue as a source of the best possible patient care, superb training in radiation education, groundbreaking molecular targets for cancer therapy and to develop new drugs that improve cancer response to radiation and cellular oncology.

In 1998, Hallahan joined the faculty of the Cancer Center at the University of Michigan, where he moved to Vanderbilt University as head of the radiation oncology department. He was a radiation oncolo- gist at Vanderbilt University Medical Center, a fellow at Memorial Sloan-Kettering Cancer Research and chairman of the Department of Radiation Oncology.

Hallahan will occupy a newly endowed chair named for James S. McDonnell III and his wife, Elizabeth. McDonnell was a director of McDonnell Douglas Corp. until its merger with the Boeing Co. in 1997. McDonnell was a vice president of the corporation from 1973 until his retirement in January 1991. He is deceased.

As head of the Department of Radiation Oncology, Hallahan to head radiation oncology department. In 1998, he completed a residency and internship in internal medicine at the University of Chicago, where he also completed a residency in radiation oncology and a post-doctoral fellowship in project radiation and cellular oncology.

In 1998, Hallahan joined the faculty of the Cancer Center at the University of Michigan, where he moved to Vanderbilt University as head of the radiation oncology department. He was a radiation oncologist at Vanderbilt University Medical Center, a fellow at Memorial Sloan-Kettering, Nashville General Hospital and other Nashville-area medical facilities.

Hallahan conducts research to identify new molecular targets for cancer therapy and to develop drugs that improve cancer response to radiation and cellular oncology.

The invention helps boost the entire Department of Radiation Oncology, the Loeb Prize for Excellence in Research.

"I am grateful to be chosen for this honor and thankful for the important role that endowments play in the School of Medicine and the University," Carol Loeb said. "I believe this recognition helps boost the entire Department of Orthopedic Surgery. We are fortunate to have many outstanding scientists and educators, and I am proud to be associated with such talented colleagues."

Carol Loeb earned a bachelor's degree in mathematics at Mount Holyoke College. She became a mathematics teacher and later served on the school's Board of the Missouri Botanical Garden. The Loeb's also established the Loeb Prize for Excellence in Teaching at the St. Louis Science Center, where Carol Loeb is serving her second term on the board of trustees.

Loeb joined, former chairman of the May Department Stores Co., joined the company's Board of Directors in 1964 and held several positions both at the corporate office and at Hecht and Loeb in Chicago, D.C. In 1981, he was named executive vice president and CEO of the company, was elected to the board of directors in 1984, was promoted to president in 1993 and was named chairman in 1998. He retired in 1999 and died in 2004.

Loeb earned a bachelor's degree in mathematics and physics from Tufts University and a master's degree in mathematics from WUSTL in 1964.

Hallahan earned a medical degree from Rush University in Chicago in 1984. He completed a residency and internship in internal medicine at the University of Chicago, where he also completed a residency in radiation oncology and a post-doctoral fellowship in project radiation and cellular oncology.

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University Events

Smoke Free • Octomom Ethics • Axonal Degeneration

Record hiatus

After this issue our monthly publication schedule takes effect. The Record will publish June 11, then once in July and in early August before resuming monthly publication in late August.

We hope you and your family have a safe and enjoyable summer.

Auction Paddle: Andrew Klier, prof. of physiology, U. of Bern, Switzerland.

90.- 8421. Wednesday, May 19

Baseball earns at-large NCAA berth

The baseball team earned an at-large berth into the NCAA Division III championship tournament, the NCAA announced May 11. It is the fourth postseason trip over the past five seasons and seventh in school history.

WUSTL is 25-10 overall in 2009 and enters postseason play on a hot streak, winning 10 of its last 11 contests.

The Bears faced University of Wisconsin-Whitewater in the tournament opener May 13.

For the best, visit beersports.wustl.edu.

Women's tennis falls in NCAA tournament

The No. 14 women's tennis team dropped a tight contest to No. 12 DePaul University, 5-4, in the 2009 NCAA Division III tournament May 9 in Green castle, Ind.

WUSTL defeated Manchester College in its tournament opener May 8 but fell to DePaul in the semifinal.

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Men's tennis advances to NCAA quarterfinals

The No. 15-ranked and defending NCAA Division III national champion men's tennis team will make its third straight appearance in the NCAA tournament quarterfinals following a pair of 5-0 wins over DePauw University and Carthage College in the NCAA regional.

WUSTL improves its school-record winning streak to 18 straight matches. The Bears also have won their past seven NCAA tournament matches dating back to last year.

WUSTL (31-23) picked up its 21st win of the season, tying the school record set in 2008. The Bears will face No. 9 Gustavus Adolphus College in the quarterfinals Tuesday, May 19, in Claremont, Calif.

Softball wins three at Midwest Regional

The No. 20 ranked softball team ended its season with a 27-13 overall record. A 3-2 record at the Midwest Regional last weekend was not enough for the Bears to continue play.

After dropping a 1-0 loss to Luther College in the opening game, the Bears posted victories over No. 3-ranked Central, No. 12-ranked Wartburg, College and Luther in the loser's bracket to stay alive. WUSTL ran, however, came to an end May 10 with a 7-2 loss to Webster University.

Alyssa Abramsky, Lindsay Cararra, Carter Malow and Chloe Veria were named to the Midwest Regional All-Team.

On the Web

For complete sports schedules and results, go to beersports.wustl.edu.

Commencement tradition

Master's and doctoral students get the honor of "hooding" each other after the conferral of their degrees. The colors of the hoods represent the schools from which the graduates earned degrees.

Sports

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BY BETH MOLLER

Ahn starts new chapter with pediatrics career

After graduating from Washington University in May, 2014, Christina Ahn is looking to improve the way patients are treated. "I hope to help other people and do something and take that first step. I hope to help other people," says Ahn.

Robert Rothbaum, M.D., (left) and Phillip Terr, M.D., work with Christina K. Ahn in the clinical simulation center. Ahn was mentored by Rothbaum and Terr in pediatric gastroenterology while a medical student.

Ahn made significant contributions to the care of patients as a student. "Christina radiates positive energy," Rothbaum says. "Her warmth and generosity set an example that we aspire to reach. Good doctors are basically good people who are highly interested in others. Christina lights the way along that path." Between her third and fourth years of medical school, Ahn received a prestigious Doris Duke Fellowship, which allows for a year of research. Ahn worked with Phillip Terr, M.D., the Melvin E. Carnahan Professor of Pediatrics, on a multicenter study examining the potentially life-saving antibiotic treatment for children who develop hemolytic uremic syndrome, a disease that can occur after a gastrointestinal infection with E. coli bacteria. That experience renewed her interest in research. "I like knowing that these results could affect the direct management of care," she says.

For the next two years, Ahn will be teaching high school mathematics in North Carolina as a corps member of Teach For America. After Teach For America, she is considering a joint law and social work program. Whatever her future, many who know Ahn believe she is already "the kind of teacher who students will always remember, and I feel lucky to have worked with her."
Barbosa has passion for arts, community service

By Neil Schoenherr

A dual-degree candidate in sculpture in the Sam Fox School of Design & Visual Arts and Latin American studies in Arts & Sciences, Diana Barbosa will make an obvious career choice after Commencement: She'll pursue a career in public health.

To those who know the outgoing and highly involved Barbosa, the decision may not be so surprising.

Barbosa, who was born in Colombia but grew up in Miami, has been involved in the arts since a very young age. She attended a fine arts high school, where she developed a passion for sculpture.

And while she has had several successful sculpture showings during her WUSTL career, she also has made time for volunteering with the American Red Cross, working in a genetics laboratory at the School of Medicine and creating the College Connections program, which helps minority St. Louis youth continue their education by highlighting the future.

"Diana is truly amazing." says Sarah Tillery, coordinator for community service. "She's one of the most well-rounded people I have ever known. I have seen her coordinate a summer program, experiment with light for an art installation, mentor high-school students looking to come to college and fix the bumper on a car. Her passion for education, art and creating opportunity for others runs deep."

During her junior year, Barbosa was granted a work-study position from University City, installing about 200 robotic animals in several trees. The "birds" chirped and moved their heads and beaks when people would walk under the trees.

From that experience, she became interested in public art. She says, "I want to have certain experience through my art." Barbosa says, "I want them to have more active involvement with what I produce."

That has led to an interest in artwork as social intervention. "I'm trying to see where I can overlap my sculpture and studio practice with the public, health interest I have," she says.

For a recent show in a warehouse in midtown St. Louis, Barbosa wanted to highlight the symbolism of light and dark. She covered her car with lights and then drove participants to an area church where they listened to recordings of famous people from American history, such as John F. Kennedy and Martin Luther King Jr., addressing metaphorical themes of light and dark.

"The aim of the project really was to highlight arts ability to bridge different people within a community," she says.

Amika Rodriguez Scholar, Barbosa realized the disadvantages many Latin Americans have when it comes to higher education. So she decided to do something about it.

"As Rodriguez Scholars, we've been given an amazing opportunity to attend a top-ranked School," Barbosa says. "It's a gift, a blessing. We wanted to share that gift with others in the community."

Diana Barbosa (left) has fun at Thurtene Carnival with Arvell Pruitt, a Wellston High School student she brought to campus through her involvement with the College Connections program.

Barbosa has served as the School of Art student representative to the Undergraduate Student Council, community service chair of the Association of Latin American Students and community service liaison and program intern for the Amika Rodriguez Scholars program. She received the L. Desmond Lee Scholarship for Community Collaboration.

After Commencement, Barbosa was planning to use her extensive network to seek a job in public health, hopeful in an outreach and research capacity. Her long-term plan is to attend graduate school after being in the field for a while.

But she won't soon forget the time a friend texted her: "WUSTL was exactly what I wanted," she says. "I've loved my time here."

Crane has the ability to look at both sides of the law

Laura Crane never wants her life to become routine.

Crane says that's why Crane, who graduates May 13 from the School of Law, decided to leave her career in advertising to attend WUSTL.

Crane, a native of Rochester, N.Y., spent three years before law school working with smart, creative people at a New York City advertising agency and with clients ranging from pharmaceutical corporations to football teams.

"In advertising, there's a very creative aspect of trying to find that clever idea to hook people and entertain," says Crane, who earned a bachelor's degree in English and Spanish from Duke University in 2003. "But the legwork of making an ad is very process-driven, and it's very similar making an ad is very process-driven."

She'll pursue a career in public health, working to educate immigrant Latinos about reproductive health.

"These students are realizing they have more active involvement with what I produce."

Laura Crane (left) works with fellow law student Daniel Tierney in the courtyard of Anheuser-Busch Hall. Crane and Tierney both served as international law interns with Thomas Schiwetz, J.D., ambassador in residence at the School of Law.

The Supreme Court is highly selective as to what cases it will hear, but the likelihood of the Supreme Court selecting a case was heightened because of a circuit split, with two opposing views on how to interpret and apply the argument.

"Laura has a great mind," Richards says. "She certainly has strong and passionate but also intellectual views, but she also has the ability to look at those views in an objective way and the strength of law and legal decisions. She can look at different legal questions from different perspectives."

This fall, Crane will face a new set of challenges as she begins work at the corporate law firm of Coats, Stearns & Neuman LLP in New York City, where she was a summer associate in 2008.
Dover takes an ecological approach to architecture

By LAM OFFEN

ike any good architect, Taylor Dover begins each project by investigating the needs of his clients. In this case, butterflies.

With classmates Atan Basa and Adrià Longedeyzer, Dover — who also received a bachelors degree in architecture May 15 — spent much of the spring designing a combined bench and shade pavilion for the University of Miami's Skandalarios Center.

"It's a very constricted space," Dover says. The site, which would double as a butterfly house, is a small garden between the university's School of Architecture and the Coral Gables Museum

Dover exhibited a keen sense of curiosity about how things work. One of his first inventions, when he was in second grade, was a mechanized car made out of a toilet in a feat that has become known as "the wheelbarrow." He gave this and many other side projects names such as "Dover's Mechanized Light." By the time he was in second grade, was a mechanized car made out of a toilet in a feat that has become known as "the wheelbarrow." He gave this and many other side projects names such as "Dover's Mechanized Light." By the time he was in second grade, Dover "put a functional.replace (\"breaking\", \"to repairing\")

Sabet's life, along with Ironman dancing. The goal is to teach fifth graders about entrepreneurship and the idea of research-based design — far from diminish per- sonal creativity — challenges you and opens you up to new ideas." This semester, as part of an independent study project, Dover and seniors Lauren Ricks and Jessica Rosi-Mastrapace spent months designing an entry for the Miami 2009 Pier Museum Urban Design Competition. Sponsored by Arquitectum, the competition proposes creating a 2,000-square-meter "horizontal monument" to the immigrant experience.

"It's a very constricted space," Dover says. The site, which would house the pavilion, is a small garden between the university's School of Architecture and the Coral Gables Museum.

"Taylor was a very engaged student," says Bruce Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. Desmond Lindsey, dean and the E. 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A second chance at a first-choice career

By JESSICA MARTIN

Aaron Jennings was unsure of his next move. He had a solid educational background in politics and government, a strong desire to help others, born out of his faith and upbringing, but he was unsure of a career path.

A late-night Internet search gave him unexpected clarity.

"It was my senior year at the University of Missouri, and I was looking for a graduate school that would give me the tools to truly help others," says Jennings, who graduated May 15 with a master's degree from the George Warren Brown School of Social Work.

"I stumbled across the Brown School's Web site and found exactly what I was looking for. A program that stresses the use of evidence-based research to make sure that the help I hoped to give others would have a lasting impact," he says.

Jennings' main interest is youth development, particularly African-American males. He began earning valuable experience during his time with the St. Louis Gear Fellows, a leadership training program in public affairs.

Among other projects, Jennings helped St. Louis Public Schools (SLPS) Office of Development and Community Engagement, SLPS Office of Research and Data Collection, SLPS Office of Public Service, and SLPS Office of Formative Research.

In 2010: St. Louis Public Schools and SLPS formed the African-American Male Achievement Program, which in turn does likewise for females and also serves as an organization's most important fixture at Roosevelt High School.

"He stands out as a leader and a role model for the youth he works with and his peers," Jennings' impact on St. Louis schools to agree to give full scholarships to low-income, potential students and worked as a program assistant for Public Service.

"This commitment is solid and sincere," he says. "At the beginning of the school year, his GPA is now 2.857." SLPS is working to continue Jennings' dropout prevention program.

"Aaron is a man on a mission who focuses on how he can uplift the self-esteem and academic performance of African-American males, which in turn does likewise to their female counterparts and America as a whole," says Jack Kirkland, associate professor and Jennings' adviser. "His commitment is solid and sincere." During his time with the Brown School's Student Coordinating Council, he advocated for students and worked as a program assistant for WUSTL's Gephardt Institute for Public Service.

"Aaron is not just a student going through the motions to become a social worker," says Karen Ashton, manager of student programs at the Brown School.

Jennings' program, produced in his "Developing Programs" class at the Brown School, features the Saturday Academy, where students learn study skills and participate in personal development workshops; Check and Connect, where Jennings checks in with his students at least twice a week and connects them to necessary resources; and a weekly study hall.

"You would be surprised to see what students will do if they know that someone is there for them," he says.

"In a classroom, especially continuing education, almost everyone comes from work, they're sitting, tired, and then they have to work for two more hours," Schindler says. "It can be a challenging environment, but Daniela was a prime example for her class. She was always working hard, and never enough time. "People were telling me I was crazy for taking so many classes at once," she laughs, "but I just wanted to get started on my new career!"

Lehmann, whose family is flying in from Germany for Commencement, says that her education at WUSTL made her an attractive candidate to Gallup. Lehmann interviewed with Gallup several times before being offered the job.

"In a classroom, especially continuing education, almost everyone comes from work, they're sitting, tired, and then they have to work for two more hours," Schindler says. "It can be a challenging environment, but Daniela was a prime example for her class. She was always working hard, and never enough time. "People were telling me I was crazy for taking so many classes at once," she laughs, "but I just wanted to get started on my new career!"
Linsenmeyer celebrates musical instruments of the world

By Cynthia Georges

Antonio Stradivari reportedly crafted some 1,100 stringed instruments in the northern Italian city of Cremona and died a celebrated artist whose creations are revered by musicians and collectors around the world.

Today, the Stradivarini continue to set the standard of musical perfection, commanding millions at auction. In 2006, the late violinist Itzhak Perlman sold one of the great violins of the 18th century for $3.5 million at Christies auction.

Linsenmeyer, who will receive a doctorate in musicology at WUSTL, is determined by WUSTL's Nussbaum Graduate School of Arts & Sciences and the Department of Musicology to substantiate her claims to better understand the objects she observes in museums.

Combining international reposi- tories to substantiate her claims was a far cry from what Linsenmeyer envisioned for herself growing up in Baltimore.

"I realized then that music was a metaphor for everything in life," she says. "It helped to establish an identity, and my love for music really came into focus in college," says Linsenmeyer, who also plays the viola da gamba. "This had a lot to do with my professors, the students and the well-established music ensembles.

Linsenmeyer also played the violin at the University of North Bennet Street School in Boston and experience repairing and dealing violins, Linsenmeyer launched her doctoral studies.

Along the way, she grew dis- couraged by the static presenta- tions she observed in museums. Most museums put an instrument in a glass case, slap a label on it and call it art," she says. "I'd done some woodworking prior and liked working with my hands," she says.

A few years later, with a certifi- cate in violin-making and restora- tion from North Bennet Street School in Boston, Linsenmeyer decided she would pursue a doctorate, she decided she would first learn how to make violins. "If I don't have a building block, I can't build the building," she says.

"I'd done some woodworking prior and liked working with my hands," she says. "I realized then that music was a metaphor for everything in life, learning, communication, self-discovery and facing challenges," she says.

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Talent advocate Smith pushes to improve health care

BY CYNTHIA GEORGES

When Carson Emmons Smith wasn’t working in her parents’ local fitness shop in Paducah, Ky., she was dribbling a soccer ball, wrestling a softball, trying her hand in a dance studio or bouncing on her trampoline. “I love the outdoors,” says Smith, who is admiring a brokenown woodworm. Naturally, it was under the spell of a particularly benign miracle that the Smith rec- umbed to the breathtaking beauty of autism on the Danforth Campus.

“The weather just seemed to be nudging me that this is what I wanted to do,” she says of her first visit. “But it’s been the people at WUSTL — my friends, professors and administrators — who have kept me engaged for the past four years.”

On May 15, Smith receives a bachelor’s degree in anthropology and public health, with a minor in public health. She has kept an active status because her condi- tion has been stabilized. “I have a wonder- ful support network in my family and friends,” she says. “But I have been there and heard stories of people who are not as lucky.”

While interning at the Pul- monary Hypertension Associ- ation in Silver Spring, Md., after her sophomore year, Smith spoke with people unable to work or pay for insurance due to illness. “These experiences made my heart ache and opened my eyes,” she says.

The following summer, she returned to Paducah to the Lourdes Healthcare Systems. She shadowed doctors and adminis- trators. She also observed social workers frustrated by limitations of Medicare and Medicaid and by the crippling financial burdens on patients and their families.

Smith has interned at the American Lung Association in St. Louis and, in February, as- sumed the post of research assis- tant at the Center for Tobacco Policy Research at the George Warren Brown School of Social Work.

“Knowledge is power,” she says. “What most people don’t know is how supportive Carson is to everyone around her.”

Smith was shy as a child, but now she’s an outspoken advocate for health organizations in St. Louis and Paducah, Ky., her hometown.

Carson Emmons Smith was shy as a child, but now she’s an outspoken advocate for health organizations in St. Louis and Paducah, Ky., her hometown.

and acting as a guinea pig,” Smith says. She is on a wait list for a double-lung transplant but has inactive status because her condi- tion has been stabilized. “Thankfully, I have a wonder- ful support network in my family and friends,” she says. “But I have been there and heard stories of people who are not as lucky.”

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The sky is no limit for NASA-bound Turett

BY TONY FITZPATRICK

Robotics and engineering first caught Fiona Turett’s fancy at NASA Space Academy in Huntsville, Ala., when she was 13. It was the first of many NASA programs, which Turett, who graduated May 15 with a bachelor’s degree in anthropology and public health, has participated in.

Turett began high school in Rochester Hills, Mich., she partic- ipated in For Inspiration and Recognition of Science and Technology (FIRST), a national program that trains teams of students to work six weeks to design and build a robot that plays a strategic game. In 2005-06, she participated in her first senior design project with a team of six students. “I've spent more than my share of time in the hospital having tests and being poked by doctors,” Turett says. She is on a wait list for a double-lung transplant but has inactive status because her condi- tion has been stabilized. “Thankfully, I have a wonder-
**Commencement speakers**

Ellis to serve as honorary grand marshal — from Page 3

Violent weather plan

The decision for implementing the Violent Weather Plan for Commencement ceremonies will be made by 7 a.m. Friday, May 15. Mayor local radio and TV stations will be given the information, and it will appear on social media immediately following the announcement through campus e-mail.

Other highlights of his tenure include: increasing the number and scope of the school's law school's skills courses, integrating the first-year legal research and writing program; merging computer and library services; and creating a new department of information resources. He also managed a self-study and re-accreditation process, hosting numerous legal conferences featuring eminent scholars and practitioners, and expanding the school's international ties through broadened faculty teaching and scholarship and advanced degree programs for lawyers from other countries.

In 1999, Ellis returned to his first love—teaching. He taught courses in William and Orithenia Dowling Distinguished Professor of Law.

Ellis has taught in the areas of legal history, the school of law, and the university. He has published on constitutional history, torts, anti-trust, law and economics, and public policy. He has published a book on the history of the大学 and has taught three classes in constitutional history, torts, and anti-trust, law and economics.

He serves as academic director of the school's Taxation Law Program, which allows students to study taxation at the University of Washington School of Law and the university. He also serves as chair of the Board of Regents of the University of Washington.

Ellis was named to the National Academy of Sciences, and his work has been recognized by the American Bar Association, the American Law Institute, and the American Bar Foundation. He has received numerous awards and honors, including the American Bar Foundation's Award for Distinguished Teaching, the American Law Institute's Award for Distinguished Service, and the American Bar Association's Award for Distinguished Service to the Profession.

The presidential, acting assistant dean of the faculty and a professor of law.

Ellis earned a bachelor's degree in 1969 from Maryville College in Tennessee and a law degree from the University of Chicago in 1969. Maryville College conferred the honorary degree of Doctor of Laws in 1998. He and his wife, Sandra, have two children — Laura, a lawyer, and George, a graduate of the Ohio State University — and two grandchildren.

Also at Commencement, approximately 80 alumni from the Class of 1959, celebrating their 50th reunion, will march in the opening procession.

For the 29th consecutive Commencement, the program will begin with music by the Mighty Mississippi Concert Band of St. Louis, under the direction of Dan Presgrave, music director/conductor of the Washington University Symphony Orchestra.

University Wind Ensemble and the St. Louis Winds Symphony.

Al Naylor and Jordan Stanford, each of whom will receive a master of music degree from the School of Music and Theater.

Wrightson will deliver his message immediately following the main ceremony.

Academic integrity conference proposals due June 15

Washington University will host The Center for Academic Integrity's 18th Annual International Conference Oct. 16-18.

The conference theme is "Creating a Culture of Integrity: Research and Best Practices." Several hundred students, faculty and staff from around the world will discuss the practice and philosophy of academic integrity, focusing on issues germane to both higher education and high school education.

The conference will cover a range of subjects, including integrity research, international perspectives on academic integrity, high-tech cheating, and classroom and institutional best practices.

WUSTL students, faculty and staff from all disciplines are invited to register for the conference and to submit program proposals. Brief program proposals are due by June 15.

For more information, visit the center's Web site at academicintegrity.org or contact Dirk Killen, associate dean in the College of Arts & Sciences and the college's academic integrity officer, at dkillel@wustl.edu or 314-935-1941.

The Center for Academic Integrity, which is composed of more than 560 institutions, is affiliated with the Robert J. Rutland Institute for Ethics at Claremont University in Claremont, Calif.
A welcoming presence

Steiner-Lang helps international students, faculty and staff feel at home at WUSTL

Though Kathy Steiner-Lang doesn’t travel much, she gets to experience many of the world’s cultures on a daily basis. Steiner-Lang directs the Office for International Students and Scholars. The mission of the office is to provide social, cultural and academic support; English-language instruction; and information on governmental regulations to all international members of the WUSTL community. It also facilitates cross-cultural understanding within the University and the St. Louis metropolitan area.

Steiner-Lang, assistant vice chancellor and former office director, provides services for undergraduates, graduate students, postdoctoral scholars and faculty and staff members. Though she didn’t grow up on a dairy farm in Wisconsin and didn’t even leave the state until after enrolling in college, international enrollment has skyrocketed during Steiner-Lang’s tenure. While 18-year-old students were from other countries in 1992-93, students and faculty now come from more than 125 countries around the world, and nearly 35 percent of freshmen are international students.

There are 1,400 international students at the University and around the same number of faculty members and postdoctoral fellows.

“We are indeed fortunate to have Kathy leading our Office for International Students and Scholars,” says Karen Levin Coburn, senior consultant in residence and Steiner-Lang’s supervisor for 17 years. “A nationally recognized leader in her field, she is truly one of the University’s treasures. ‘Kathy and her staff make it possible for students and scholars from all over the world to become an integral part of our community,’ Coburn says. ‘Kathy not only helps international students and scholars navigate the ins and outs of the world of visas and immigration services, she has also created an innovative series of programs and services that have transformed the international student experience.’

Wisconsin, then the world

Steiner-Lang’s interest in international studies began early in her life.

“I remember hearing an exchange student speak at my grade school and thinking it was incredibly exciting,” she says.

Born in Sheboygan, Wis., Steiner-Lang attended Lawrence University in Appleton, Wis., where she majored in social sciences, получил a Spanish major, she studied in Mexico for a semester and did an exchange program in Italy the same year following her graduation in 1979.

Upon her return to the United States, she began applying to master of social work programs and was accepted at Washington University. She was offered an internship in the International Office, working on programs for international students and study abroad.

Needling to complete her professional work, Steiner-Lang left WUSTL in 1981 for a job at a county hospital in Turlock, Calif., where she was employed as a medical social worker.

But after attending a conference of the Association of International Educators, her passion for international students re-emerged. Through a recruiter at the conference, Steiner-Lang was able to land a job in the international office of the University of the Southwestern Louisiana, now the University of Louisiana at Lafayette.

“I worked there for four years and really enjoyed it,” she says. “Culturally, it was fascinating, and I learned a lot.”

Growing tired of the intensively hot and humid summers, Steiner-Lang left in March 1986 for the relatively cool St. Louis and another job in the International Office as student advisor. A few months later, she was asked to be director. She has been ever since.

Organizer and adviser

Steiner-Lang says the biggest part of her job is the hiring and supervision of staff. The Office of International Students and Scholars, located in Six International House, employs nearly 15 staff members. There is also a satellite office at the School of Medicine.

The international office acts as a liaison between U.S. government agencies concerning visas and immigration matters for all international students and scholars at the University. The office advises departments on the various visa application procedures necessary to bring an international scholar to the University.

After students arrive in the United States, the office assists them and accompanying family members with settling in, employment permission, validating their arrival with immigration, maintaining their visa status and many other items.

The office also organizes the Speak English With Us, Host Family and Be Our Guest programs, meant to help acclimate international students and scholars to life in and culture in the United States.

In addition to those duties, Steiner-Lang serves as an academic advisor in Arts & Sciences, which has helped her job performance.

“I feel like advising allows me to step into their shoes and to see them in a different way.”

Steiner-Lang says a lot of what she discusses in international student orientation each year is molded by what she hear from my advisers, some of whom are American students.

Steiner-Lang says her job has changed dramatically over the years.

“When I started here in 1986, we had a dummy terminal in a back office that we could use to look up students,” she says. “There were no easily accessible databases or other technology.”

Now all international students are tracked through a government program called the Student and Exchange Visitor Information System, now under the U.S. Department of Homeland Security.

Though governmental tracking of international students began after the Iran hostage crisis in 1979-81, efforts resumed in 1990 and taking advantage of the 1993 car-bombing incident at the World Trade Center in New York City. An effective system for governmental tracking of students was quickly pushed through following Sept. 11, 2001, and SEVIS was born.

Steiner-Lang and her staff spend much of their time making sure student information is correct and updated as well as keeping up with ever-changing rules and regulations.

A majority of international students and scholars at the University are from Asian countries. Must come from China, India and Japan. Many are temporary residents and have no intention of staying in the United States. There are also many undergraduate students from Korea. All told, they represent more than 125 countries.

“Steiner-Lang and her staff work closely with the International Office, advising them on everything from the University's immigration policies to gaining work experience,” she says.

Organizing a majority of international student and scholar events, Steiner-Lang says her efforts are often too little too late. Though it’s a bit too early to tell how the current worldwide economic crisis will affect international enrollment, Steiner-Lang says her office is planning for the worst.

“Kathy Steiner-Lang (left), assistant vice chancellor and director of the Office for International Students and Scholars, meets with Deh-Eun Chung, a freshman biology major in Arts & Sciences. "Every day, I get to deal with so many different kinds of people," Steiner-Lang says. "In addition to the international students and scholars, there are lots of great people who work here. And our students are amazing. It's so rewarding to watch them grow from freshmen year to graduation."