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# Record



Washington University in St. Louis

April 3, 2008

record.wustl.edu



**Truman Scholar** Junior Kelley Greenman (right) is all smiles upon learning from Chancellor Mark S. Wrighton that she has just been awarded a 2008 Harry S. Truman Scholarship. Truman Scholars are selected based on academic performance, leadership and dedication to public service. Greenman, who is from Marathon, Fla., is one of 65 scholars selected from among 595 candidates nominated by 283 colleges and universities. Joy Kiefer, Ph.D. (center), assistant dean in Arts & Sciences, nominated and supported Greenman throughout the arduous application process. "I couldn't be more excited and grateful to receive this honor," said Greenman, an environmental studies in Arts & Sciences major. Her award will provide up to \$30,000 for graduate study.

## MSNBC's Chris Matthews to deliver University's Commencement address

Chris Matthews — host of "Hardball with Chris Matthews" on MSNBC and of "The Chris Matthews Show," a syndicated weekly news program produced by NBC News, and regular commentator on NBC's "Today" show — has been selected to give the 2008 Commencement address, according to Chancellor Mark S. Wrighton.

The University's 147th Commencement will begin at 8:30 a.m. May 16 in Brookings Quadrangle on the Danforth Campus.

"It is a privilege to have Chris Matthews deliver the Commencement address to our graduates this spring," Wrighton said. "Chris Matthews continues to be an important figure in the national news media with respect to the American political process. He is familiar with both Washington University and the pressing challenges that face our society today

— challenges that our new graduates will be working to overcome and address."

Matthews, the host of "Hardball" since 1997, is no stranger to the Washington University campus. He covered the 2004 presidential debates at WUSTL and was the keynote speaker for Founders Day that same year.



Matthews

A television news anchor with remarkable depth of experience, Matthews has distinguished himself as a broadcast journalist, newspaper bureau chief, presidential speechwriter and best-selling author.

Matthews worked for 15 years as a print journalist, 13 of them as Washington Bureau Chief for The San Francisco Examiner (1987-2000) and two years as a national columnist for The San Francisco Chronicle (2000-02). His column was syndicated to 200

See Matthews, Page 6

## Clinical depression raises risk of death for heart attack patients

By JIM DRYDEN

Depressed heart attack patients have a higher risk for sudden death in the months following a heart attack. Now a team led by School of Medicine researchers has found that the risk continues for many years.

"There's a two- to four-fold increase in a person's risk of dying following a heart attack if they also happen to be depressed," said Robert M. Carney, Ph.D., lead author of the study and professor of psychia-

try. "Previously we thought the impact of depression was strongest for the first three to six months following a heart attack and then gradually dropped off within a couple of years. Instead, we found that the effect lasts for at least five years."

Carney, with colleagues from Duke University Medical Center, Harvard University, Yale University, the National Heart, Lung, and Blood Institute of the National Institutes of Health (NIH) and the Mayo

See Depression, Page 6

## 19 graduate, professional programs in U.S. News' top 10

Social work, occupational therapy rise to No. 1

Nineteen WUSTL schools, academic areas and departments at the graduate and professional levels currently hold top 10 rankings in U.S. News & World Report's rankings of graduate and professional programs, which were released March 28.

The George Warren Brown School of Social Work earned a No. 1 ranking among master's of social work programs, topping its No. 2 ranking from 2004, when U.S. News last ranked social work programs.

"We are delighted that the Brown School continues to be ranked with the best schools of

social work in the nation," said Edward F. Lawlor, Ph.D., dean and the William E. Gordon Professor. "I am so grateful for the hard work of our faculty, staff and students that has helped us maintain our leading reputation in the field."

The School of Medicine ranks No. 3 among research-oriented medical schools after holding the No. 4 spot the past two years. Many individual programs at the School of Medicine are very highly ranked by U.S. News as well: The Program in Occupational Therapy is tied for the No. 1 rating, the Program in Physical

Therapy is tied for No. 2, and the Program in Audiology and Communication Sciences is No. 5.

"In the Program in Occupational Therapy, our goal is to foster excellence in teaching, research, scholarship and service, and we are proud to be recognized for those traits by U.S. News as we share the top spot in the nation," said Carolyn Baum, Ph.D., the Elias Michael Executive Director of the Program in Occupational Therapy at the School of Medicine. "It's very rewarding to receive this recognition for our talented students, faculty and staff."

"Our highly creative academic

See Rankings, Page 6

## WUSTL researcher finds evidence of earliest transport use of donkeys

By NEIL SCHOENHERR

An international group of researchers, led by Fiona Marshall, Ph.D., professor of anthropology in Arts & Sciences, has found evidence for the earliest transport use of the donkey and the early phases of donkey domestication, suggesting the process of domestication may have been slower and less linear than previously thought.

The findings are based on a study of 10 donkey skeletons from three graves dedicated to donkeys in the funerary complex of one of the first pharaohs at Abydos, Egypt. The team, led by Marshall and Stine Rosell of the University of Copenhagen, found that donkeys around 5,000 years ago were in an early phase of domestication. They looked like wild animals but displayed joint wear that showed that they were used as domestic animals.

"Genetic research has suggested African origins for the donkey," Marshall said. "But coming up with an exact time and location for domestication is difficult because signs of early domestication can be hard to see. Our findings show that traces of human management can indicate domestication before skeletal or even genetic changes."

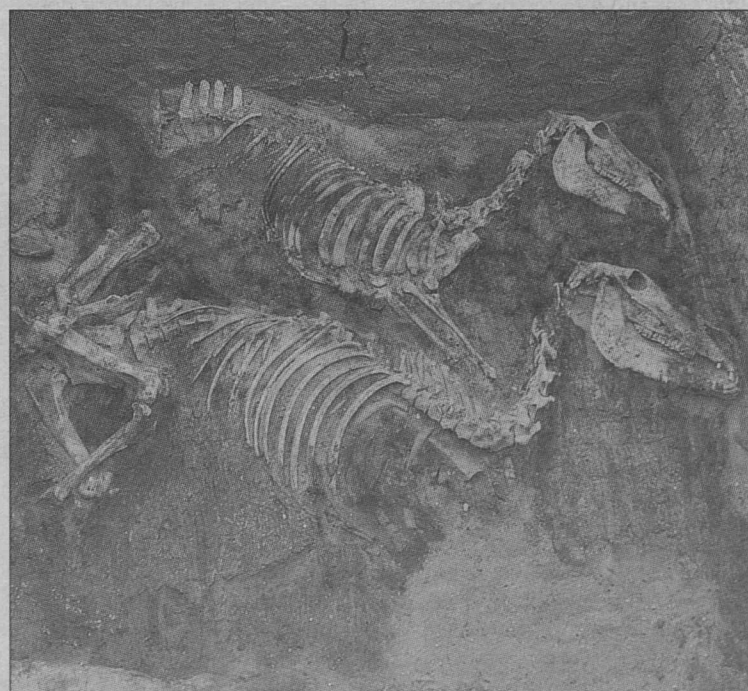
The previously unpublished research was presented in "Domestication of the Donkey: New Data on

Timing, Process and Indicators" in the March 10 online edition of the Proceedings of the National Academy of Sciences.

Domestication of the donkey from the African wild ass was a pivotal point in human history. It transformed ancient transport systems in Africa and Asia and the organization of early cities and pastoral societies.

The research team examined the 5,000-year-old Abydos skeletons along with 53 modern donkey and African wild ass skeletons. Analysis showed that the Abydos metacarpals were similar in overall proportions to those of wild ass, but individual measurements varied. Mid-shaft metacarpal breadths, or lengths, resembled those of wild ass, but mid-shaft depths and distal breadths were intermediate between those of wild ass and domestic donkey.

Despite this, all the Abydos skeletons exhibited a range of wear and other pathologies on their bones consistent with load carrying. Morphological similarities to the wild ass show that, despite their use as beasts of burden, donkeys were still undergoing considerable phenotypic change during the early dynastic period in Egypt. This pattern is consistent with recent studies of other domestic animals that suggest that the process of domestication is slower and more complicated than had been previously thought.



Researchers examined ancient donkey skeletons at Abydos, Egypt.





**All's fair in tug of war** The Sam Fox School of Design & Visual Arts hosted a student vs. faculty tug of war March 21 on the south lawn of Bixby Hall. The battle was organized by Stephen Quick (front and center), a second-year master's candidate in the Graduate School of Art, who documented it as part of a performance art piece. And for the record — the students won.

## University switches to 'green' products

As part of Washington University's initiative to enhance campus sustainability, Resource Management has partnered with WUSTL's office products contractor, Corporate Express, to encourage the University's use of "green," environmentally friendly products.

WUSTL has asked Corporate Express to automatically substitute the equivalent green, environmentally friendly item when certain items, such as paper, are requisitioned or ordered. These green paper products will contain a percentage of postconsumer (recycled) content. Other substituted items may include pens, markers and cassettes.

In many cases, the cost of the green product is less

than or equal to its non-green counterpart. The substituted product will be the functional equivalent of the non-green product.

Over the past few years, WUSTL's purchase of green products as a percentage of its total office supplies purchased from Corporate Express has increased from 15 percent to 21 percent. The University hopes this latest initiative will push that number even higher.

Product substitutions began April 1.

For more information or questions about this change, please contact Bob Weinstein, senior contract management liaison in Purchasing Services, at 935-4298 or bob\_weinstein@wustl.edu.

## Schweich to serve as Ambassador-in-Residence

BY JESSICA MARTIN

Thomas A. Schweich, J.D., the State Department's coordinator for counternarcotics and Justice Reform in Afghanistan, will join the School of Law as Ambassador-in-Residence.

Schweich also serves as the principal deputy assistant secretary (PDAS) for the Bureau of International Narcotics and Law Enforcement Affairs (INL).

As the PDAS, he helps manage an annual budget of \$2.5 billion and more than 4,000 people around the world.

INL is responsible for international drug interdiction and eradication; police, judge and prosecutor training; combating cyber-crime, money laundering and international organized crime syndicates; and negotiating of international crime conventions, among other activities.

Schweich will be the law

school's third Ambassador-in-Residence. This program, administered by the Whitney R. Harris World Law Institute, brings foreign service professionals to the law school to share their experiences and knowledge with the law school and University community. Ambassadors-in-Residence meet with students to discuss their experiences in the U.S. foreign service. Leila Sadat, J.D., the Henry H. Ober-schelp Professor of Law, directs the Harris Center.

Schweich, who graduated from Yale University and Harvard Law School, also will serve as a visiting professor. Other visiting law professors this fall include Peter Alces, J.D.; Charles Burson, J.D.; Adele Morrison, J.D.; Camille Nelson, LL.M.; Michael Siebecker, J.D.; and David Stras, J.D.

In addition to his work at the University, Schweich will be of counsel at the Bryan Cave law firm.

## GWB's International Festival opens April 10

BY JESSICA MARTIN

From traditional foods to informative presentations and lively entertainment, students in the George Warren Brown School of Social Work — home to a diverse student body with international students from more than 30 countries — will offer a taste of their homelands during the 14th annual International Festival April 10 and 13.

The theme of this year's festival, which is free and open to the public, is "Journeying Our Global Village."

The celebration kicks off at noon April 10 in the Brown Hall Lounge with a panel discussion, "Social Work in Our Global

Village: Challenges of Exporting," in which Brown School students will discuss international social work issues.

Gautam Yadama, Ph.D., director of international programs and associate professor at the Brown School, will serve as panel moderator.

The festival continues April 13, when students will offer an international food tasting and exhibition at 5:30 p.m. in the Rettner Gallery, Lab Sciences Building, Room 300.

Attendees can sample food from more than 20 countries and view exhibits about the students' homelands. Afterward, students will present dance, music, song and poetry from around the world.

For more information, e-mail [intfestival@gwbmail.wustl.edu](mailto:intfestival@gwbmail.wustl.edu).

## Mellon Foundation to help endow interdisciplinary fellowships

BY JESSICA DAUES

Washington University has received a \$1 million grant from The Andrew W. Mellon Foundation to endow the "Modeling Interdisciplinary Inquiry" postdoctoral program in Arts & Sciences, announced Chancellor Mark S. Wrighton. The \$1 million matching grant was awarded shortly after the University fulfilled its own \$2 million commitment to endow the program this fall, more than one year ahead of schedule.

"Modeling Interdisciplinary Inquiry" began in 2000 with support from The Mellon Foundation, and, thanks to its matching grant, the program will now enjoy a permanent place in the University's teaching and research mission.

The program — now in its ninth year and directed by Steven Zwicker, Ph.D., the Stanley Elkin Professor in the Humanities and professor of English, both in Arts & Sciences — ensures a steady flow of outstanding young academics to the University with an unusual range of original and provocative scholarship that seeks to bridge knowledge among humanities disciplines and between the humanities and the social sciences.

"The success of the fellowship program is a testament both to the quality and merit of Washington University's strong program supporting interdisciplinary studies," Wrighton said. "Thanks to the generous endowment provided by The Mellon Foundation, the University will be able to provide opportunities for Mellon fellows for years to come."

"Modeling Interdisciplinary Inquiry" helps foster the develop-

ment of both interdisciplinary scholarship and teaching. It funds at least two postdoctoral fellows in Arts & Sciences each year with fellowships that span four semesters, three of which are spent in residence at the University participating in teaching and research while one semester is devoted solely to research. A senior faculty member serves as a mentor for the fellows' teaching and research endeavors.

The fellowships help scholars in the humanities and social sciences focus on research while also fulfilling teaching duties — facilitating their development as teachers and scholars from their graduate education to their first tenure-track appointments.

While most scholars in the sciences spend time in a postdoctoral program — which offer training to scholars in the first stages of their teaching and research careers — after receiving their doctorates, such fellowships have traditionally not been as prevalent in the humanities and social sciences. This makes the existence of the "Modeling Interdisciplinary Inquiry" program all the more valuable.

"The Mellon 'Modeling Interdisciplinary Inquiry' grant makes a significant contribution to our University and the intellectual growth of outstanding young scholars," said Edward S. Macias, Ph.D., executive vice chancellor, dean of Arts & Sciences and the Barbara and David Thomas Distinguished Professor in Arts & Sciences.

"I am especially grateful for the leadership professor Steven Zwicker has brought to this project," Macias said. "His capable stewardship of the initial grant from the foundation led to their suggesting he submit a proposal for an endowment. Without pro-

fessor Zwicker, this valuable program would not exist."

The program promotes interdisciplinary research within the humanities and social sciences, and even in areas traditionally thought of as outside of such disciplines, such as medicine, science, business and law.

The interdisciplinary focus of the program is exemplified by its steering committee, which is made up of faculty from across the humanities and the social sciences.

"This kind of collegial collaboration — collaboration that already exists and is so productive in the sciences — becomes an important addition to the traditional model of the single and often isolated scholar," Zwicker said.

"The faculty in the humanities and social sciences see this postdoctoral program as an important initiative and an exciting opportunity both for the University and for new scholars trained in and wishing to advance the conversation, the collegiality and the modes of inquiry within and across disciplines," Zwicker said. "Such advancement has become essential to the growth of the University and the intellectual development of its faculty and students."

One of the University's current postdoctoral fellows, Deborah I. Levine, Ph.D., whose research focuses on the evolution of medicine and understandings of nutrition before and after the turn of the 20th century, credits the interdisciplinary focus of "Modeling Interdisciplinary Inquiry" for allowing her the flexibility to incorporate the study of history, technology and medicine into her research.

"The program gives scholars freedom they would not otherwise have," Levine said.

The Andrew W. Mellon postdoctoral fellows for the 2007-08 school year are Levine, Mayanthi L. Fernando, Ph.D., and Matthew Gill, Ph.D.

Fernando earned a doctorate in anthropology from the University of Chicago in 2006. Fernando's research centers on Islam, secularism and the politics of difference in France. She is teaching a class titled "The Politics of Secularism."

Gill earned a doctorate in sociology in 2006 from the London School of Economics and Political Science, and his research revolves around the ethics and process that drive accountants to make particular professional decisions. Gill is teaching a senior class seminar titled "Economic Life in Modern Social and Cultural Theory."

Levine completed a doctorate in the history of science at Harvard University in 2007 and is teaching a class titled "From Leeches to Lasers: Medicine and Health in the United States."

Many past Mellon fellows have moved on to positions at esteemed institutions of higher education, such as Richard C. Keller, Ph.D., (2000-01) an assistant professor of medical history and bioethics at the University of Wis-

consin-Madison; Nicholas S. Sammond, Ph.D., (2000-03) an assistant professor of cinema studies at the University of Toronto; David Ciepley, Ph.D., (2002-04) a lecturer in political philosophy, policy and law at the University of Virginia; Sloane Mahone, D.Phil., (2002-04) a lecturer in the history of medicine at the Wellcome Institute and Oxford University; and Dana E. Katz, Ph.D., (2003-05) a visiting assistant professor in art history and the humanities at Reed College.

The Andrew W. Mellon Foundation supports a wide range of initiatives to strengthen selective private research universities in the United States, with particular emphasis on the humanities and the "humanistic" social sciences.

Its philosophy is to build, strengthen and sustain such institutions and their core capacities. With approximately \$6 billion in assets, it currently makes grants available in five core program areas: higher education, museums and art conservation, performing arts, conservation and the environment, and public affairs.

For more information about the "Modeling Interdisciplinary Inquiry" program, please visit [artsci.wustl.edu/~szwicker/mellonpostdoc](http://artsci.wustl.edu/~szwicker/mellonpostdoc).

## Volunteers sought for October debate

WUSTL community members wishing to volunteer to help support the vice presidential debate at the University Oct. 2 can apply beginning April 14.

Possible responsibilities for volunteers range from providing administrative support to assisting with tickets and credentials to helping national news media.

All WUSTL full-time and

part-time students, postdoctoral scholars, faculty and staff are eligible to apply.

Undergraduate students can apply using eRecruiting, the Career Center's online job and internship database.

All others can apply at [debate.wustl.edu](http://debate.wustl.edu) starting April 14. Requests may also be e-mailed to [marchal@wustl.edu](mailto:marchal@wustl.edu).



## School of Medicine Update

# School of Medicine to lead pediatric lung transplant research

By BETH MILLER

The School of Medicine has received a five-year, \$3.9 million grant to lead an international research effort designed to improve outcomes for children undergoing lung transplants.

A lung transplant is often the only treatment option for children with severe lung disease such as cystic fibrosis, pulmonary vascular disease, genetic or inherited lung problems or birth defects. However, lung transplant patients are subject to more frequent infections, organ rejection and other complications than patients with other transplanted organs. Despite tremendous improvements in surgical techniques and infection control, there has been no improvement in long-term outcome or survival for these patients in the last decade. The one-year survival rate for pediatric lung transplantation is about 80 percent, and for those who survive the first year after transplantation, the survival rate after five years is about 50 percent. Those survival rates are much lower than similar rates for pediatric heart, liver and kidney transplants.

The grant, from the National Institute of Allergy and Infectious Diseases, provides funding for the School of Medicine to play a major role in the Clinical Trials in Organ Transplantation in Children consortium.

The School of Medicine and St. Louis Children's Hospital will lead the Pediatric Lung Transplant Research Network, which consists of six pediatric lung transplant programs. It is the first pediatric lung transplant research network ever established by the National Institutes of Health. The six centers will work cooperatively with investigators in pediatric kidney and heart transplantation to carry out immunologic clinical



Sweet



Canter

research that will lead to improved outcomes for children undergoing organ transplants.

The pediatric lung network will study respiratory viral infections that often strike these patients after transplant using state-of-the-art techniques to identify the viruses and to study the underlying immune mechanism in the lungs that would contribute to these complications, said Stuart C. Sweet, M.D., Ph.D., associate professor of pediatrics, medical director of the School of Medicine's pediatric lung transplant program and principal investigator of the lung transplant network.

"Our hypothesis is that respiratory viral infections in pediatric lung transplant recipients play a significant role in the development of long-term complications due to interaction with the immune system," Sweet said. "Pinpointing these viruses and immune responses will allow us to design new ways to predict a patient's risk of infection and to improve the outcomes of children who have lung transplants."

Established in 1990, the pediatric lung transplant program at the School of Medicine and St. Louis Children's Hospital was the first pediatric lung transplant program in the United States. To date, it has performed the most pediatric lung transplants worldwide, or more than 300 since 1991.

"We are ecstatic to be a part of

this program," Sweet said. "Especially in pediatric lung transplants, the improvement in outcomes has lagged behind outcomes of other solid organ transplants, so we're looking at ways to catch up. We expect the results of this research to have a significant beneficial effect on the health of children who receive lung transplants."

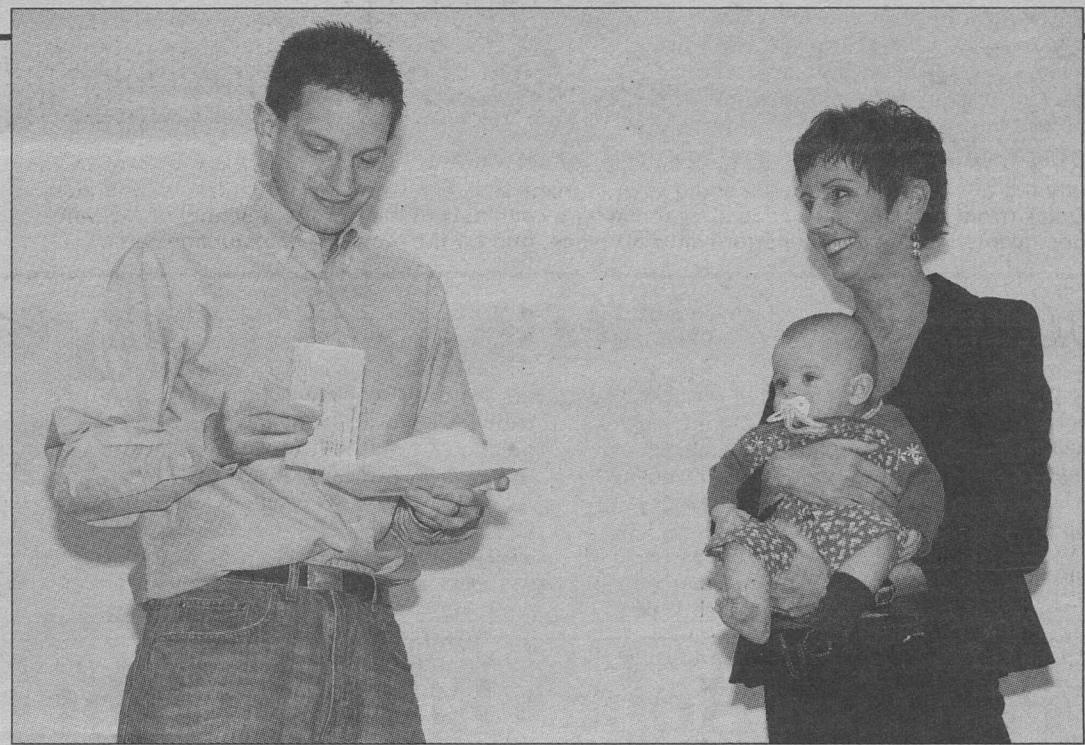
The other pediatric lung transplant programs in the consortium include Ohio State University School of Medicine/Columbus Children's Hospital; Baylor College of Medicine/Texas Children's Hospital; The University of Pennsylvania School of Medicine/The Children's Hospital of Philadel-

phia; Great Ormond Street Hospital for Children in London; and Stanford University School of Medicine/Lucile Packard Children's Hospital. In addition, there will be five immunology, histology and virology laboratories at WUSTL, Mount Sinai Medical Center and Cleveland Clinic/Lerner College of Medicine at Case Western Reserve University in the network.

"This broad collaboration of investigators and researchers at these world-class institutions is the perfect combination of expertise, dedication and leadership to improve outcomes for pediatric lung transplant patients,"

said Alan L. Schwartz, Ph.D., M.D., the Harriet B. Spoeher Professor and head of the Department of Pediatrics. "The results of these studies will lead to the design of innovative viral detection and immune monitoring plans that can help predict a child's risk of adverse outcomes and improve their outlook."

The School of Medicine and St. Louis Children's Hospital will also be part of the six-site Pediatric Heart Transplant Network included in the consortium. Charles Canter, M.D., professor of pediatrics at the School of Medicine, serves as the principal investigator of the School of Medicine site.



**Meet your match** Ian Hagemann, a graduating M.D./Ph.D. student in the Medical Scientist Training Program, learns he will be doing his residency in pathology at the Hospital of the University of Pennsylvania in Philadelphia at Match Day March 20 in Moore Auditorium, while Kathryn M. Diemer, M.D., assistant professor of medicine and assistant dean for career counseling, holds Hagemann's daughter, Sophie. Out of the 114 School of Medicine students who matched, 31 matched at Barnes-Jewish or St. Louis Children's hospitals.

# Patient-oriented research gets boost from first cycle of grants

By GWEN ERICSON

The recently established Institute of Clinical and Translational Sciences (ICTS) has awarded its first set of grants to ICTS investigators. Fifteen projects from a wide range of fields received a total of more than \$800,000 from a combination of Clinical and Translational Science Awards (CTSA) grant and institutional funds.

The ICTS was established in 2007 under a five-year, \$50 million grant from the National Institutes of Health. Kenneth S. Polonsky, M.D., the Adolphus Busch Professor and head of the Milliken Department of Medicine, directs the institute.

The goal of the ICTS is to provide infrastructure, resources and services to facilitate outstanding clinical and translational research. The University's BioMed 21 strategic initiative in multidisciplinary collaborative research served as a foundation for the formation of the ICTS.

The 15 new grants were part of the ICTS Pilot and Novel Methodologies Program, which encourages innovative and collaborative research and planning projects. More information about the institute and the pilot awards can be found at [icts.wustl.edu/funding](http://icts.wustl.edu/funding).

Principal investigators and collaborators represent a variety of departments in the schools of medicine, of engineering and of business.

Some of the projects funded will evaluate new treatments for disorders such as cancer, hearing

## Grant recipients

### • Development of a collaborative team for the prevention of hip osteoarthritis

John C. Clohisy, M.D., associate professor of orthopaedic surgery

### • Isolation, expansion and activation of human natural killer cells for adoptive immunotherapy of cancer

Todd A. Fehniger, M.D., Ph.D., postdoctoral fellow in the Division of Oncology

### • Time course of auditory cortex reorganization following sudden unilateral deafness

Jill B. Firszt, Ph.D., associate professor of otolaryngology

### • Formation of a "Women's Health Specimen Consortium"

Ann M. Gronowski, Ph.D., associate professor of pathology and immunology

### • Collaborative group for nectrotizing enterocolitis

Aaron Hamvas, M.D., the James P. Keating, M.D., Professor of Pediatrics

### • Program planning for prevention research in community health centers

Aimee S. James, Ph.D., assistant professor of surgery

### • Interdisciplinary program development in sickle cell pain research

Evan D. Kharasch, M.D., Ph.D., the Russell & Mary Shelden Professor of Anesthesiology

### • Protocol development for comparative urine proteomic studies in humans

loss, peripheral artery disease or childhood obesity. Others are devoted to finding more accurate ways to diagnose diseases such as multiple sclerosis or bladder inflammation. Several projects set the stage for better patient care, for example, by tracking and analyzing what factors contribute to osteoporosis or to complications after spine surgery, or by testing a

wireless network that monitors and transmits patients' vital signs to a central system.

An ICTS committee that included 65 reviewers from WUSTL and partner institutions reviewed more than 100 applications.

Committee chair Robert W. Thompson, M.D., professor of surgery, of radiology and of cell biology and physiology, said the

Henry Lai, M.D., assistant professor of surgery

### • Pilot study of stem cell mobilization by G-CSF to treat severe peripheral artery disease

Daniel C. Link, M.D., associate professor of medicine in the Division of Oncology

### • Wireless sensor network technology for clinical monitoring

Chenyang Lu, Ph.D., assistant professor in computer science and engineering

### • Exploration of the host immune response in community-acquired methicillin resistant staphylococcus aureus disease

Stephanie A. Lutter, M.D., clinical trainee in pediatrics infectious disease

### • Risk factors for complications after spine surgery in the elderly

Margaret A. Olsen, Ph.D., research assistant professor of medicine in the Division of Infectious Diseases

### • Effects of gene-environment interactions on bone mass density in rheumatoid arthritis

Prabha Ranganathan, M.D., assistant professor of medicine in the Division of Rheumatology

### • A randomized controlled trial for parents of young overweight children

Denise E. Wilfley, Ph.D., professor of psychiatry

### • Gradient echo plural contrast imaging — novel MRI technique for evaluating multiple sclerosis

Dmitriy A. Yablonskiy, Ph.D., professor of radiology

reviewers were looking for scientifically strong proposals that broke new ground by giving a new or junior-level researcher his or her first research grant or by enabling established researchers to go in a new direction or build new research connections.

"We also looked for projects that involved two or more investigators from different fields work-

ing together in a multidisciplinary group with an emphasis on clinically-based research with the greatest potential to transform patient care," Thompson said.

Daniel C. Link, M.D., associate professor of medicine in the Division of Oncology and of pathology and immunology, is principal investigator of one of the grants awarded in this round of competition. With Eric Choi, M.D., assistant professor of surgery and of radiology, Link will test whether patients with severe peripheral artery disease — a disease caused by blockage of blood vessels, especially in the legs — will benefit from receiving a drug that stimulates blood vessel growth.

"We're very excited about the potential of this research to help a group of patients who really have no other good treatment options," Link said. "This collaboration between vascular surgery and basic bone marrow research has led to a project that can have immediate benefit to patients."

The ICTS expects to put out an annual call for proposals under the Pilot and Novel Methodologies Program. Current awards range from \$25,000 to \$80,000 per year for a period of one to two years.

The ICTS is a collaboration among several regional institutions including WUSTL, BJC HealthCare, Saint Louis University, the University of Missouri-St. Louis College of Nursing, Southern Illinois University Edwardsville School of Nursing, St. Louis College of Pharmacy and others.



# University Events

## Eliot Trio to perform piano works by Lalo, Schubert

BY LIAM OTTEN

The Eliot Trio will perform a pair of piano trios by Edouard Lalo (1823-1892) and Franz Schubert (1797-1828) at 8 p.m. Thursday, April 10, in the 560 Music Center's E. Desmond Lee Concert Hall.

The Eliot Trio consists of Seth Carlin, professor of music and director of the piano program in the Department of Music in Arts & Sciences; violinist David Halen, concertmaster for the Saint Louis Symphony Orchestra; and cellist Bjorn Ranheim, also with the Saint Louis Symphony Orchestra.

The group, established by Carlin in the early 1990s, is named for Washington University founder William Greenleaf Eliot and is dedicated to performing masterworks of the piano trio literature. It typically presents one concert each year.

The April 10 program will feature Schubert's much-loved Trio No. 2 in E-flat major, Op. 100. One of his final works, this four-movement composition was written for the wedding of a friend in 1827 — just a year before Schubert's death — and gives full voice to the composer's melodic gifts.

Also on the program is Lalo's Trio for Piano and Strings No. 3 in A minor, Op. 26, written in 1880. Though he was one of the first French composers to write piano trios — composing two between 1850-52 — Lalo is best known today for his "Symphonie Espagnole" (1874) and for the opera "Le Roi d'Ys" (1888).

"Whereas the Schubert is one of the beloved works of the repertoire, the Lalo is something of a rarity," Carlin said. "I consider it a minor masterpiece, which deserves much wider performance."

Carlin has performed with orchestras around the world and with conductors such as Nicholas McGegan, Leonard Slatkin and Roger Norrington. He has appeared in recital at major international

festivals and with Pinchas Zukerman, Anner Bylsma and Malcolm Bilson, among others. In 1991-92, Carlin performed the complete Schubert fortepiano sonatas in New York City — concerts that were broadcast nationally on National Public Radio. More recently he appeared as soloist with the Saint Louis Symphony Orchestra in Beethoven's "Triple" Concerto as well as with San Francisco's Philharmonia Baroque, the period-instrument orchestra.

Halen has been with the Saint Louis Symphony Orchestra since 1991 and was appointed concertmaster in 1995. He frequently appears as a soloist, both with the symphony orchestra and in performance around the country, and he often teams with Carlin for local chamber concerts.

As co-founder and artistic director of the Innsbrook Institute at Innsbrook, Mo., Halen also coordinates a weeklong summer festival of chamber music performance and training for aspiring artists. He plays a Giovanni Battista Guadagnini violin made in Milan in 1763.

Ranheim, who joined the Saint Louis Symphony Orchestra in 2005, previously served as associate principal cello of the Fort Worth Symphony and has performed and toured with the orchestras of Atlanta, Cleveland, Detroit and Baltimore.

He also has served as principal and assistant principal cello with the New World Symphony, the National Repertory Orchestra, the Aspen Festival Orchestra and Quebec City's critically acclaimed Les Violons du Roy. A committed advocate of contemporary music, Ranheim has performed world-premiere works by Stephen Paulus, Paul Schoenfield and Steven Heitzig.

Tickets — free for students; \$10 for seniors, faculty and staff; and \$15 to the public — are available through the Edison Theatre Box Office, 935-6543, or at the door.



Carlin

## Glen Bowersock to give Biggs Lecture April 10

BY MARY KASTENS

Glen Bowersock, D.Phil., an internationally respected historian on Greek, Roman and Near Eastern history and culture, will give the Biggs Lecture in the Classics for the Assembly Series. The talk, "Globalization in Late Antiquity," is scheduled for 4 p.m. April 10 in Steinberg Hall Auditorium.

Bowersock is professor emeritus of ancient history at the Institute for Advanced Studies (IAS) in Princeton, N.J. He served as professor of ancient history at IAS from 1980-2006. He came to IAS after a distinguished career at Harvard University (1962-1980), where he served as chairman of the classics department and associate dean of the faculty of Arts & Sciences.

His research interests include the Greek East in the Roman Empire and Late Antiquity, as well as pre-Islamic Arabia.

He earned a bachelor's degree from Harvard University in 1957. After earning bachelor's and master's degrees from Oxford University, he earned a doctorate from Oxford in 1962 as a Rhodes Scholar.

He has written or edited more than a dozen books and published

nearly 300 articles. His books include "Greek Sophists in the Roman Empire" (1969), "Julian the Apostate" (1978), "Roman Arabia" (1983), "Fiction as History" (1994) and "Martyrdom and Rome" (2002). He co-edited "Late Antiquity: A Guide to the Postclassical World," published in 1999 to wide critical acclaim.

He has received numerous awards recognizing his scholarship. In 2004, he was named a Chevalier,



Bowersock

or Knight, of the Legion d'Honneur (Legion of Honor), France's highest civilian honor. In 1992, he received the James H. Breasted Prize from the American Historical Association for his book "Hellenism in Late Antiquity" (1990).

He is a member of the American Philosophical Society, the American Academy of Arts and Sciences, the Institut de France and the Russian Academy of Sciences.

As the Biggs Resident in the Classics, he will spend a week interacting with students and faculty. The Biggs Residency is the gift of John and Penelope Biggs, alumni of Washington University.

The event is free and open to the public. For more information, call 935-4620 or visit assemblyseries.wustl.edu.

## Faces of Hope • Ethics Night • Growth of the Small

"University Events" lists a portion of the activities taking place April 3-16 at Washington University. Visit the Web for expanded calendars for the Danforth Campus (webevent.wustl.edu) and the School of Medicine (medschool.wustl.edu/calendars.html).

### Exhibits

"Miniature Books: Four Thousand Years of Tiny Treasures." Through June 6. Olin Library. 935-5418.

"Thaddeus Strobe: Absolutes and Nothings." Through April 21. Kemper Art Museum. 935-4523.

"On the Margins." Through April 21. Kemper Art Museum. 935-4523.

"Senior Printmaking/Drawing Exhibition." April 4. (6 p.m. Opening Reception.) Des Lee Gallery, 1627 Washington Ave. 935-9347.

"Currents 102: Sarah Oppenheimer Talk & Exhibition Preview." April 10. (7 p.m. Talk.) Saint Louis Art Museum, 1 Fine Arts Drive. 721-0072.

"Senior Digital Imaging & Photography Exhibition." April 11. (6 p.m. Opening Reception.) Des Lee Gallery, 1627 Washington Ave. 935-9347.

### Film

#### Friday, April 4

8 p.m. Italian Film Festival. "Ma Che Colpa Abbiamo Noi." (It's Not Our Fault.) Brown Hall, Rm. 100. 422-3102.

#### Saturday, April 5

8 p.m. Italian Film Festival. "Anche Libero Va Bene." (Along the Ridge.) Brown Hall, Rm. 100. 422-3102.

#### Monday, April 7

7 p.m. Jewish, Islamic and Near Eastern Middle East Film Series. "West Beirut." Wilson Hall, Rm. 214. 935-8567

#### Friday, April 11

8 p.m. Italian Film Festival. "La Cena Per Farli Conoscere." (A Dinner For Them to Meet.) Brown Hall, Rm. 100. 422-3102.

#### Saturday, April 12

8 p.m. Italian Film Festival. "Quando Sei Nato Non Puoi Più Nasconderti." (Once

You Are Born.) Brown Hall, Rm. 100. 422-3102.

### Lectures

#### Thursday, April 3

Noon. Genetics Seminar. "Genomic Analysis of Skin Microbiome: Gene-Environment Interactions at the Skin Surface." Julie Segre, National Human Genome Research Inst., NIH. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

4 p.m. Assembly Series. Consuming News: Newspapers and Print Culture in Early Modern Europe Conference Lecture. "An Afternoon with Calvin Trillin." Calvin Trillin, author. Steinberg Aud. 935-5285.

4 p.m. Chemistry Seminar. "Better Catalysts for Better Pharmaceuticals — Novel Catalytically Active Ruthenium and Iron Complexes." Eike Bauer, asst. prof. of chemistry, U. of Mo.-St. Louis. McMillen Lab., Rm. 311. 935-6530.

4-9:30 p.m. Germanic Languages and Literatures Symposium. "Transfer Effects: Appropriations of German Culture in Nineteenth-Century America." (Continues 8:15 a.m.-9 p.m. April 4, Brookings Hall, Rm. 300, and 9:30 a.m.-10 p.m. April 5, Wilson Hall, Rm. 214.) Steinberg Aud. To register: 935-5106.

4 p.m. History Colloquium. "Canterbury Tales, Rashomon and the Telling of History: Official Corruption in the Late Ottoman Empire." Donald Quataert, prof. of history, State U. of New York at Binghamton. (Reception follows.) Co-sponsored by Jewish, Islamic and Near Eastern Studies. Duncker Hall, Rm. 201, Hurst Lounge. 935-5450.

4 p.m. Vision Science Seminar Series. "Development of the Mouse Eye: Induction, Morphogenesis and Anti-Angiogenesis." Richard Lang, prof. of ophthalmology, U. of Cincinnati College of Medicine. Maternity Bldg., Rm. 725. 362-3315.

4:15 p.m. Earth & Planetary Sciences Colloquium. Stephen Zaitman Memorial Lecture. "Volatiles and Melting in the Mantle." David Bercovici, prof. of geology & geophysics, Yale U. Earth & Planetary Sciences Bldg., Rm. 203. 935-5610.

6 p.m. Architecture Lecture Series. Robert McCarter, prof. of architecture. Saint Louis Art Museum, 1 Fine Arts Drive. 935-9300.

7 p.m. School of Medicine Mini-Medical School II. Cost: \$125. (Continues weekly through May 15.) Eric P. Newman Education Center. To register: 362-6585.

8 p.m. The Writing Program Spring Reading Series. Brian Henry and Tomaz Salamun, authors, read from their poetry. Duncker Hall, Rm. 201, Hurst Lounge. 935-7130.

#### Friday, April 4

8:30 a.m. Center for Research on Innovation & Entrepreneurship Colloquium. "Open-Source and Proprietary Models of Innovation: Beyond Ideology." (Continues 8:30 a.m.-2 p.m. April 5.) Anheuser-Busch Hall, Rm. 310. To register: 935-9490.

11 a.m. Computer Science & Engineering Colloquium. "CRISTA: An Integrated Adaptive Technique for Voltage-Overscaling and Error Resiliency." Swaroop Ghosh, grad. research asst. in electrical & computer engineering, Purdue U. Cupples II Hall, Rm. 217. 935-6160.

11 a.m. Midwest Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research Guest Lecture. "Rational Vaccine Design and Emerging Infections: AIDS and Influenza." Gary J. Nabel, dir., Vaccine Research Center, NIH. (Refreshments served.) Farrell Learning & Teaching Center, Holden Case Study Rm. 286-0432.

Noon. Cell Biology & Physiology Seminar. "Dynamic Real-Time Analysis of Signaling Pathways in Live Cells and Animals With Bioluminescence Imaging." David R. Pliwnica-Worms, prof. of radiology. McDonnell Medical Sciences Bldg., Rm. 426. 362-6630.

1 p.m. American Indian Awareness Week Lecture. "Strong Hearts: Native Service and Leadership." Tom Holm, prof. of American Indian Studies, U. of Ariz. Brown Hall Lounge. 935-6288.

2 p.m. Imaging Sciences Pathway Seminar. "Shape Distributions for Histologic Grade Estimation." David Breen, asst. prof. of computer science, Drexel U. Whitaker Hall, Rm. 218. 362-6946.

2:30-7 p.m. Gynecologic Oncology CME Course. "Sixth Annual Gynecologic Cancer Conference." Cost: \$75. Eric P. Newman Education Center. To register: 362-6891.

3 p.m. Jewish, Islamic and Near Eastern Studies Colloquium. "Sufism: The Formative Period." Ahmet T. Karamustafa, prof. of history. Eads Hall, Rm. 216. 935-8567.

4 p.m. Dept. of Music Graduate Symposium. Matthew Kickasola, graduate teaching asst. and Matthew Pace, graduate teaching asst. Music Classroom Bldg., Rm. 102. 935-4841.

#### Monday, April 7

9 a.m.-4:30 p.m. Center for the Application of Information Technology Workshop. "Leading Change Across IT and the Enterprise." (Continues 9 a.m.-4:30 p.m. April 8.) Cost: \$1,250, reduced fees available for CAIT member organizations. CAIT, 5 N. Jackson Ave. 935-4444.

11 a.m. Computer Science & Engineering Colloquium. "Realizing Software Defined Radio." Yuan Lin, grad. research asst. in electrical engineering & computer science, U. of Mich. Whitaker Hall, Rm. 218. 935-6160.

4 p.m. Physics Seminar. "Simulations of Clathrate Hydrate Structure and Dynamics with Applications to Hydrogen Storage and Carbon Dioxide Sequestration." Saman Alavi, U. of Ottawa. (3:45 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

#### Tuesday, April 8

Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series. "Origins and Functions of Legionella Effectors." Howard Shuman, prof. of microbiology, Columbia U. Cori Aud., 4565 McKinley Ave. 362-3692.

2:45 p.m.-7:30 p.m. Center for the Application of Information Technology Executive & Management Forum. "Aligning IT and Business." Steven Romero, IT Governance Evangelist. Dennis & Judith Jones Visitor and Education Center, Forest Park. 935-4444.

7 p.m. School of Medicine Mini-Medical School I. Cost: \$125. (Continues weekly through May 13.) Eric P. Newman Education Center. To register: 362-6585.

#### Wednesday, April 9

Noon. Center for the Study of Ethics & Human Values Lecture. "The Ethics of Performance Enhancement in Sport." Thomas Murray, pres., The Hastings Center, New York. Co-sponsored by Student Health Law Assoc. (Reception follows.) Anheuser-Busch Hall. 935-9358.

4 p.m. Biochemistry & Molecular Biophysics Seminar. "Protein Unfolding in the Cell." Andreas Matouschek, prof. of biochemistry, molecular biology and cell biology, Northwestern U. McDonnell Medical Sciences Bldg., Rm. 264. 362-4152.

4 p.m. Cell Biology & Physiology Lecture. Annual Erlanger-Gasser Lecture. "Telomerase and the Consequences of Telomere Dysfunction." Carol W. Greider, prof. & dir. of molecular biology and genetics, Johns Hopkins School of Medicine. Farrell Learning & Teaching Center, Connor Aud. 362-3964.

6 p.m. Kemper Art Museum Gallery Talk. "Portrait of Geraldine Lee, No. 1 (1914)." Spotlight Series on George Bellows. Kemper Art Museum. 935-4523.

8 p.m. Romance Languages & Literatures Lecture. Annual Rolando Lara Memorial Lecture. "Theorizing the New World Baroque." Lois Parkinson Zamora, prof. of English, U. of Houston. Women's Building Formal Lounge. 935-5175.

#### Thursday, April 10

Noon. Developmental Biology Lecture. Annual Oliver H. Lowry Lecture. "Hedgehog Signaling in Development and Disease." Philip Beachy, prof. of developmental biology, Stanford U. School of Medicine. Cori Aud., 4565 McKinley Ave. 362-0198.

4 p.m. Assembly Series. Biggs Lecture in the Classics. "Globalization in Late Antiquity." Glen Bowersock, author. Steinberg Aud. 935-5285.

4 p.m. Chemistry Seminar. "Activation of Organic and Organosilicon Compounds by New Low Valent Ruthenium Complexes." Donald Berry, prof. of chemistry, U. of Pa. McMillen Lab., Rm. 311. 935-6530.

4 p.m. Vision Science Seminar Series. "Seeing the Light — A Novel Cone-Specific Mechanism for Chromophore Recycling." Vladimir Kefalov, asst. prof. of ophthalmology & visual sciences. Maternity Bldg., Rm. 725. 362-3315.

4:15 p.m. University Libraries Lecture. "The Growth of the Small." Joe Loewenstein, prof. of English. Olin Library, Lvl. 1, Ginkgo Rm. 935-5495.

#### Friday, April 11

11 a.m. Computer Science & Engineering Colloquium. "Power Optimization and Other Key Challenges in FPGA Research." Jason H. Anderson, adjunct prof. in electrical & computer engineering, U. of Toronto. Cupples II Hall, Rm. 217. 935-6160.

11 a.m. Electrical & Systems Engineering Seminar. "Distributed Processing in Sensor Networks." José M. F. Moura, prof. of electrical & computer engineering, Carnegie Mellon U. Bryan Hall, Rm. 305. 935-5565.

#### Saturday, April 12

8 a.m.-1 p.m. Infectious Diseases CME Course. "Highlights From the 15th Conference on Retroviruses and Opportunistic Infections." Cost: \$65 for AMA CME, \$50 for Nursing CME. Co-sponsored by AIDS Clinical Trials Unity. Eric P. Newman Education Center. To register: 454-8275.





**Shake, rattle and roll** Engineering students (from left) Alisa Ma, Eriane (E.J.) Adams, Sherrie Fowler (standing), Josh Kuperman and team captain Jonathan Bingham work on the model they built in the WUSTL earthquake engineering lab prior to competing at a seismic design competition in New Orleans. The competition was sponsored by the Earthquake Engineering Research Institute the week of Feb. 4. The WUSTL group was the only team from the Midwest participating. The structure was made to withstand simulated seismic impacts and to be cost efficient and visually pleasing. WUSTL engineers took first place for building costs, sixth for income, 14th for seismic cost and had an overall ranking of No. 8.

## Italian film festival presents six films beginning April 4

The Film and Media Studies Program in Arts & Sciences will host the 2008 Italian Film Festival of St. Louis April 4 through April 19.

The festival will feature the St. Louis premieres of six recent Italian feature films, screened on Fridays and Saturdays for three consecutive weeks. All films will be shown in 35mm format in Italian with English subtitles.

The festival is organized by the Italian Film Festival of St. Louis with support from Film and Media Studies, the Italian Cultural Institute of Chicago and the Regional Arts Commission of St. Louis.

Screenings are free and open to the public and begin at 8 p.m. in the University's Brown Hall Auditorium.

The complete schedule runs as follows:

**Friday, April 4**, "It's Not Our Fault" (2002).

Directed by Carlo Verdone.

**Saturday, April 5**, "Along the Ridge" (2005).

Directed by Kim Rossi Stuart.

**April 11**, "A Dinner for Them to Meet" (2006).

Directed by Pupi Avati.

**April 12**, "Once You Are Born" (2005). Directed

by Marco Tullio Giordana.

**April 18**, "My Brother is an Only Child" (2007).

Directed by Daniele Luchetti.

**April 19**, "Red Like the Sky" (2005). Directed by

Cristiano Bortone.

For more information, call 422-3102 or visit [italianfilmfestivalstlouis.com](http://italianfilmfestivalstlouis.com).

## Slovenian, American poets team up for reading series

Renowned Slovenian poet Tomaz Salamun will join award-winning American poet Brian Henry for a reading at 8 p.m. Thursday, April 3.

The event, sponsored by the Writing Program in Arts & Sciences as part of its spring Reading Series, is free and open to the public and takes place in Duncker Hall, Room 201, Hurst Lounge.

Born in Ljubljana, Slovenia, Salamun earned a master's degree from the University of Ljubljana in 1965. He studied at the University of Iowa in 1972 and has lived periodically in the United States ever since.

Salamun has published more than 30 books of poetry, including nine collections in English, most recently "The Book for My Brother" and "Row" (both 2006). Other volumes include "Poker" (2003), a finalist for the PEN Translation Prize, and "The Four Questions of Melancholy" (1997), nominated for the Los Angeles Times Book Prize for Poetry. His next volume, "Woods and Chalices," is forthcoming in 2008.

Jorie Graham, the Pulitzer

Prize-winning American poet, has called Salamun "one of Europe's great philosophical wonders." His numerous honors include the Preseren Prize, the highest Slovenian award for artistic achievement, as well as the Jenko Prize, a Pushcart Prize and the Mladost Prize. In 1996, he became cultural attaché to the Slovenian embassy in New York.

Henry, an associate professor of English at the University of Richmond, has published five collections of poetry, including "Astronaut" (2000), "American Incident" (2002), "Quarantine" (2006), "The Stripping Point" (2007) and "In the Unlikely Event of a Water" (2007).

Henry won the Alice Fay di Castagnola Award from the Poetry Society of America for "Quarantine." Other honors include the Poetry Society's George Bogin Memorial Award, the Carol Weinstein Poetry Prize and a Forward Prize nomination for "Astronaut."

For more information, call 935-7130 or e-mail [dschuman@wustl.edu](mailto:dschuman@wustl.edu).

## Freshman Reading Program book chosen

By NEIL SCHOENHERR

The Freshman Reading Program steering committee has announced that the Class of 2012 will be reading and studying "Field Notes From a Catastrophe: Man, Nature, and Climate Change" by Elizabeth Kolbert.

Over the summer, incoming freshmen will receive copies of the book along with a reader's guide and are expected to have completed the book before arriving on campus. During orientation, freshmen participate in faculty-led discussions, and programs are planned throughout the year based on the key topic or themes of the book.

Comprising a series of short pieces originally published in the New York Times, "Field Notes" explores the debate over global warming through accounts and observations from scientists, laypeople and the author.

"I'm excited for our incoming students to be able to discuss the ideas presented in this book," said Karen Levin Coburn, assistant vice chancellor for students, dean for freshman transition and a member of the reading program's steering committee. "We will be working with campus partners, including an advisory group led by Matt Malten, assistant vice chancellor for campus sustainability, to plan programs and symposia throughout the year addressing the issues Kolbert raises in her book."

The Freshman Reading Program began in 2003 and aims to provide a common intellectual experience for incoming students, introduce them to a spirit of debate and inquiry and provide an opportunity for increased student-faculty interaction both in and out of the classroom.

Last year's book was Alan Lightman's "Einstein's Dreams."

### Monday, April 14

**Noon. Work, Families and Public Policy Brown Bag Seminar Series.** "The Effects of Land Tilling on Household Dynamics." Sebastian Galiani, assoc. prof. of economics. Eliot Hall, Rm. 300. 935-4918.

**4 p.m. Immunology Research Seminar Series.** "T-Cell Tolerance and Autoimmunity: Principles and Surprises." Abul Abbas, prof. of pathology, U. of Calif., San Francisco. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

**4 p.m. Physics Condensed Matter/Materials and Biological Physics Seminar.** "Capture a Glimpse of Supercooled Liquid Structure and Dynamics by NMR." Yue Wu, prof. of physics & astronomy, The U. of N.C. at Chapel Hill. (3:45 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

**5:30 p.m. Cardiac Bioelectricity & Arrhythmia Center Seminar.** "Voltage Sensor Movements in KCNQ1 Channels: Structure, Function and Mechanism for LQT Syndrome." Jianmin Cui, assoc. prof. of cell biology & physiology. (5 p.m. reception.) Whitaker Hall, Rm. 218. 935-7887.

**6:30 p.m. Architecture Lecture Series.** Jose Oubriere, prof. of architecture, Ohio State U. (6 p.m. reception, Givens Hall.) Steinberg Aud. 935-9300.

**8 p.m. The Writing Program Spring Reading Series.** Claran Carson, prof. and author, reads from his poetry. Duncker Hall, Rm. 201, Hurst Lounge. 935-7130.

### Tuesday, April 15

**Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "Adventures in Microbial Genomics." George Weinstock, prof. of genetics. Cori Aud., 4565 McKinley Ave. 362-8873.

**4 p.m. Assembly Series.** Women's Society Adele Starbird Lecture. Alvin Poussaint, psychiatrist & author. Graham Chapel. 935-5285.

### Wednesday, April 16

**8 a.m.-5 p.m. St. Louis STD/HIV Prevention Center CME Course.** "STD Update." (Continues 8 a.m.-5 p.m. April 17.) Cost: \$75. For location and to register: 747-1522.

**11 a.m. Assembly Series.** Women's Society Adele Starbird Lecture. Helen Fisher, author. Graham Chapel. 935-5285.

**4 p.m. Biochemistry & Molecular Biophysics Seminar.** "The Eukaryotic Replisome: Genomic Copyist and

Caretaker Extraordinaire." Johannes Walter, assoc. prof. of biology, chemistry & molecular pharmacology, Harvard U. McDonnell Medical Sciences Bldg., Rm. 264. 362-4152.

**6:30 p.m. Center for the Study of Ethics & Human Values Lecture.** "Ethics Night — Physicians and Pharmaceutical Industry." (Refreshments provided.) Cori Aud., 4565 McKinley Ave. 935-9358.

## Music

### Thursday, April 3

**8 p.m. Jazz at Holmes.** Jerry Green, saxophone. Music of John Coltrane. Ridgely Hall, Holmes Lounge. 935-5566.

### Friday, April 4

**6 p.m. Kemper Presents Concert Series.** Psychotronics. Kemper Art Museum. 935-4523.

### Sunday, April 6

**2 p.m. Graduate Voice Recital.** Diana Coss. Graham Chapel. 935-4841.

### Thursday, April 10

**8 p.m. Concert.** Eliot Trio. E. Desmond Lee. Concert Hall, 560 Trinity Ave. 935-4841.

**8 p.m. Concert.** Vincent Varvel, guitar; William Lenihan, piano; Eric Stiller, bass; Roger Guth, drums. Recital Hall, 560 Trinity Ave. 935-4841.

### Friday, April 11

**6 p.m. Kemper Presents Concert Series.** The Brotha' D. & The WOO-Daddies. Kemper Art Museum. 935-4523.

**7:30 p.m. Concert.** Concert Choir. Graham Chapel. 935-5566.

### Saturday, April 12

**2 p.m. Senior Piano Recital.** Maho Sasaki. Recital Hall, 560 Trinity Ave. 935-4841.

### Sunday, April 13

**2 p.m. Graduate Voice Recital.** Sara Gottman. Graham Chapel. 935-4841.

### Tuesday, April 15

**8 p.m. Student Recital.** Recital Hall, 560 Trinity Ave. 935-4841.

## Sports

### Saturday, April 5

**All Day. Track & Field WU Select.** Francis Field. 935-4705.

### Wednesday, April 9

**4 p.m. Softball vs. Westminster College.** WUSTL Field. 935-4705.

### Saturday, April 12

**All Day. Track & Field WU Quad.** Francis Field. 935-4705.

**9 a.m. Men's Tennis vs. Coe College.** Herman Park. 935-4705.

**9 a.m. Women's Tennis vs. Coe College.** Tao Tennis Center. 935-4705.

**3 p.m. Men's Tennis vs. Rhodes College.** Tao Tennis Center. 935-4705.

**3 p.m. Women's Tennis vs. Rhodes College.** Tao Tennis Center. 935-4705.

### Tuesday, April 15

**6 p.m. Men's Tennis vs. Maryville U.** Tao Tennis Center. 935-4705.

## And More

### Thursday, April 3

**11 a.m. American Indian Awareness Week Food Tasting and Information Booth.** Lopata Courtyard & Goldfarb Hall Student Commons. 935-6288.

### Tuesday, April 8

**4:30 p.m. Gephardt Institute for Public Service Poster Session & Ceremony.** "Faces of Hope." Chancellor Mark S. Wrighton and Richard A. Gephardt, former congressman. (Reception follows.) Whitaker Hall Aud. R.S.V.P. to 935-8628.

### Saturday, April 5

**10 a.m.-10 p.m. American Indian Awareness Week Pow Wow.** Athletic Complex. 935-8868.

### Sunday, April 13

**5:30-9:30 p.m. School of Social Work International Festival.** "Journeying Our Global Village." Lab Sciences Bldg. 935-6600.

## Sports

### Track and Field sets sights on NCAA's

The men's and women's track and field team had four student-athletes provisionally qualify for the NCAA Outdoor Championships at the Washington University Invitational March 28-29.

The women's team won the meet and the men's team placed fifth overall. For the women, seniors Morgen Leonard-Fleckman and Tyler Mulkin posted NCAA provisional qualifying marks in the pole vault (3.65 meters) and the 10,000-meter run (36:47.31), respectively. Freshman Ben Harmon won the decathlon event and freshman Scott Pettit's second-place height in the pole vault, 4.70 meters, also met NCAA provisional standards.

### Softball wins three at St. Louis Invitational

The 12th-ranked softball team posted a 3-0 record at the St. Louis Invitational March 29 at the WUSTL softball field.

The Bears opened with a 5-1 win over Maryville University, and then posted a 4-0 win over College of St. Scholastica and a 12-3 victory in five innings over Fontbonne University. Senior Kaylyn Eash, freshman Claire Voris and sophomore Megan

Fieser each picked up victories on the mound. WUSTL (18-5) plays No. 25 Coe College on Friday at 10 a.m. and Grinnell College at 2 p.m. at the Hy-Vee Invitational Friday, April 4, in Grinnell, Iowa.

### Watts is top tennis player in Division III

Sophomore John Watts, the No. 1 singles player in Division III, went 4-0 in singles and 3-1 in doubles in the four matches during a three-day road trip to Texas.

Three of his four wins in singles were against opponents ranked in the top 10. The team posted a 3-1 record with wins over No. 8 Trinity University, Hardin-Simmons University and No. 7 Claremont-Mudd-Scripps Colleges. Head coach Roger Follmer picked up his 100th career win against Hardin-Simmons.

### Williams shines in Baseball's 3-1 week

Junior Brian Williams led the baseball team (9-7) to a 3-1 record in a pair of doubleheaders last week. Williams posted a 2-0 record on the mound, picking up two complete-game shutout victories. He allowed five hits and struck out four in the 2-0 win over Illinois College March 25.





**The age of science** Nearly 100 scholars from 70 institutions in Australia, Canada, England, Germany, Ireland, the Netherlands and the United States gathered March 14-15 at the Charles F. Knight Executive Education Center for the annual meeting of the Consortium of Humanities Centers and Institutes. The meeting — which was hosted by the Center for the Humanities in Arts & Sciences and carried a theme of “The Humanities in an Age of Science” — featured remarks by Robert E. Thach, Ph.D. (front), dean of the graduate school of Arts & Sciences, and other faculty presenters, as well as workshops designed for directors of humanities centers and institutes.

## Rankings

**‘Culture of excellence’ helps earn national rank**  
— from Page 1

research and clinical faculty and exceptional students are the backbone of our leading Program in Physical Therapy,” said Susan Deusinger, Ph.D., executive director of the Program in Physical Therapy at the School of Medicine. “We are pleased that our culture of excellence, innovation and collaboration has again received national recognition.”

Other academic areas in the School of Medicine were in the top 10. Pediatrics is tied for a No. 7 ranking after being rated No. 9 in 2007. Internal medicine (No. 8) retains its top 10 standing.

“Our extraordinary students, faculty and staff are what sets Washington University School of Medicine apart as such an outstanding place to learn,” said Larry J. Shapiro, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine. “While these rankings are determined by relatively few parameters, they are not without consequence. We are proud of our continued No. 1 standing in student selectivity and of the national recognition among such exceptional institutions.”

The Sam Fox School of Design & Visual Arts fared very well among master’s of fine arts programs, climbing six spots to a tie for No. 15.

“We’re very pleased by the new ranking and believe that it reflects the emphasis placed on the MFA program as a strategic priority,” said Jeff Pike, dean of the College and Graduate School of Art and the Jane Reuter Hitzeman and Herbert F. Hitzeman Jr. Professor of Art.

“In addition to launching a new master’s degree in visual arts, we’ve directed significant scholarship funding to graduate students and devoted the entire Lewis Center building to graduate studios. I’m also confident that the program will continue to thrive under the leadership of our new graduate director, Patricia Olynik,” Pike said.

Two individual areas within the Sam Fox School also rank within the top 25: printmaking (tied for No. 14) and painting/drawing (tied for No. 19).

The School of Law remains in the top 20 for the third straight year, retaining its No. 19 ranking. Within the School of Law, the trial advocacy program remains among the nation’s best at No. 4 in the nation, as does the clinical training program, which ranks No. 6.

“I am gratified that the excellence of our faculty, students and alumni continues to receive recognition,” said Kent D. Syverud, J.D., dean of the law school and the Ethan A.H. Shepley University Professor.

The Olin Business School’s MBA program claims a spot among the top graduate programs in the country, rising four places to tie for No. 25 overall. In addition, two of Olin’s programs are recognized for their excel-

lence: The school’s part-time program, the Professional MBA, ranks No. 12, and the Executive MBA program is tied for No. 16.

“We’re pleased that Olin’s position in the U.S. News & World Report is improved,” said Mahendra R. Gupta, Ph.D., dean of Olin Business School and the Geraldine J. and Robert L. Virgil Professor of Accounting and Management. “Given the high caliber of our MBA program, we expect that trajectory to continue. Above all, our world-class program is defined each day by our outstanding students, alumni, faculty and staff, and we salute them for our continued success.”

WUSTL’s Department of Education in Arts & Sciences — ranked alongside schools of education at other universities — continues to soar in the ranking, leaping three places to tie for 38th. U.S. News ranked the department No. 41 in 2007 and No. 46 in 2006.

Overall, 47 graduate and professional academic areas at the University rank in U.S. News’ top 25.

U.S. News ranks some graduate schools, areas and departments — such as law — annually, and some — such as social work — on a rotating cycle.

Many of this year’s rankings are in the April 7-14 U.S. News magazine, currently available on newsstands.

The “America’s Best Graduate Schools” guidebook, published by U.S. News, became available April 1.

The U.S. News rankings also can be found online at [usnews.com](http://usnews.com).

has also been awarded The Abraham Lincoln Award from the Union League of Philadelphia, and, in 2005, he received the Gold Medal Award from the Pennsylvania Society.

Before moving into journalism, Matthews spent 15 years in politics and government. He worked in the White House for four years under Jimmy Carter as a presidential speechwriter and on the President’s Reorganization Project. He worked in the U.S. Senate on the staffs of Sen. Frank Moss (Utah) and Sen. Edmund Muskie (Maine) for five years and as the top aide to Speaker of the House Thomas P. “Tip” O’Neill Jr. for six years.

Matthews also is the author of four best-selling books, including “Now, Let Me Tell You What I Really Think” (2001) and “American: Beyond Our Grandest Notions” (2002).

His first book, “Hardball: How Politics Is Played Told By One Who Knows The Game” (1988), is

required reading in many college-level political science courses.

“Kennedy & Nixon: The Rivalry That Shaped Postwar America” (1996) was named by Reader’s Digest as “Today’s Best Non-fiction” and served as the basis of a documentary on The History Channel. His latest book, “Life’s a Campaign: What Politics Has Taught Me About Friendship, Rivalry, Reputation, and Success,” was released in 2007.

A graduate of Holy Cross College, Matthews did graduate work in economics at the University of North Carolina at Chapel Hill. Matthews also worked for two years as a trade development advisor with the U.S. Peace Corps in Swaziland.

Matthews was a visiting fellow at Harvard University’s John F. Kennedy School of Government’s Institute of Politics. He holds 16 honorary doctorates.

He is married to Kathleen Matthews. They have 3 children: Michael, Thomas and Caroline.

## Depression

**Smoking, diabetes also raise risk of dying**  
— from Page 1

Clinic, followed more than 750 heart attack patients for five years. The findings will appear in an upcoming issue of the Journal of Affective Disorders and are available online.

Patients followed in the study had participated in the NIH-funded project “Enhancing Recovery in Coronary Heart Disease Patients,” just under half were diagnosed with depression.

In the five years following a heart attack, 106 patients died. Of those, 62 had been diagnosed with depression. In gauging the effects of depression, the investigators also considered other risks including age, smoking, hypertension, gender and diabetes.

Some of those factors, such as younger age and female gender, lower mortality risk. Smoking and diabetes tend to raise the risk of dying. Carney said his team used statistical methods to evaluate the ways in which the various factors influenced mortality risk.

Then they removed the influence of all other factors from the risk equation in order to consider the statistical impact of depression itself.

“We found that after adjusting for those risk factors, depression continues to play a statistically significant role,” Carney said.

One possible explanation for depression’s lingering influence on mortality is its recurring nature. Because the disorder can come and go over many years, it also may continue to increase the risk of death for many years.

“People typically are depressed for a while, then they’ll either get better with treatment or it may subside on its own,” Carney said. “But depression can always recur, and we think that, because it is a recurring problem, whatever depression is doing to mortality risk after a heart attack, it continues doing for quite a long time.”

Past studies have differed over how much depression affects survival following a heart attack. But Carney said these new findings are more reliable because all of the patients in this study were personally interviewed to determine their depression status, whereas other studies have relied on self-reporting, which can overestimate the risk.

Carney’s team also found that

any clinically relevant depression increases the risk of death in heart attack patients. The risk was elevated both for patients with major depression, which requires the presence of five or more symptoms, and minor depression, which requires between two and four symptoms for diagnosis. Major depression was associated with higher risk, but minor depression also was associated with a significant increase in mortality risk.

Even with mounting evidence of a link between depression and death in heart attack patients, only about 25 percent to 30 percent of these patients receive antidepressant drugs or other depression treatments.

That doesn’t surprise Carney. His team reported in 2003 in the Journal of the American Medical Association that providing treatment for depression seemed to have little effect on whether patients survived or had a second heart attack. This could be because the treatments don’t



Carney

work for all patients, Carney said, and he suggests if current depression treatments could be improved, survival rates might increase, too.

To this end, his team is studying whether omega-3 fatty acids — the fatty acids found in fish oil — might improve antidepressant therapies in heart patients.

They’re giving an antidepressant drug and a special formulation of omega-3 to some heart patients and comparing them to depressed heart patients who receive an antidepressant but no omega-3.

“We have not been satisfied with the effectiveness of standard antidepressants at alleviating depression in this population of patients,” Carney said. “We’re studying omega-3 because there’s preliminary evidence that the fatty acids also might make depression therapies more effective, both in treating depression and in improving heart health.”

The new study is enrolling people with depression who have suffered a heart attack at least three months previously. After being evaluated for depression, patients will take an antidepressant and be randomly assigned to take a capsule containing either omega-3 or corn oil for 12 weeks. Carney’s team evaluates both mood and heart function during the course of the study.

All medication, supplements, medical and psychiatric evaluations are provided at no charge. For more information about the study, call Cathi Mueller at 286-1517 or Carol Sparks at 286-1315.

## Record

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 Washington University in St. Louis

## Matthews

**Host of ‘Hardball’ will speak in Quad**  
— from Page 1

newspapers by United Media.

Matthews covered the fall of the Berlin Wall, the first all-races election in South Africa and the Good Friday Peace Talks in Northern Ireland. In 1997 and ’98, his digging into the National Archives produced The San Francisco Examiner’s series of scoops on the Nixon presidential tapes. Matthews has covered American presidential election campaigns since 1988, including the five-week recount of 2000. In 2005, Matthews covered the funeral of Pope John Paul II.

In March 2004, he received the David Brinkley Award for Excellence in Broadcast Journalism. He



## Notables

### Of note

**Katherine M. Grillo**, graduate student in anthropology in Arts & Sciences, has received a one-year, \$14,990 Doctoral Dissertation Improvement Grant from the National Science Foundation for research titled "Pottery and Pastoralism in East Africa." ...

**Kenneth Harrington**, managing director of the Skandalaris Center for Entrepreneurial Studies; **Samuel L. Stanley Jr.**, M.D., vice chancellor for research; **Samuel A. Wickline**, M.D., professor of medicine; and **William A. Peck**, M.D., the Alan A. and Edith L. Wolff Distinguished Professor in Medicine, have received a two-year, \$600,000 grant from the National Science Foundation for research titled "PFI: Innovation Acceleration Partnerships." Other co-investigators are Marcia B. Mellitz of the Center for Emerging Technologies and Michael F. Nichols, Ph.D., vice president for research and economic development at the University of Missouri. ...

**Anne M. Hofmeister**, Ph.D., research professor in Earth and planetary sciences in Arts & Sciences, and **Robert E. Criss**, Ph.D., professor of Earth and planetary

sciences in Arts & Sciences, have received a two-year, \$199,201 grant from the National Science Foundation for research titled "Probing the Effect of Volatiles and Temperature on Thermal Diffusivity: Implications for Upper Mantle and Lithospheric Processes." ...

**Megan M. Kaneda**, graduate student in biomedical engineering, has received a two-year, \$50,000 grant from the American Heart Association for research titled "Synthetic Nanoparticle Vectors for Intravenous Delivery of Therapeutic siRNA." ...

**Jr-Shin Li**, Ph.D., assistant professor in electrical and systems engineering, has received the National Science Foundation Career Award, one of the National Science Foundation's most prestigious awards and one that supports the early career-development activities of those teacher-scholars who most effectively integrate research and education. Li has received a five-year, \$400,000 award to study a new class of control problems that involves simultaneous control of a large number of dynamical systems with applications to Nuclear Magnetic Resonance (NMR) spectroscopy and imaging (MRI).

### Campus Author

Richard A. Watson, Ph.D., professor emeritus of philosophy in Arts & Sciences

#### *Descartes's Ballet: His Doctrine of the Will and His Political Philosophy*

St. Augustine's Press (2007)

The court ballet "La Naisance de la Paix" ("The Birth of Peace") has been translated to English for the first time in a book by Richard A. Watson, Ph.D., professor emeritus of philosophy in Arts & Sciences.

Along with providing the translation, the book, "Descartes's Ballet: His Doctrine of the Will and His Political Philosophy," demonstrates that the ballet, commissioned by Queen Christina of Sweden in 1650 and long attributed to French philosopher Rene Descartes, was almost certainly not written by him. Instead, Helie Poirier, a Dutchman who wrote the verses for two other ballets commissioned by Queen Christina, likely wrote the ballet.

Descartes' authorship of the ballet is a falsehood that has been perpetuated for centuries, Watson said.

"Descartes' first biographer, who linked Descartes to everything, said that Descartes wrote the ballet, and this — with a lot of other false things the biographer wrote — has been repeated ever since," Watson said.

"If the ballet text was written by Descartes, it would indicate that he was closer to Queen Christina than is possible given the evidence because the ballet — as were all court ballets — was part of the propaganda for her politics. This has appealed to Descartes scholars — that Descartes was close to the great queen — but there is no evidence that he was," Watson said.

While "The Birth of Peace" was not written by Descartes, Watson said, Queen Christina did share Descartes' doctrine of the will — that is, his assertion that humans are made in the image of God, and as God has free will, so do humans. That idea conflicts with the notion



that God, an all-powerful creator, is the cause of everything — including human actions — but Descartes argued that the idea of free will under an all-powerful God is reality, though beyond human comprehension.

"The ballet is all about the exertion of willpower — of which Queen Christina was, if anything, oversupplied — and about Christina's political philosophy, which is very like Descartes," Watson said. "This has been taken to show that she followed Descartes' political philosophy, and that he advised her, but although their political philosophies are similar, he absolutely did not advise her. He was just an intellectual plaything for her — a toy, if you like."

Watson admitted the subject matter isn't "earth-shattering," but that doesn't make the book any less of a good read for those interested in Descartes, the debate over free will, and philosophy in general.

"If this book should illustrate anything, it is that historical scholarship can be a lot of fun," Watson said.

— Jessica Daues

## MacKeith receives national ACSA honor

BY LIAM OTTEN

Peter MacKeith, associate dean of the Sam Fox School of Design & Visual Arts and associate professor of architecture, has received one of three national Creative Achievement Awards from the Association of Collegiate Schools of Architecture (ACSA).

The honor recognizes special achievement in teaching, design, scholarship, research or service that advances architectural education. An awards ceremony was held March 28 during the 2008 ACSA National Conference in Houston.

MacKeith received the award for the design studio "Lighthouses: Adventures on the Mississippi," which he led (with teaching assistant Aaron Senne) in the spring of 2007 as part of the College of Architecture's senior undergraduate advanced studio sequence. Over the past 10 years, MacKeith has taught a succession of "Lighthouse" studios — in the United States, Finland and Slovenia — all emphasizing issues such as the importance of site, the value of materials and tectonics, and the necessity of interdisciplinary thought and collaborative work.

For the Mississippi studio, 15 undergraduates studied the history and culture of the river from a variety of disciplinary perspectives, including literature, environmental studies, political science, biology, art history and economics. Students also explored the life of the river itself — its

agricultural and industrial character and the communities situated adjacent to it — and eventually proposed designs for a series of observation pavilions at major sites between St. Louis and New Orleans.

"If there is creative achievement in this design studio, it lies first and foremost with each of the individual students' thought and work," MacKeith said, "than with the collective character and productivity of the studio group as a whole."

MacKeith came to the University in 1999 as assistant dean of architecture and was named as-



MacKeith

associate dean of the Sam Fox School in 2004. In addition to organizing collaborative teaching and research, he currently oversees the Whitaker Foundation

Learning Lab, a new media center. He previously directed the International Masters Program in architecture at the Helsinki Institute of Technology; taught at Yale University and the University of Virginia; and worked in professional practices in both the United States and Finland.

MacKeith has written and lectured extensively on contemporary Finnish architecture. He is author of "The Finland Pavilions: Finland at the Universal Expositions 1900-1992" (1993) and editor of "Encounters: Architec-

tural Essays" (2005), a selection of essays by Juhani Pallasmaa. His analytical drawings of Alvar Aalto's buildings were included in the 1998 retrospective at New York's Museum of Modern Art. In 2005, his essay "The Dissolving Corporation: Contemporary Architecture and Corporate Identity in Finland" was published by the Finnish Institute for Business and Policy Studies (EVA).

With Michael Repovich, lecturer in architecture, MacKeith recently received a one-year, \$15,000 I-CARES grant for research on "Zero-Energy, High-Performance Building Standards," a series of case studies in building design specifically directed at sustainable and net-zero energy campus building design. His essay about the new Sam Fox School of Design & Visual Arts buildings by architect Fumihiko Maki, "Designed Education," will appear in an April 2008 special issue of Japan Architect.

The ACSA is a nonprofit membership association founded in 1912 to advance the quality of architectural education. Members consist of all colleges and universities that offer accredited degree programs in architecture in the United States and Canada; candidate schools seeking accreditation; and affiliate membership for two-year and international programs and others ineligible for accreditation. Through these schools, more than 4,700 architectural faculty are represented.

## Trustees grant faculty promotions, tenure

At recent Board of Trustees meetings, the following faculty members were promoted with tenure, appointed with tenure or granted tenure effective July 1, 2008, unless otherwise noted.

#### Promotion with tenure

J. Andrew Brown, Ph.D., to associate professor of Spanish  
Geoff H. Childs, Ph.D., to associate professor of anthropology  
Tili Boon Cuille, Ph.D., to associate professor of French  
Leesa Galatz, M.D., to associate professor of orthopaedic surgery, effective Jan. 1, 2008, with tenure effective March 7, 2008

Margaret Garb, Ph.D., to associate professor of history

Daniel E. Giammar, Ph.D., to associate professor of energy, environmental and chemical engineering

Charles A. Goldfarb, M.D., to associate professor of orthopaedic surgery, effective Jan. 1, 2008, with tenure effective March 7, 2008

Jennifer S. Lawton, M.D., to associate professor of surgery (cardiothoracic surgery), effective Jan. 1, 2008

Chenyang Lu, Ph.D., to associate professor of computer science and engineering

Marina MacKay, Ph.D., to associate professor of English  
Erin H. McGlothlin, Ph.D., to associate professor of German  
Arnold Phillip Nadler, to associate professor of art

Laura A. Rosenbury, J.D., to professor of law

Kurt A. Thoroughman, Ph.D., to associate professor of biomedical engineering

Linda R. Van Dillen, Ph.D., associate professor of physical therapy, effective July 1, 2007, with tenure effective July 1, 2008

#### Appointment with tenure

Elizabeth M. Brunt, M.D., as professor of pathology and immunology, effective Nov. 1, 2007, with tenure effective March 7, 2008

Nabeel Rasheed Yaseen, M.D., Ph.D., as associate professor of pathology and immunology, effective Dec. 1, 2007, with tenure effective March 7, 2008

## Washington University Code of Conduct

The Code of Conduct governs "members of the University community": employees, volunteers and those who do business with the University. It states the ethical and legal standards that guide their decisions and actions as community members. The Code of Conduct is revised from time to time. An updated version of the code is always available online at [codeofconduct.wustl.edu](http://codeofconduct.wustl.edu).

Below is a summary of the Code of Conduct's key features.

#### Integrity and ethical conduct

Washington University is committed to the highest ethical and professional standards of conduct as an integral part of its mission: the promotion of learning. To achieve this goal, the University relies on each community member's behavior, honesty, integrity and good

judgment. Each community member should demonstrate respect for the rights of others. Each community member is accountable for his/her actions.

#### Compliance with laws and University policies

The University and each community member must transact University business in compliance with all laws, regulations and University policies related to their positions and areas of responsibility. Managers and supervisors are responsible for teaching and monitoring compliance in their areas.

#### Violations or concerns

Community members are expected to report violations or concerns about violations of the Code of Conduct that come to their attention. Managers have a special duty to adhere to the standards set forth in the Code of

Conduct, to recognize violations and to enforce the standards.

There are three ways to report a violation or discuss a concern:

- You may report violations or concerns to your immediate supervisor or department head, if appropriate.

- You may call the University Compliance Office Hotline at 362-4998. Reports may be made anonymously to the hotline if the caller so desires, as the hotline has no caller or telephone number identification.

- You may call the individual responsible for the related compliance area. A list of these individuals appears in the complete version of the Code of Conduct at [codeofconduct.wustl.edu](http://codeofconduct.wustl.edu).

Questions about the Code of Conduct may be directed to Gail Peters, executive director of compliance and audit, at 362-4915.



## Washington People

**S**herry Teefey, M.D., professor of radiology, remembers a moment of panic when she interviewed for her position at Washington University. But it wasn't the interview that shook her up — it was the view from the Queeny Tower restaurant on the 17th floor.

"I looked out and thought, 'Oh my God! It's so flat!'" Teefey says, laughing as she recalls her deer-in-the-headlights reaction. "I love mountains and trekking, and at that time, I was at the University of Washington in Seattle, where there are, of course, mountains, and that was a perfect fit. But I sensed that Washington University was a strong institution with great professional opportunities. Also, the faculty seemed so wonderful. So I bit the bullet."

A decade and a half later, Teefey remains glad she came to the University. She enjoys both her professional time with patients and colleagues and personal time spent not only hiking in mountain ranges around the world but also in medical education efforts in countries in Africa, Asia and South America.

"Sherry is a truly unique individual who has found a great bal-



Sherry Teefey, M.D., and Bill Middleton, M.D., look at ultrasound images. "Sherry is a truly unique individual who has found a great balance between a productive academic career at the medical school and a full and stimulating personal life outside of the University," says Middleton, professor of radiology. "She approaches both with a passion and enthusiasm that are inspirational."

## Back to nature

Teefey balances a busy academic career with work in the Far East

ance between a productive academic career at the medical school and a full and stimulating personal life outside of the University," says colleague Bill Middleton, M.D., professor of radiology. "She approaches both with a passion and enthusiasm that are inspirational."

### 'Like fireworks going off'

Teefey was born in Dearborn, Mich. After college, a job opportunity took her to Hawaii, where she ultimately studied at the University of Hawaii, earning her medical degree in 1980. She planned to go into internal medicine and had begun her first year of residency at the Mayo Clinic, but a rotation in radiology during her fourth year of medical school at the University of Utah changed her mind.

"It was like fireworks going off," she says. "I fell in love with it."

Teefey realized that radiology also would allow her to combine anatomy and pathology, two subjects she very much enjoyed in medical school. So she finished her first year in internal medicine at Mayo and then switched to radiology. Soon thereafter, she did a fellowship in abdominal imaging, where she honed her skills in the modality that would ultimately become her specialty: ultrasound.

"Everyone thinks that means babies, and my response is, 'I don't do windows; I don't do babies,'" Teefey says, laughing. "But we do almost everything else."

Teefey's main area of research is musculoskeletal ultrasound. She teamed with Middleton and orthopedic surgeons Ken Yamaguchi, M.D., the Sam and Marilyn Fox Distinguished Professor of Orthopaedic Surgery, and Leesha Galatz, M.D., associate professor of orthopaedic surgery, in the mid 1990s. Over the years, the group has published extensively and established the University as a major center of research for ultrasound of the shoulder.

"I have always be-

lieved in the multidisciplinary team approach to academics because it fosters clinically relevant research," Teefey says. "Our team has now grown to include doctors Nirvi Dahiya, Jay Keener and Mike Kim. I can honestly say I am so very fortunate to have such great colleagues to work with."

Her gratitude extends not only to her colleagues in radiology but also to a second, distinct group of University collaborators involved in improving health care and providing medical education in developing nations.

"I have a very strong passion for international medical education," Teefey says. "My expertise in ultrasound fits well with this passion because almost every country in the world has an ultrasound machine, regardless of how poor it is."

### 'Essence of nature'

With funding from the Radiological Society of North America (RSNA), Teefey recently traveled to Uganda for two weeks to train radiologists in Doppler and musculoskeletal ultrasound.

Support from the RSNA through an ongoing "Teach the Teachers" grant also allowed her to set up an exchange program in 2001 between the Mallinckrodt Institute of Radiology (MIR) and the Catholic University in Santiago, Chile. The program, which continues today, allows Chilean residents to spend three-month periods observing at MIR and sends MIR faculty to Santiago to teach for one to two weeks.

Teefey also teaches ultrasound and computed tomography in Bhutan, a small Himalayan kingdom east of Nepal and on the border between India and China. Initially, her love of the Himalayas drew her there.

"I have hiked in Europe several times over the years, but I found the Himalayas so immense and majestic," she says. "They kept drawing me back, perhaps because of the serenity, and the feeling that life was being reduced to the simple essence of nature."

Her 2001 trip to Bhutan was a test-run for a potential trip to Mount Everest. In 2003, having found that she performed well at high altitudes, Teefey made the trek to Everest base camp, which is 17,600 feet above sea level. (Everest's peak is just over 29,000 feet above sea level.) Then she climbed 18,400 feet up a nearby mountain, Kala Patar, for a better view of Everest.

Teefey has fond memories of that trip, but the mountain in the

photo hanging behind her desk isn't Everest. It's a picture she took of Chomolhari, the sacred mountain where she went trekking on her first trip to Bhutan. During that two-week journey, the country captured her heart.

With the help of Jack Ladenson, Ph.D., the Oree M. Carroll and Lillian B. Ladenson Professor of Clinical Chemistry, she has returned to Bhutan twice to teach ultrasound and computed tomography. Colleagues who joined her journeys to Bhutan have included both Ladenson, who worked to improve clinical laboratory services, and David Windus, M.D., professor of medicine, who has helped educate Bhutanese citizens about diabetes and Bhutanese doctors about nephrology.

"Thanks to a very generous donation from General Electric, we were able to provide the Bhutanese with an ultrasound machine with duplex and color Doppler capabilities," Teefey says. "The scanner arrived at the hospital in mid-March, and I plan to return this spring to help the sonographers and radiologists become acquainted with its intricacies."

In addition, Ladenson has provided funds to ship much-needed radiology texts and software for a transcription system to the national referral hospital in Thimpu, the capital.

"Sherry is very persistent, which is a good trait to have in this type of work," says Ladenson. "She's formed strong personal relationships with the right people in Bhutan and is working with them very closely to enhance their interpretations of radiology results. She's not only helping them improve their radiological services, she's also helping them expand and streamline them."

### 'My turn to help others'

Also hanging from the wall in Teefey's office is a thangka (pronounced ton-kah), a Buddhist scroll painting that depicts Baishajyaguru, the "medicine buddha," who is the buddha of healing invoked to care for the sick.

"I began reading books on Buddhist and Hindu philosophy when I returned from my first trip to Nepal, and I found the philosophy very much fit with my own personal values," she says. "Those same principles forged my passion for working in Third World countries. I have been so fortunate throughout my life to have met people who helped me along in my career, and now it is

my turn to help others."

Teefey is currently trekking in the Annapurna Sanctuary in Nepal, a glacial basin that leads up to base camp for the Annapurna peaks of the Himalayas. To prepare for these journeys, she "bumps up" her regular three-times-a-week workout schedule.

Teefey also is interested in scenery and wildlife photography in Africa. She has reluctantly surrendered her Nikon SLR camera and is now learning about digital photography.

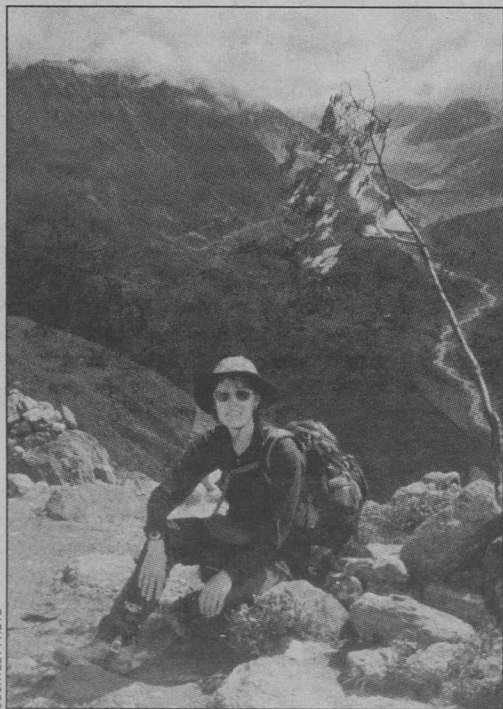
Other hobbies have included biking and competitive ballroom dancing. At one time, Teefey competed in what are referred to as the "standard" (British) style dances: waltz, Viennese waltz, tango, foxtrot and quickstep.

She has given up competitive dancing for now, though, to spend more time with her mother, June, who has lived with Teefey since her father died.

"It's very important to me to take care of mom," Teefey says. "She's done so much for me, and the personal rewards are so great."

Other family members include Kathy, Teefey's twin sister, who lives in Chicago and has a doctorate and a National Institutes of Health grant to study quality of life in heart transplant recipients; Tim, her brother, who is an architect in Michigan; and two nephews and a niece.

Teefey says she loves to drive to work in the mornings through Forest Park and catch glimpses of the sunrise and the birds. She counts herself lucky to have found a house with a small wooded preserve behind it when she first moved to St. Louis. At the end of a long day, when possible, she goes back to nature, sitting quietly on her back porch with a glass of wine, looking up at the stars and "taking life back to the basics."



Sherry Teefey in Tibet while trekking to see Mount Everest.

COURTESY PHOTO

ROBERT BOZMAN