

10-12-2006

## Washington University Record, October 12, 2006

Follow this and additional works at: <http://digitalcommons.wustl.edu/record>

---

### Recommended Citation

"Washington University Record, October 12, 2006" (2006). *Washington University Record*. Book 1086.  
<http://digitalcommons.wustl.edu/record/1086>

This Article is brought to you for free and open access by the Washington University Publications at Digital Commons@Becker. It has been accepted for inclusion in Washington University Record by an authorized administrator of Digital Commons@Becker. For more information, please contact [engeszer@wustl.edu](mailto:engeszer@wustl.edu).

# Record

Oct. 12, 2006

Volume 31 No. 10



## Washington University in St. Louis



Jana Harper, lecturer in book arts in the Sam Fox School of Design & Visual Arts, leads a course in the Nancy Spirtas Kranzberg Studio for the Illustrated Book. The studio, formerly located at West Campus, recently moved into the school's new Earl E. and Myrtle E. Walker Hall, a studio facility designed by Pritzker Prize-winning architect Fumihiko Maki.

## Sam Fox School fosters collaboration, combines technologies and traditions

BY LIAM OTTEN

In 1879, Washington University launched the first professional, university-affiliated art school in the United States.

Two years later it added the first art museum west of the Mississippi River, and in 1902, established what would become one of eight founding members of the Association of Collegiate Schools of Architecture.

This fall marks the start of a new chapter. Classes are now under way in the Sam Fox School of Design & Visual Arts, which gathers those three distinguished entities into a single academic and administrative unit.

Dedicated to the creation, study and exhibition of multidisciplinary and collaborative work, the

Sam Fox School reflects larger developments within art and architecture education, explained Dean Carmon Colangelo, the E. Desmond Lee Professor for Community Collaboration in the Arts.

"We sometimes talk about 'thinking outside the box,'" said Colangelo, an acclaimed printmaker who arrived on campus in July. "But students today don't even recognize that there is a box. Emerging technologies and new forms of artistic production have profoundly affected the way we view and interact with the world. There's a sense of openness, a freedom and an ability to move between categories and disciplines."

"On the one hand, students still need to master the craft of their respective, medium-specific

disciplines," Colangelo continued. "On the other hand, they also benefit from exposure to interdisciplinary training and dialogue. Our challenge is to provide an educational structure that fosters, rather than impedes, such collaborations."

Colangelo noted that several points of convergence have begun to emerge within the school, encompassing new facilities and curricula as well as exhibition programs.

The Whitaker Foundation Learning Lab — a 3,000-square-foot media center located in the new Mildred Lane Kemper Art Museum — contains laser plotters, printers and other specialized equipment for architecture, art and design majors. Facilities

See School, Page 6

## Rejection-free limb transplant is aim of reconstructive surgeon

BY GWEN ERICSON

Years ago, the idea of attaching a donor limb onto a patient's body would have been the stuff of science fiction. But to date about two dozen people around the world have received hand transplants.

Thomas Tung, M.D., a WUSTL plastic and reconstructive surgeon at Barnes-Jewish Hospital, has reattached patients' own hands, but he has never performed a hand transplant.

Tung said he believes the health risks of immunosuppressive drugs are too high to warrant the surgery. He is investigating therapies that potentially could allow the body to accept donor tissue without the danger of complications from anti-rejection medication or the risk of tissue rejection.

"Once we figure this out, it's going to open up a new whole field of reconstructive surgery," said Tung, assistant professor of surgery. "It will allow surgeons to replace not just injured hands, but lips, noses, ears, scalp and other specialized tissues anywhere on the body."

To reach this goal, Tung has researched transplantation of hindlimbs to mice from unrelated donors without giving the mice immunosuppressive drugs.

Tung is the only researcher in the United States investigating limb transplantation with this protocol, which uses proteins called costimulation-blocking antibodies.

With current treatment methods, all transplantation patients take medications that reduce the function of their immune systems so their bodies don't reject the foreign tissue. But long-term use of immunosuppressive medication raises the risk of infection and cancer because the weakened immune system is unable to ward

off these threats. Furthermore, immune suppression therapy eventually fails, and transplanted organs undergo rejection an average of 10 years after surgery.

"The holy grail of transplantation research is to find a way to produce permanent tolerance without the need for any immunosuppressive medication," Tung said. "That's what I'm investigating with my mouse model."

Tung's work in limb transplantation in many ways parallels research being conducted in

organ transplantation. But limb transplantation entails different challenges because it involves several kinds of tissue: skin, muscles, tendons, nerves and bone. Each of these elicits a different degree of response from the recipient.

"It's not entirely predictable that something that is successful in organ transplantation will have the same effect on a limb transplant," Tung said.

In recently published research, Tung demonstrated the effectiveness of costimulation-blocking therapy, which is designed to induce tolerance to the tissues in a transplanted hindlimb but not to globally suppress the immune system.

The mice received an antibody that blocked the action of certain molecules important for the immune system's T cells to attack foreign tissue. Tung said this strategy, called costimulation blockade, blocks the immune response to only the donor tissue. The immune system can still react to infections or cancer.

In addition to the costimulation blockade, mice received donor bone marrow, either as an infusion or simply as the marrow present in the bones of the donor hindlimb. Earlier research sug-

See Transplant, Page 2



Tung

## Benefits programs meetings scheduled for faculty, staff

The Office of Human Resources has announced several additions and enhancements to the benefits program for eligible faculty and staff that will be effective Jan. 1.

These changes are a high-deductible PPO health plan with Blue Cross (HDHP); a health savings account (HSA); a retirement medical savings account (RMSA); coverage for gastric bypass surgery and hospitalization; coverage for two smoking cessation prescription drugs; a debit card option for paying health flex spending plan claims; and online account access for flex spending plans.

The annual health open enrollment period for the health or dental-only plans, the health and childcare flex spending plans and the new HSA and RMSA plans will be from Oct. 15-Nov. 30.

Enrollments and changes to these plans made during the open enrollment period and before the Nov. 30 deadline will be effective Jan. 1 for the 2007 calendar year.

The open-enrollment brochure will be sent to campus boxes Oct. 16 and employee informational meetings will be conducted from Oct. 17-Nov. 28.

See Benefits, Page 6

## NSF funds biology teaching program

BY TONY FITZPATRICK

WUSTL has received a \$3.88 million grant from the National Science Foundation (NSF) to fund an institute leading to a master's degree — at no cost — for St. Louis area high school biology teachers.

WUSTL developed the "Life Sciences for a Global Community" institute, which mixes life sciences research and content with educational research and methods. The high school teachers will learn techniques for inspiring the best and the brightest, as well as engaging students with other interests.

Barbara A. Schaal, Ph.D., the Spencer T. Olin Professor in Biology in Arts & Sciences, is principal investigator and Victoria May, outreach director in biology, is co-principal investigator.

"The role that high school biology teachers play is critical in fostering interest in the life sciences," said Schaal, who also is vice president of the National Academy of Sciences, the first woman to hold that office.

"They are essential in reaching students who will go on to careers in medicine, health, ecology and the environment and in sustainable agriculture, but they also very well might be the last person to present concepts to those who pursue other interests. Thus, it's critical for us to enable biology teachers to do the best job they can reaching as many as possible."

Teachers who gain entrance to the institute will be able to earn a master of arts in biology from WUSTL in two years, cost-free, and receive a total of \$8,000 for expenses incurred over two years of institute study plus an additional two years of research participation.

The teachers will spend two three-week summer sessions on the Danforth Campus, participating in institute courses with renowned faculty. A travel allowance of \$300, meal expenses and on-campus housing will be provided for participants outside St. Louis.

The institute includes two summers (three weeks each) in residence at WUSTL, and continues during

See NSF, Page 6



3 2201 20356 0020

## Trustees discuss strategic plans

The University's Board of Trustees met Friday to discuss strategic planning, Chancellor Mark S. Wrighton said.

Three topics were considered: societal challenges that the University should address in the future, University constituencies and how well they are being served and undergraduate enrollment issues.

Following the business meeting, the trustees organized themselves into three groups to discuss these topics, which were developed by the trustee steering committee chaired by John S. McDonnell, retired chairman of the board of McDonnell Douglas Corp. The strategic planning initiative will continue during the rest of the academic year.

In his report to the trustees, Wrighton first reviewed the success of the Sept. 17 Danforth Campus dedication that honored William H. Danforth, his late wife, Elizabeth, the Danforth family and the Danforth Foundation. He reminded the trustees that three important presentations are being held in conjunction with the Danforth Campus naming this semester — including a well-attended event Oct. 3 that featured William H. Danforth on the topic of "Medicine and Society."

The Danforth Lecture Series, with its overarching theme of "A Higher Sense of Purpose," will continue Oct. 16 with John C. "Jack" Danforth, former senator and U.N. ambassador, speaking on "Faith and Politics," and Nov. 13 with P. Roy Vagelos, M.D., former chairman and CEO of Merck & Co., speaking on "The Social Responsibility of Business."

Wrighton reported that the freshman class of 2010 is the most academically talented student group in the University's history, with 95 percent graduating in the top 10 percent of their high-school classes.

Approximately one-third of the students are minority or international students who hail from 49 states and 20 countries. The class is divided equally between men and women.

Wrighton also reported that the first 17 students to enroll in the McDonnell International Scholars Academy were welcomed to campus from 12 of Asia's leading universities. He noted that 12 corpo-

rate sponsors are supporting the program and that James V. Wertsch, Ph.D., director of the academy and the Marshall S. Snow Professor in Arts & Sciences, has developed an ambitious program to continue the growth of the academy.

Wrighton announced that the academy will sponsor a major convocation May 4 for academic leaders from partner institutions, together with leaders in the areas of energy and the environment. Thomas R. "Tom" Pickering, a 40-year veteran of foreign service who served as U.S. ambassador to the United Nations from 1989-1992 and as undersecretary of state for political affairs from 1997-2001, will be the featured speaker.

Wrighton reminded trustees that the dedication of the Sam Fox School of Design & Visual Arts and the opening of the Mildred Lane Kemper Art Museum will take place Oct. 25.

In other news, Wrighton noted that the opening of MetroLink has brought a significant benefit to the University community and that students, faculty and staff have welcomed the free Metro passes made available to all benefits-eligible employees and to all full-time students.

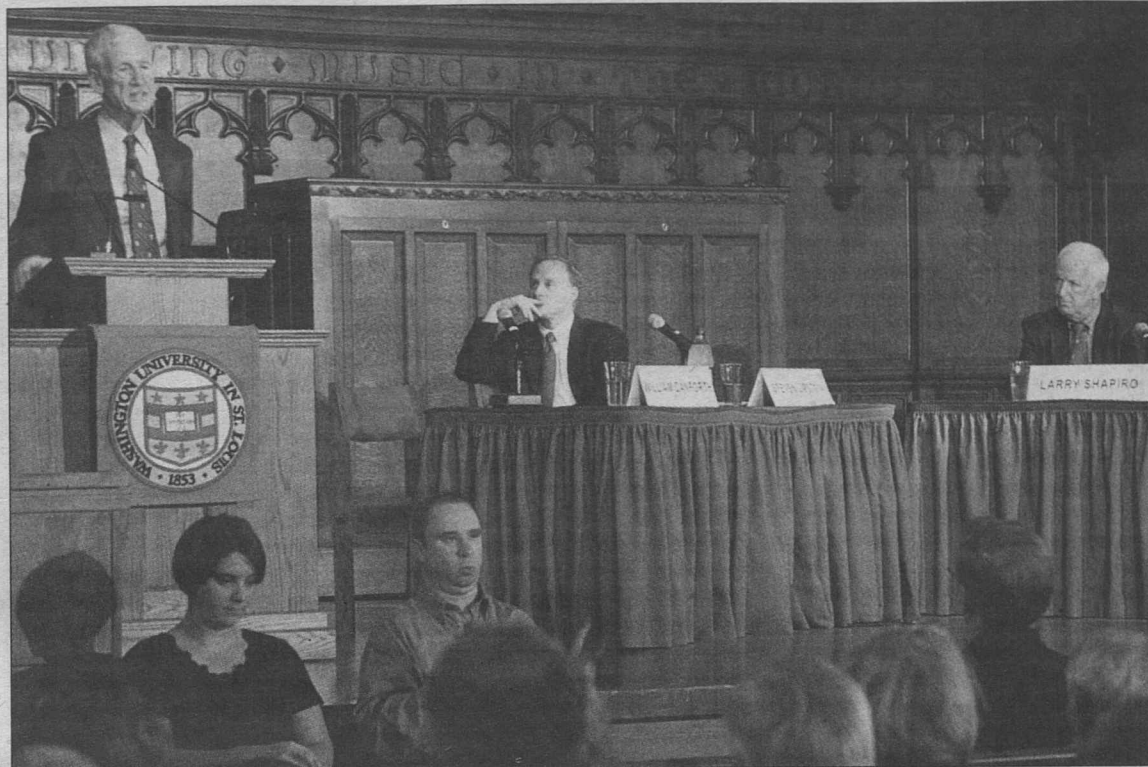
Lastly, he noted that Founders Day will feature Sir John Major, former prime minister of the United Kingdom, at the Adams Mark Hotel Nov. 4. More than 1,000 guests are expected to attend.

In other action, the trustees heard reports on the new structure for endowment oversight and management from John Biggs, former chairman and CEO of TIAA-CREF.

He described the organizational structure under which the newly appointed chief investment officer, Kimberly Gayle Walker, will operate in managing the University's endowment assets.

She will head a new entity within the University trustee governance structure — the Washington University Investment Management Co.

Reports also were received from the following committees: development, educational policy, audit, university finance, medical finance and the Alumni Board of Governors.



Chancellor Emeritus William H. Danforth gives the first presentation in this fall's "Higher Sense of Purpose" lecture series, which is being held in conjunction with the naming of the Danforth Campus. His talk, "Medicine & Society," was held Oct. 3 in Graham Chapel. Joining Danforth on stage are Steven Lipstein, president and CEO of BJC HealthCare, and Larry Shapiro, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine. Bradley Stoner, M.D., Ph.D., associate professor of anthropology in Arts & Sciences and of medicine, also participated.

## John Danforth continues theme, to discuss *Faith & Politics* book

BY BARBARA REA

The Danforth Lecture Series continues Monday, Oct. 16, with a program featuring John C. "Jack" Danforth on "Faith and Politics," the title of his new book.

The event, free and open to the public, will be held at 4 p.m. in Graham Chapel. The lecture will be simulcast in Holden Auditorium on the first floor of the Farrell Learning and Teaching Center at the School of Medicine.

In his book, the three-term former Republican senator from Missouri and ordained Episcopal priest calls for moderation and tolerance in religious and political life, and a return to the separation of church and state.

Decrying the narrow interpretations of religious orthodoxy, he supports an inclusive philosophy that embraces conflicting opin-

ions and beliefs.

Danforth retired from the U.S. Senate in 1995, having served 18 years. Since then, he has served the country as a special envoy to Sudan, as leader of the federal government's investigation into the Waco incident, and as U.S. ambassador to the

United Nations.

He entered politics at an early age. In 1968 — at age 32 — he won his first election as Missouri's attorney general; he was re-elected to the post in 1972.

Widely known and respected as a leader in the Episcopal faith, Danforth officiated at the funeral of former U.S. President Ronald Reagan.



Danforth

He is a partner in the international law firm Bryan Cave LLP, based in St. Louis.

A book signing/reception will be held in Ridgley Hall's Holmes Lounge immediately following the talk.

The book, *Faith and Politics: How the 'Moral Values' Debate Divides America and How to Move Forward Together*, will be available for purchase in both Graham Chapel and Holmes Lounge.

The Danforth Lecture Series' overarching theme is the university's role in society as an institution with "A Higher Sense of Purpose."

P. Roy Vagelos, M.D., former chairman and CEO of Merck & Co., will give the series' final lecture, "The Social Responsibility of Business," Nov. 13.

For more information on the series, call 935-5285 or go online to [danforthcampus.wustl.edu](http://danforthcampus.wustl.edu).

## Transplant

Therapies extend limb tolerance time  
— from Page 1

gested that donor bone marrow could help induce transplant tolerance, and Tung found that the small amount of bone marrow within the hindlimb was as effective as a large infusion of bone

marrow cells given intravenously.

While the costimulation blockade/bone marrow therapy did not result in permanent tolerance of the transplanted hindlimb, it greatly extended the time before the mice rejected the new limb.

In one set of experiments, mice not given a costimulation blockade rejected their new limbs after about 10 days, whereas the muscles and bone of the transplanted limb in blockade-treated

mice survived an average of 222 days.

"Research into costimulation blockade is relatively new," Tung said. "And just over the past few years, a half dozen new costimulatory pathways have been recognized. Researchers have found that when you combine several antibodies to block several pathways at once, it may increase the effectiveness of the therapy. That's a big step toward tolerance of transplanted tissue."

## Construction Update

Construction Update is published periodically and provides information about the progress of major building and renovation projects. Information is provided to the *Record* by facilities management.

### Danforth Campus

#### Sam Fox Arts Center

The dedication of the Sam Fox School of Design and Visual Arts is scheduled for Oct. 25.

#### Social Sciences/School of Law

The excavation is about 50 percent complete. Rock has been encountered in the western portion of the building footprint. Work began on the footings the week of Sept. 25.

#### University Center

The University has received 100 percent of the design development documents and review comments have been returned to the design team. Tsoi/Kobus & Associates will present the interior

design at a meeting scheduled for Oct. 12.

#### Central Underground Parking Garage

Mass excavation is 80 percent complete. The retention system is 80 percent complete. The ramp retaining wall is 65 percent complete and the perimeter foundation walls are 5 percent complete. The project is on schedule.

#### Snow Way Parking Garage Expansion Phase II

The shotcrete walls are complete, the north footings are complete. The chiller plant walls are complete. The western two-thirds of the interior footings were 60 percent complete Sept. 1.

## Record

Founded in 1905  
Washington University community news

Associate Vice Chancellor Judith Jasper Leicht  
Executive Editor Susan Killenberg McGinn  
Editor Deborah Parker  
Associate Editor Andy Clendennen  
Assistant Editor Neil Schoenherr  
Medical News Editor Beth Miller  
Calendar Coordinator Genevieve Posey  
Print Production Carl Jacobs  
Online Production Genevieve Posey

**News & Comments**  
(314) 935-6603  
Campus Box 1070  
[recordeditor@wustl.edu](mailto:recordeditor@wustl.edu)

**Medical News**  
(314) 286-0119  
Campus Box 8508  
[millerbe@wustl.edu](mailto:millerbe@wustl.edu)

**Calendar Submissions**  
Fax: (314) 935-4259  
Campus Box 1070  
[recordcalendar@wustl.edu](mailto:recordcalendar@wustl.edu)

**Record** (USPS 600-430; ISSN 1043-0520), Volume 31, Number 10/Oct. 12, 2006. Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130. Periodicals postage paid at St. Louis, MO.

#### Where to send address changes

Postmaster and nonemployees: Record, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130.

Employees: Office of Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO 63130.

## School of Medicine Update

# Med Prep Program readies undergraduates

By BETH MILLER

Undergraduate students at the University get the good, the bad and the ugly realities of life as a physician through a biology course known as the Med Prep Program.

Greg Polites, M.D., assistant professor of emergency medicine and assistant director of the Emergency Medicine Residency Program, took over as instructor of Biology 3651 in the fall of 2005. Previously, the course was known as the EM-STAR (Emergency Medicine-Scholastic Training and Research) program.

While it gave undergraduate pre-med students the opportunity to participate in clinical research, its focus was much different. The changes in the new course have been met with rave reviews from students.

"When I was revising the curriculum, I thought, 'What would I have wanted to know when I was 20 about a career in medicine?'" Polites said. "Universities in general do a pretty good job of preparing students for the academic challenges of medical school, but they do a pretty poor job of teaching students what we do on a day-to-day basis or what to expect in the years ahead.

"To accomplish this, I took out every bit of what I considered unnecessary 'busy' work, giving the students only high-yield, practical information that would help clarify the next decade of their lives."

Polites, a member of the School of Medicine's admissions committee, said he designed the course's curriculum to give stu-



Greg Polites, M.D., assistant professor and assistant director of the Emergency Medicine Residency Program, shows Ian English (left) and Vikram Sasi, both pre-med students, a head CT scan demonstrating a brain injury and discusses the severity of the injury and the necessary treatment during a shadowing session for the Med Prep program.

dents detailed information regarding every step of the medical education process from the day students apply to medical school to the day they become board-certified specialists. "By the time they are done, I want them to have an accurate, realistic view of what it takes to be a physician," he said.

The course includes a weekly two-hour lecture, covering topics

such as the dos and don'ts of the application process to the attitude that's expected by medical school professors. There are also question-and-answer sessions with residents from eight specialties who discuss the pros and cons of their specialties, the training time involved and the lifestyle both during and after residency.

Vikram Sasi, a senior pre-med student who comes from a family of physicians, said at first, Polites' requirements for the class seemed stringent.

"In the beginning, Dr. Polites instilled in everyone's minds that when you are shadowing, you have to behave like an actual resident," he said. "He let us know that if we were late (to rounds while in medical school), we'd be castigated in front of everyone."

Polites said he talks about all of the pluses and minuses of a life in medicine.

"Why sugar-coat it? I tell them the good and the bad aspects of being a physician and even some things they wouldn't expect to hear," he said. "This class is excellent for someone who is 'on the fence,' trying to decide if medicine is right for them."

In addition, students get to shadow Polites and other physicians in the Emergency Department at Barnes-Jewish Hospital for three hours each week. While the students don't work with patients, the experience is designed to give them a behind-the-scenes look at how medical students and residents are trained at a major teaching hospital.

"The purpose of shadowing is not to teach medicine," Polites said. "It's to give the students exposure to the lifestyle and to see the thought process we use in treating both routine medical problems and life-threatening conditions. The students come

into every room and see everything we do with the patients. They all take with them a different perspective."

Sasi said although he had already decided to go into medicine, the class enhanced his perspective on the realities of being a physician.

"As an undergrad, the experience was mindblowing," Sasi said. "To be able to go to Barnes-Jewish Hospital's Emergency Department, a Level 1 trauma center, as an undergraduate student and swipe in like any other physician and watch medicine happening right in front of you — it's exhilarating."

One point Polites said he tries to drive home is that being an excellent physician requires more than just a good memory and test-taking skills. "It requires humility, a commitment to continued learning and a degree of selflessness that is found in few other professions," he said.

The class is growing by leaps and bounds, partly due to word of mouth from students who have already taken the class and their devotion to Polites. The fall class has 85 students enrolled.

"Dr. Polites is just amazing," Sasi said. "When he's handling a patient, he's always explaining what's going on to make sure we understand. Every student adores him."

Ian English, a junior pre-med major, said Joan Downey, M.D., assistant professor of pediatrics and assistant dean, College of Arts & Sciences, suggested he take the class because he wasn't sure that medicine was right for him.

"I think it was the best thing to help me make the decision to apply to medical school," English said. "You really can't understand if you'll like medicine from a chemistry class. This class definitely helped me understand that it's something I want to do."

English described Polites as a Renaissance man. "He knows a little about everything," he said. "He's a perfect teacher because he's young enough to be able to relate to us, but he also knows everything the residents are going through."

## Erotic images elicit strong response in human brain

By JIM DRYDEN

A new study suggests the brain is quickly turned on and "tuned in" when a person views erotic images.

School of Medicine researchers measured brainwave activity of 264 women as they viewed a series of color slides that contained various scenes from water-skiers to snarling dogs to partially clad couples in sensual poses.

What they found may seem like a "no-brainer." When study volunteers viewed erotic pictures, their brains produced electrical responses that were stronger than those elicited by other material that was viewed, no matter how pleasant or disturbing the other material may have been. This difference in brainwave response emerged very quickly, suggesting that different neural circuits may be involved in the processing of erotic images.

"That surprised us," said first author Andrey P. Anokhin, Ph.D., research assistant professor of psychiatry. "We believed both pleasant and disturbing images would evoke a rapid response, but erotic scenes always elicited the strongest response."

As subjects looked at the slides, electrodes on their scalps measured changes in the brain's electrical activity called event-related potentials (ERPs). The researchers learned that regardless of a picture's content, the brain acts very quickly to classify the visual image.

The ERPs begin firing in the brain's cortex long before a person is conscious of whether they are seeing a picture that is pleasant,

unpleasant or neutral.

But when the picture is erotic, ERPs begin firing within 160 milliseconds, about 20 percent faster than occurred with any of the other pictures. Soon after, the ERPs begin to diverge, with processing taking place in different brain structures for erotic pictures than those that process the other images.

"When we present a stimulus to a subject — for example, when a picture appears on a screen — it changes ongoing brain activity in certain ways, and we can detect those changes," Anokhin said.

Past research has suggested that men are more visual creatures than women and get more aroused by erotic images than women. Anokhin said the fact that the women's brains in this study exhibited

such a quick response to erotic pictures suggests that, perhaps for evolutionary reasons, human brains are programmed to preferentially respond to erotic material.

Because the electroencephalogram (EEG) technology cannot pinpoint specific brain structures involved in this visual processing, Anokhin said it's not clear exactly which circuits are reacting to these visual scenes.

"The newer and more advanced technologies such as MRI and PET provide much better spatial resolution," he said. "Those methods can better localize areas of brain activity, but ERPs have a much better temporal resolution. The EEG can record neuronal activity in real time. When measuring activity in milliseconds, any delay is undesirable."



Anokhin

## Brain's visual area may help scientists understand how behavior is organized

By MICHAEL C. PURDY

A brain region that focuses on vision also receives signals that may help configure the operation of the brain, School of Medicine neuroscientists reported.

If the brain is thought of as an army, the new signals may give scientists a unique opportunity to trace how messages from the high command reach all the way down to individual soldiers in a particular platoon and affect their activities.

That's because the brain region in question, called V1, has already been the focus of detailed studies at the level of individual brain cell interactions and how they encode and analyze data from the eyes.

"To really understand how a control signal works, you first have to know how the mechanism being controlled works, and we already have a fairly detailed feel for that in V1," said Anthony I. Jack,

Ph.D., a postdoctoral fellow and lead author of a study that appeared recently in the journal *Neuron*. "This provides us with a potential way of understanding a major puzzle: on a minute scale, how do control signals change how neurons process incoming information?"

Much of the human brain's power derives from its ability to take one stimulus and process it in different ways to meet a variety of needs. Different parts of the brain have specialized abilities that can contribute in various ways to completion of different tasks. They just need to be told when to shift from one task to the next.

Scientists have long recognized V1 as the place where visual data first enters the cortex, the area responsible for many of the higher functions of human thought, analysis and decision-making. Aspects of the visual signal analyzed by V1 include the orientation of edges and lines.

"Edges form the boundaries of visual objects," Jack said. "By en-

coding this information, the neurons in V1 provide the brain with the information that it uses to visually distinguish one object from another."

The new results apparently show V1 responding to another, more abstract type of boundary: the divisions between mental tasks. The finding led to three years of follow-up studies, most devoted to showing that the signals coming into V1 were not a product of other, lower-level cognitive processes.

"What is exciting about this finding is the potential it presents for learning more about how control signals work at the neuronal level," said Jack.

"At present, most ideas about how control signals work are based on theoretical models that seem plausible but have little detailed experimental support. That is problematic because nature often surprises us. It certainly did in this case."

# University Events

## William Jay Smith to host two events Oct. 17, 18

Acclaimed poet to read from work and speak on 'My Friend, Tom: Tennessee Williams in St. Louis'

William Jay Smith, a WUSTL alumnus and former poetry consultant to the Library of Congress (the position now known as poet laureate), will read from his work at 4 p.m. Tuesday, Oct. 17, in Olin Library's Ginkgo Reading Room. A reception immediately will follow.

In addition, Smith will speak on "My Friend, Tom: Tennessee Williams in St. Louis" — recounting his time as a classmate of the great playwright and fellow WUSTL alumnus — at 4 p.m. Wednesday, Oct. 18, in Hurst Lounge, Duncker Hall.

Both events are free and open to the public.

The son of a soldier and the grandson of a Choctaw Indian chief, Smith was born in 1918 in Winnfield, La., but raised primarily

at Jefferson Barracks outside St. Louis. He earned bachelor's and master's degrees from WUSTL in 1939 and 1941 and befriended Williams during his sophomore year.



Smith

University and Oxford University as a Rhodes Scholar.

A prolific author, Smith has published more than 50 books, ranging from poetry and children's verse to translation and liter-

ary criticism. He is working on a book about his friendship with Williams while his boyhood memoir, *Army Brat* (1980), is considered a modern classic.

Two of his poetry collections have been nominated for the National Book Award, and *Laughing Time* (1955), his first book for children, has never been out of print. His translations have won awards from the French Academy, the Swedish Academy and the Hungarian government.

Smith was poetry consultant to the Library of Congress from 1968-1970 and has been a member of The Academy of Arts and Letters since 1975.

He also served as poet-in-residence at Williams College from 1959-1967 and chaired the Writing Division of the School

of Arts at Columbia University from 1973-75. Now a professor emeritus at Hollins University in Roanoke, Va., he divides his time between homes in Cummington, Mass., and Paris, France.

Many of Smith's manuscripts and papers — including extensive correspondence with literary figures dating back to the 1940s, as well as letters from publishers, editors, scholars and friends — are held in Olin Libraries' Department of Special Collections.

Smith's visit is sponsored by University Libraries and the Performing Arts Department in Arts & Sciences, with additional support from the Department of English and the Center for the Humanities, both in Arts & Sciences.

For more information, call 935-5858.

## Influential Leadership • All the World's a Stage • Dark Water

"University Events" lists a portion of the activities taking place Oct. 12-25 at Washington University. Visit the Web for expanded calendars for the Danforth Campus ([calendar.wustl.edu](http://calendar.wustl.edu)) and the School of Medicine ([mcschool.wustl.edu/calendars.html](http://mcschool.wustl.edu/calendars.html)).

### Exhibits

**Danforth Campus: In Recognition of Service and Support.** Through Oct. 17. Olin Library, Lvl. 1, Ginkgo Rm. & West Campus Library. 935-9730.

**Eyes on the Prize 1 & 2: Documenting the Civil Rights Movement.** Through Dec. 21. Olin Library, Lvl. 1, Grand Staircase Lobby. 935-8679.

**MetroServe: Pack the Train.** Through Oct. 16. Olin Library Lobby. 935-6626.

**Modern Dance Photographs by Barbara Morgan.** Oct. 19-Dec. 21. Olin Library, Lvl. 1, Ginkgo Rm. 935-5495.

**Lilly Oncology on Canvas.** Oct. 23-27. (Presented by Eli Lilly and Co.) Siteman Cancer Center, West County Office, 969 N. Mason Rd. 996-8270.

### Film

#### Wednesday, Oct. 25

**7 p.m. Japanese Film Series. *Dark Water.*** Nakata Hideo, dir. Sponsored by Asian & Near Eastern Languages & Literatures. McMillen Hall, Rm. 149. 935-5110.

### Lectures

#### Thursday, Oct. 12

**7 a.m.-5 p.m. Thoracic Surgery CME Course.** "Contemporary General Thoracic Surgery." (Continues 7:30 a.m.-5 p.m. Oct. 13.) Cost: \$500, \$400 for allied health professionals. Eric P. Newman Education Center. To register: 362-6891.

**Noon. Genetics Seminar Series.** "Finding Stress Inducible MicroRNA Genes in Plants." Weixiong Zhang, assoc. prof. of computer science and engineering. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

**3 p.m. Siteman Cancer Center Basic Science Seminar Series.** Simon Powell, prof. of radiation oncology. Eric P. Newman Education Center. 454-7029.

**4 p.m. History Colloquium.** "William James and the Census of Hallucinations: Empiricism, Occultism or Tertium Quid?" Krister Knapp, lecturer in history. (Reception to follow.) Brown Hall Lounge. 935-5450.

**4 p.m. Ophthalmology & Visual Sciences Seminar.** "Endogenous Neuroprotection in the Retina: Relevance to Ischemia and Glaucoma." Jeff Giddy, assoc. prof. of neurosurgery, cell biology & physiology and of ophthalmology & visual sciences. Maternity Bldg., Rm. 725. 362-4179.

**4 p.m. Women & Gender Studies Program Global Feminisms Lecture Series.** "Quotas for Women in Politics: A New Global Trend?" Mona Lena Krook, asst. prof. of political science. McMillan Hall Café. 935-5102.

#### Friday, Oct. 13

**9 a.m. Research Financial Management Series for Research Administrators.** (Continues Oct. 18 & 20.) For location and to register: 747-6273.

**10:30 a.m. Olin School of Business Operations and Manufacturing Management Seminar.** "Simulation Multivariate Input Models and Their Applications." Bahar Biller, asst. prof. of manufacturing and operations management, Carnegie Mellon U. Co-sponsored by the Boeing Center for Technology, Information and Management. Simon Hall, Rm. 241. 935-5577.

**11 a.m. Computer Science & Engineering Colloquium.** "Programming Languages and Automated Theorem Proving." Aaron Stump, asst. prof. of computer science and engineering. Cupples II Hall, Rm. 217. 935-6132.

**Noon. Cell Biology & Physiology Seminar.** "Designing Elastin-like Self-assembling Biomaterials: Influence of Sequence and Domain Structure on Functional Properties." Fred Keeley, sr. scientist & prof. of biochemistry, U. of Toronto. McDonnell Medical Sciences Bldg., Rm. 426. 362-2254.

#### Saturday, Oct. 14

**7 a.m.-noon. Orthopaedic Surgery CME Course.** "The Pediatric Spine." Cost: \$95. Eric P. Newman Education Center. To register: 362-6891.

#### Monday, Oct. 16

**3 p.m. Neuro-Oncology Research Group Seminar Series.** "Recruited Cells and Stem Cell Compartments in Mouse Models of Brain Tumors." Eric C. Holland, Memorial Sloan-Kettering Cancer Center, New York. McDonnell Medical Sciences Bldg., Rm. 928. 454-8981.

**4 p.m. Condensed Matter/Materials and**

**Biological Physics Seminar.** "Lamellae on a Plane." Ann Viano, prof. of physics, Rhodes College. Compton Hall, Rm. 241. (3:45 p.m. coffee.) 935-6276.

**4 p.m. Danforth Lecture Series.** "Faith and Politics." John C. Danforth, former senator and U.N. ambassador. Graham Chapel. 935-5285.

**4 p.m. Immunology Research Seminar Series.** "Early Events in the DNA Damage Response." Andre Nussenzweig, National Cancer Institute. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

#### Tuesday, Oct. 17

**Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series.** "Signaling, Virulence and Globalization in the World of Parasites." David Sibley, prof. of molecular microbiology. Cori Aud., 4565 McKinley Ave. 747-2132.

**1 p.m. Multidisciplinary Clinical Research Career Development Program Seminar.** "Comorbidity." Jay Piccirillo, prof. of otolaryngology. Center for Clinical Research Training, Conference Rm. 1. 454-8255.

#### Wednesday, Oct. 18

**2 p.m. Health Administration Program Lecture.** Annual Frank R. Bradley Executive Lecture Series. "Massachusetts Health Care Reform: A Model for Missouri?" Eric P. Newman Education Center. To register: 362-4277.

**4 p.m. Biochemistry & Molecular Biophysics Seminar.** "Structure, Evolution and Engineering of Homing Endonucleases: Reagents for Gene Specific Applications." Barry Stoddard, assoc. dir. of basic sci-

ences, Fred Hutchinson Cancer Research Center, Seattle. Cori Aud., 4565 McKinley Ave. 362-4152.

**4 p.m. Biology & Biomedical Sciences "Frontiers in Human Pathology" Lecture Series.** Clay F. Semenkovich, prof. of medicine. Farrell Learning & Teaching Center, Holden Aud. 362-4806.

**4 p.m. Physics Colloquium.** "The Physics of How Viruses Make New Viruses." Rob Phillips, prof. of applied physics and mechanical engineering, Calif. Inst. of Technology. (3:30 p.m. coffee., Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

**4 p.m. University Libraries Lecture.** "My Friend, Tom: Tennessee Williams in St. Louis." William Jay Smith, poet and author. Co-sponsored by the Performing Arts Dept., Dept. of English and the Center for the Humanities. Duncker Hall, Rm. 201, Hurst Lounge. 935-5858.

#### Thursday, Oct. 19

**Noon. Genetics Seminar Series.** "Genetic Analysis of Late-onset Alzheimer's Disease." Alison Goate, prof. of genetics in psychiatry. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

**2:30 p.m. Mechanical & Aerospace Engineering Seminar.** "Computational Materials Science of Structural and Functional Liquid Crystals." Alejandro Rey, prof. of chemical engineering, McGill U. (Refreshments immediately following.) Jolley Hall, Rm. 305.) Cupples II Hall, Rm. 100. 935-6047.

**4 p.m. Assembly Series.** Performing Arts

Dept. Lecture. Bonnie Oda Homsey, former principal dancer, American Repertory Dance Company. Women's Bldg. Formal Lounge. 935-5285.

**4 p.m. Ophthalmology & Visual Sciences Seminar.** "Digital 3-D Reconstruction of the Normal and Early Glaucomatous Monkey Optic Nerve Head." Claude Burgoyne, senior scientist and research dir., Devery Eye Inst. Maternity Bldg., Rm. 725. 362-4179.

**4:15 p.m. Earth & Planetary Sciences Colloquium.** "Molecular Evidence for Radical Changes in Ocean Chemistry, Globally, Across the Permian Triassic Boundary." Roger Summons, prof. of geobiology, Mass. Inst. of Technology. Earth & Planetary Sciences Bldg., Rm. 203. 935-5610.

**8 p.m. Writing Program Reading Series Lecture.** Steven Hillhauser, Visiting Hurst Professor. Duncker Hall, Rm. 201, Hurst Lounge. 935-7130.

#### Friday, Oct. 20

**7:30 a.m.-3:30 p.m. Medicine Conference.** "Annual Bi-State Regional Infectious Disease Conference." Cost: \$75. St. Louis Hilton Airport, 10330 Natural Bridge Rd. For information and to register: 996-5584.

**Noon. Cell Biology & Physiology Seminar.** "Mechanisms of Non-visual Ocular Photo-reception." Russell Van Gelder, assoc. prof. of ophthalmology & visual sciences. McDonnell Medical Sciences Bldg., Rm. 426. 747-4233.

#### Monday, Oct. 23

**8 a.m.-5 p.m. St. Louis STD/HIV Prevention Training Center CME Course.** "STD Intensive." (Continues 8 a.m.-5 p.m. Oct. 24 & 25.) Cost: \$125. For location and to register: 747-1522.

**Noon. Work, Families and Public Policy Brown Bag Seminar Series.** "Income From Wealth and Income From Labor: The Rising Importance of Accumulated Wealth for Economic Well-being." Timothy Smeeding, prof. of economics and public administration, Syracuse U. Eliot Hall, Rm. 300. 935-4918.

**4 p.m. Assembly Series.** Asian Multicultural Council Lecture. "All the World's a Stage: From Exclusion to Inclusion." B.D. Wong, actor. Graham Chapel. 935-5285.

**4 p.m. Biochemistry & Molecular Biophysics Seminar.** "Structural Biology of Pili Biogenesis and Bacterial Attachment." Gabriel Waksman, prof. of structural molecular biology, U. College London-Birkbeck, England. Cori Aud., 4565 McKinley Ave. 362-4152.

**4 p.m. Immunology Research Seminar Series.** "HIV-specific Immune Responses — Lessons for Vaccines." Andrew McMichael, prof. of molecular medicine, U. of Oxford, England. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

**4 p.m. Materials & Biological Physics Seminar.** "Carbon Nanotube Nanofluidics." Olga Bakajin, Lawrence Livermore National Labs, Calif. (3:45 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

**4 p.m. Physics Lecture.** "Probing Structure and Bonding in Hydrogen-storage Materials by Combined Neutron-Scattering Techniques and First-principle Calculations." Terry Udovic, Center for Neutron Research, National Institute of Standards and Technology. (3:45 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

**5:30 p.m. Cardiac Bioelectricity & Arrhythmia Center Seminar Series.** "Device Therapy in Pediatrics: Millivolts to Kilovolts." Edward Rhee, asst. prof. of pediatrics. (5:30 p.m. reception.) Whitaker Hall, Rm. 218. 935-7887.

## Shostakovich centennial celebrated Oct. 15 by Department of Music

Concert to feature 'Cello Sonata,' 'Piano Quintet,' music of *Lady Macbeth*

The Department of Music in Arts & Sciences will mark the centennial year of the birth of Russian composer Dmitri Shostakovich (1906-1975) with a concert that includes several of his most popular chamber works.

The performance begins at 7 p.m. Sunday, Oct. 15, in Whitaker Hall Auditorium. The concert is free and open to the public.

The program will feature Shostakovich's "Cello Sonata in D minor, op. 40"; "Piano Quintet in G minor, op. 57"; and two scenes from the opera *Lady Macbeth of the Mtsensk District*. All were written between 1930 and 1940 — a period that brought great acclaim and great turbulence to the composer's professional life.

Shostakovich began composing *Lady Macbeth*, based on a novella by Nikolai Leskov, in 1930. It tells the story of Katerina Ismailova, a neglected wife trapped in a destructive marriage to a provincial merchant, who is driven to murder her husband.

Simultaneous premieres took place in Moscow and Leningrad in 1934 and brought the composer much critical praise.

However, in 1936 an article titled "Muddle Instead of Music" — allegedly written by Stalin himself — appeared in *Pravda*. It labeled Shostakovich's work as vulgar and cacophonous and threatened that things "could go very badly" if the composer did not change his ways.

Shostakovich appeared before the Composers' Union in Moscow, where he was labeled a "bourgeois aesthete and formalist."

Yet his response to the criticism remains controversial to this day, as scholars continue to assess whether the composer took "corrective" measures in his music or whether he veiled sarcastic retorts in music too subtle for Stalin's regime to discern.

Mezzo soprano Noël Prince, instructor in voice, will perform two monologues from *Lady Macbeth* as well as a pair of early songs, "The Cricket and the Ant" and "The Ass and the Nightingale." Accompanying Prince will be pianist Hugh Macdonald, Ph.D., the Avis H. Blewett Professor of Music, who prepared English translations of the texts.

The "Cello Sonata," composed shortly after the premiere of *Lady Macbeth*, contains charming pastoral references and melodic elements reflective of the late Romantic period, though the final two movements also contain a darkness and sarcasm that tints much of Shostakovich's work. Performers are Hugh Macdonald and cellist Elizabeth Macdonald, director of strings.

The final work on the concert, the "Piano Quintet," was written in 1940 and enjoyed great popularity, despite being marked by a sense of satire and irony. Still, in 1941 the "Quintet" won the Stalin Prize, thus further distorting perceptions about the composer's relationship to the Soviet dictator.

Pianist for the quintet is Seth Carlin, professor of music. Also featured are Elizabeth Macdonald and three members of the Saint Louis Symphony Orchestra: violist Mike Chen and violinists Dana Myers and Charlene Clark.

For more information, call 935-4841 or e-mail [staylor@wustl.edu](mailto:staylor@wustl.edu).



**Art in Transit** Lindsey Stouffer, visiting assistant professor of art in the Sam Fox School of Design & Visual Arts, with her sculpture *Hoi Polloi*, recently installed at the Forsyth Boulevard MetroLink station in Clayton. The piece — one of nine commissioned for MetroLink's new extension — consists of large metal screens facing one another across the station's long curving entry ramps. Perforations in the screens create an optical illusion, known as the moiré effect, and appear to shimmer as viewers descend into the amphitheater-like space.

## Concert to benefit Gulf Coast

Rhythms for Rebuilding, an a cappella benefit concert for Gulf Coast rebuilding, will be held at 7:30 p.m. Thursday, Oct. 12, in Graham Chapel.

All proceeds will benefit Common Ground, a New Orleans organization working to rebuild minority and disadvantaged neighborhoods.

Organizers say the benefit concert is a unique opportunity to see all the WUSTL a cappella groups performing together for the very first time, as well as being a great community service and social justice-themed event.

Tickets are \$5 for students, \$8 for adults and are on sale in Malinckrodt Student Center from 11 a.m.-1 p.m. and at Wohl Student Center from 5-7 p.m. Tickets also will be available at the door.

Featured groups are: After Dark, Amateurs, Aristocats, Greenleafs, More Fools Than Wise, Mosaic Whispers, Pikers, Staam and Stereotypes.

The concert is sponsored by Project SOS, the Office of Community Service and the WUSTL a cappella community.

### Tuesday, Oct. 24

**Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "Genetics of SARS — Coronavirus Pathogenesis." Ralph Baric, prof. of epidemiology, microbiology and immunology, U. of N.C. Cori Aud., 4565 McKinley Ave. 747-2132.

**Noon. Program in Physical Therapy Research Seminar.** Sara Scholtes, doctoral candidate in movement science. 4444 Forest Park Blvd., Lower Lvl., Rm. B108. 286-1400.

**1 p.m. Multidisciplinary Clinical Research Career Development Program Seminar.** "Obesity Etiology and Policy Effects: Use of Multilevel Methods." Ross Brownson, prof. of community health in epidemiology, St. Louis U. Center for Clinical Research Training, Conference Rm. 1. 454-8255.

**4 p.m. Anthropology Colloquium.** "Haash Deesh": Navajo Hip-hop and the Emergence of the 'Glocal.'" Anthony Webster, asst. prof. of anthropology, Southern Ill. U.-Carbondale. McMillan Hall, Rm. 149. 935-5252.

**4 p.m. George Warren Brown School of Social Work Lecture.** "Long-term Health Care Shouldn't Be This Way: Two Perspectives." Rosalie Kane, prof. of public health, U. of Minn., and Robert Kane, prof. and Minnesota Chair in Long-Term Care and Aging, U. of Minn. Brown Hall Lounge. 935-7573.

### Wednesday, Oct. 25

**8:30 a.m.-noon. Career Development Training Program.** "Influential Leadership." Open to WUSTL directors, managers and supervisors. Cost: \$50. Becker Medical Library, Rm. 601A. Register online at [hr.wustl.edu](http://hr.wustl.edu).

**11 a.m. Assembly Series.** Marjane Satrapi, writer/artist. Graham Chapel. 935-5285.

**4 p.m. Biology & Biomedical Sciences "Frontiers in Human Pathobiology" Lecture Series.** "Assembly and Destruction of von Willebrand Factor in Human Disease." Evan Sadler, prof. of medicine. Farrell Learning & Teaching Center, Holden Aud. 362-4806.

## Music

### Thursday, Oct. 12

**8 p.m. Jazz at Holmes.** Steve Schenkel and members of the Fox/MUNY orchestra. Riddley Hall, Holmes Lounge. 935-4841.

### Sunday, Oct. 15

**7 p.m. Concert.** Noël Prince, mezzo soprano; Elizabeth Macdonald, cellist; Hugh Macdonald, pianist; Seth Carlin, pianist; and members of the Saint Louis Symphony Orchestra. Whitaker Hall Aud. 935-4841.

## On Stage

### Friday, Oct. 13

**8 p.m. OVATIONS! Series.** *Life: A Guide for the Perplexed.* The Flying Karamazov Brothers. (Also 8 p.m. Oct. 14.) Cost: \$30; \$25 for seniors, WUSTL faculty & staff; \$18 for students & children. Edison Theatre. 935-6543.

### Saturday, Oct. 14

**11 a.m. ovations! for young people Series.** The Flying Karamazov Brothers. Cost: \$8. Edison Theatre. 935-6543.

### Tuesday, Oct. 24

**7 p.m. School of Medicine Presentation.**

## Pulitzer Prize-winning author Millhauser to read

Pulitzer Prize-winning fiction writer Steven Millhauser, the visiting Fannie Hurst Professor of Creative Literature in The Writing Program in Arts & Sciences, will read from his work at 8 p.m. Thursday, Oct. 12.

In addition, Millhauser will speak on the craft of fiction at 8 p.m. Thursday, Oct. 19.

Both talks, which are part of the program's fall reading series, are free and open to the public and will take place in Duncker Hall's Hurst Lounge.

Millhauser is the author of 10 novels and story collections, including *Martin Dressler*, *The Tale of an*

*American Dreamer*, which won the Pulitzer Prize for fiction in 1997. *The Illusionist*, a 2006 film directed by Neil Burger and starring Edward Norton and Paul Giamatti, is based on his short story "Eisenheim the Illusionist."

Other books include *Edwin Mullhouse* (1972), *In the Penny Arcade* (1986), *The Barnum Museum* (1990) and *The Knife Thrower and Other Stories* (1998).

Millhauser teaches at Skidmore College in Saratoga Springs, N.Y.

For more information, call 935-7130.

## Sports

### Women runners win; men's team places fifth

The women's cross country team took first place out of 29 teams, scoring 79 points at the Border Wars Oct. 7 in Edwardsville, Ill. The men placed fifth out of 30 teams with 222 points.

Junior Kate Pentak paced the Bears women with a fifth-place performance (18:10) in the 5K. Senior Beth Herndon followed close behind in sixth place (18:12), while senior Lindsay Harkema (18:31, 14th place), junior Tyler Mulkin (18:46, 20th) and junior Lisa Sudmeier (19:10, 38th) rounded out the Bears' top five finishers.

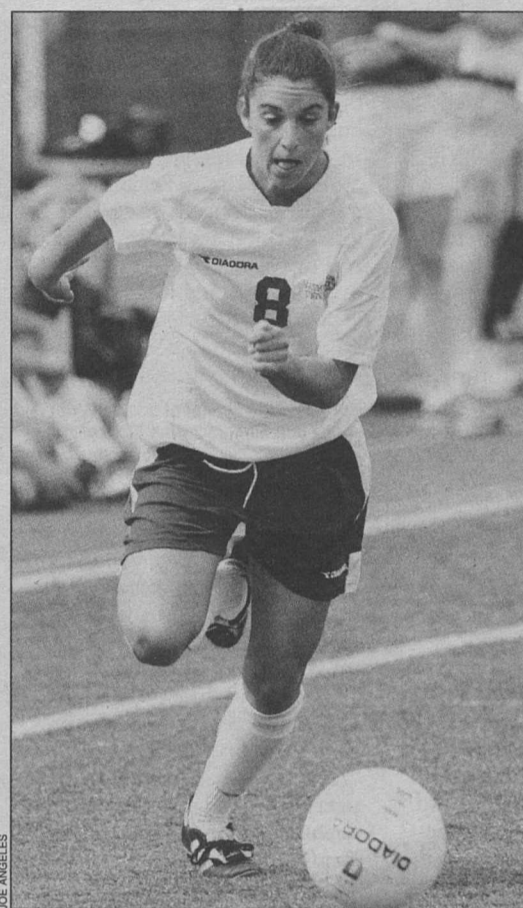
On the men's side, junior Jesse McDaniel finished the 8K run in 26:02 for 24th place.

### Women's soccer moves into first place in UAA

The No. 14 women's soccer team extended its winning streak to eight games with two victories last week.

On Oct. 2, the Bears posted a 2-0 win against Maryville University. Seniors Sara Schroeder and MeghanMarie Fowler-Finn scored for the Bears in the second half. The goal for Schroeder was the 15th of her career, and it also marked her seventh game-winning goal of her career, the sixth most in school history.

On Oct. 8, freshman Caryn Rosoff recorded a hat trick to lead the Bears to a 3-1 win at Carnegie Mellon University in Pittsburgh. The win moved WUSTL into sole possession of first place in the UAA with a 2-0 record. Goalkeeper Carrie Sear picked up her eighth



**Freshman Caryn Rosoff has helped lead the women's soccer team to eight straight wins and a No. 14 national ranking.**

straight win to improve to 10-2.

### Football tops LaGrange, 31-21, for third win

Senior DaRonne Jenkins ran for a career-high 152 yards on 23 carries and two touchdowns to lead the football team to a 31-21 victory at LaGrange College Oct. 7 in LaGrange, Ga. Jenkins also eclipsed 1,000 yards for his career (1,036) in the win.

WUSTL, which snapped a three-game losing streak, improved its record to 3-3, while LaGrange dropped to 0-6 in its inaugural season of football. WUSTL totaled a season-high 454 yards of total offense, including a season-best 204 on the ground. The Bears defense, which entered the game 26th in Division III in rushing defense, held LaGrange to two yards rushing on 25 carries. Overall, LaGrange finished with 192 yards of total offense.

Senior Pat McCarthy threw for season-high 222 yards and two touchdowns on 15-of-25 passing. He also rushed for a career-best 49 yards on seven carries.

### No. 2 volleyball team wins Bears Classic

The No. 2 volleyball team won all four of its matches to win the Bears Classic Oct. 6-7 at the WUSTL Field House.

On Oct. 6, the Bears took Game 1 against Principia College, 30-19, but the Panthers responded with a 30-25 win in the second frame to tie the match. WUSTL used strong serving to regain the momentum in the third stanza, recording five service aces in the first half of a 30-18 win. In the fourth, WUSTL prevailed 30-17.

Baldwin-Wallace College trailed much of Game 1 vs. WUSTL, but took a 25-24 lead to force a Bears timeout. WUSTL responded, though, with a 3-1 run, capped off by sophomore Audra

Janak's second setter dump of the game; she finished with seven kills in the match. The Bears went on to a 30-27 win in the first game, and added 30-17 and 30-22 victories to close out the match.

On Oct. 7, WUSTL took the first game against Fontbonne University, 30-18. In the second frame, the Bears held a narrow 17-16 lead before closing out the game on a 13-2 run. In the third stanza, WUSTL prevailed 30-16.

The Bears defeated Augustana 30-18, 30-25, 30-25 behind a balanced attack. Sophomore right side attacker Nikki Morrison paced the Red and Green with 10 kills, while junior outside hitter Haleigh Spencer contributed eight kills.

### Swimming, diving shines at showdown

The men's and women's swimming and diving teams turned in some strong performances Oct. 7 at the Show-Me-Showdown in Columbia, Mo. The Bears women placed third (263 points) out of five teams from the state of Missouri, while the men took fifth (194).

On the women's side, junior Tina Deneweth notched a season-best time of 1:00.26 in the 100-yard butterfly for sixth place. Senior Kelly MacArthur clocked a time of 1:11.45 for fifth place in the 100 breaststroke, while sophomore Kelly Kono took seventh in the 200 freestyle (1:57.62).

Sophomore Kevin Leckey paced the Bears men. He took ninth in the 100-yard IM (55.36), and added a 12th-place finish in the 200 freestyle (1:46.86). Freshman Dan Artega posted a season-best time of 54.68 seconds in the 100 butterfly.

### Men's soccer team posts 1-1 week

The men's soccer team went 1-1 last week.

The Bears defeated Maryville University, 6-0, Oct. 2 at Francis Field. Junior Marshall Plow netted the first two goals for the Bears. Plow scored on a pair of headers midway through the first half. He was assisted on both goals by freshman Ryan Grandin, who added a goal of his own at the 39:42 mark to finish with four points — the first points of his career — for the match. WUSTL outshot Maryville (5-7) 13-1 in the opening half.

WUSTL then dropped a 1-0 decision at Carnegie Mellon University Oct. 8 in Pittsburgh. The Red and Green are 6-3-1 overall and 0-2-0 in conference play.

## Fossil remains show the merging of Neandertals, modern humans

BY NEIL SCHOENHERR

The early modern human remains from the Pesteria Muierii (Cave of the Old Woman), Romania, which were discovered in 1952, have been poorly dated and largely ignored.

But recently, a team of researchers from the Anthropological and Archaeological Institutes in Bucharest, Romania, and from WUSTL has been able to directly date the fossils to 30,000 years ago. The fossils prove that a strict population replacement of the Neandertals did not happen.

"What these fossils show is that these earliest modern humans had a mosaic of distinctly modern human characteristics and other characteristics which align them with Neandertals, suggesting some combination of modern humans dispersing into Europe and interacting with and absorbing the Neandertal population," said Erik Trinkaus, Ph.D., the Mary Tileston Hemenway Professor of physical anthropology in Arts & Sciences.

"These fossils have the poten-

tial to shed light on several issues regarding early modern Europeans."

The team's research will appear online in the *Proceedings of the National Academy of Sciences*.

The human remains from the Pesteria Muierii present a basically modern human-derived pattern, which is evident in discrete traits and metric aspects throughout the sample. It therefore joins the sample of human remains from the sites of Pesteria cu Oase and Pesteria Cioclovina in southeastern Europe, Mlade in Central Europe, and Brassempouy, La Quina Aval and Les Rois in western Europe in filling out the anatomy of the earliest of modern humans in Europe.

Yet, as with many of these other Early Upper Paleolithic modern Europeans, the Muierii fossils exhibit a number of archaic and/or Neandertal features.

These data reinforce the mosaic nature of these early modern Europeans and the complex dynamics of human reproductive patterns when modern humans moved westward across Europe.

## School

### Curriculum reflects evolving mediums

— from Page 1

also include 25 workstations, research studios to accommodate sound and video production and technical and faculty offices, the latter allotted by application and designed to support digital-intensive projects.

"Fifteen years ago media centers were conceived as static, classroom-style environments," said Peter MacKeith, associate dean of the Sam Fox School and associate professor of architecture, who oversees the Whitaker lab. "Today things are very different. Most studios arrive on campus with laptop computers. Thanks to wireless technology, instruction in many softwares is actually better accomplished in the individual studio."

"The media center is now more akin to a research lab," MacKeith continued. "We have dramatically expanded server capacity and shifted away from stand-alone dual-processing machines in favor of what is called a 'render farm,' which distributes large, labor-intensive projects amongst a powerful computer cluster. 'Students can develop basic frameworks in the studio then upload them to the render farm for heavy number crunching.'"

### A critical perspective

In September, the Whitaker lab launched a series of one-credit, weekend-long workshops on new media. The first of these, which included both art and architecture students, was led by Marcos Novak, an influential theorist and designer. Subsequent workshops will feature Christiane Paul, curator for new media at the Whitney Museum of American Art in New York, and Winy Maas, co-founder of MVRDV Architects in Rotterdam, the Netherlands.

"The media lab is not only about gaining facility with new tools, techniques and methodologies," MacKeith pointed out. "It's about stepping back, observing what is being produced and developing the critical perspective and critical language with which to evaluate it."

Sung Ho Kim, assistant professor of architecture, often works at the intersection of emerging technology and design

practice. One ongoing studio, which includes students from architecture, engineering and computer science, involves developing a prototype "moveable wall" that twists and bends to the movements of one's hand.

Kim, who directs the digital media and design curriculum, noted that artists are classic "early adopters," frequently pioneering — and popularizing — new uses for existing technologies.

"Technology is always advancing; that's just a fact," he said. "But usage often lags behind. Most people become the victim of technology. They just do what the software allows them to do."

"We want students to develop the analytical ability to deploy technology in new and unexpected ways."

Other studios are incorporating new technology alongside traditional equipment. The Nancy Spirtas Kranzberg Studio for the Illustrated Book — which recently relocated from West Campus to the Sam Fox School's new Earl E. and Myrtle E. Walker Hall — houses paper cutters, letterpresses, etching presses and a large collection of movable type. It also includes computer stations and a high-tech photopolymer platemaker.

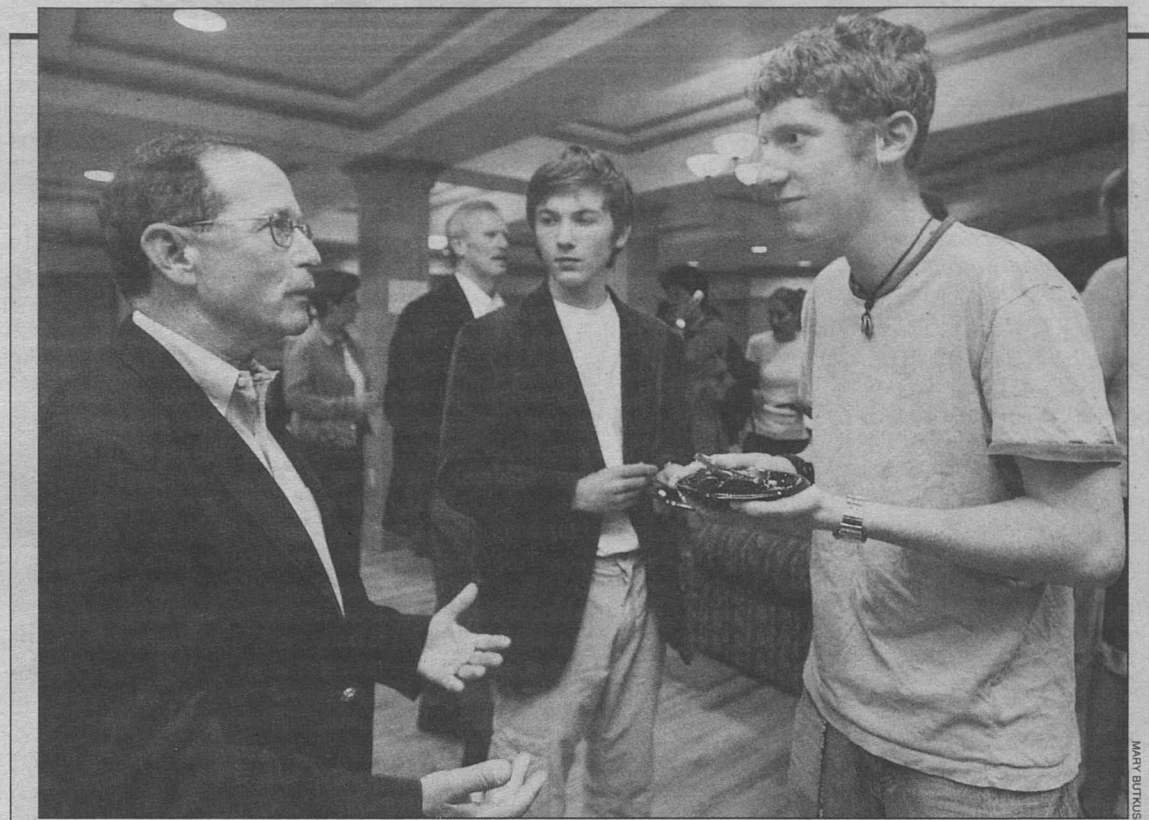
"The computer functions as a kind of type foundry," explained director Ken Botnick. "Whatever you can make in a computer, we can output to film and expose to a photopolymer relief plate, which can then be printed on the letterpress."

"In a couple of hours you go from current technology to a 500-year-old technology."

The Kranzberg studio is also home to the first dedicated Sam Fox School course, "Urban Books: Imag(in)ing St. Louis." Now in its third year, "Urban Books" is co-taught by Zeuler Lima, Ph.D., assistant professor of architecture, and Jana Harper, lecturer in book arts. Students — representing virtually all Sam Fox School areas as well as Arts & Sciences — explore the modern city and its dizzying tangle of geography, history, cultures and infrastructure through the medium of fine art bookmaking.

"The studio offers a very rich tutorial environment," said Jeff Pike, dean of Art. "Students listen and take notes but they also have to process information and make something with it. That's a very different way of working, and a very effective way of teaching."

This semester marks the



**Welcome home** Sophomore Scott Fabricant (right) chats with alumnus Nathan Dardick while freshman Jean-Charles Foyer looks on during an Oct. 4 dessert reception for all residents of Nathan Dardick House in the South 40. It was the first time Dardick had met many of the students living in the recently named Nathan Dardick House, which is located at the intersection of Big Bend Boulevard and Shepley Drive. Along with Nemerov House, it makes up the Wayman Crow Residential College.

debut of a new collaborative course, "Studio/Seminar: History and Practice of Printmaking." Led by Lisa Bulawsky, associate professor of printmaking in the College of Art, and Elizabeth Childs, Ph.D., associate professor of art history & archaeology in Arts & Sciences, it merges scholarly lectures and study with hands-on research in three printmaking media: woodcut, intaglio and lithography.

### 'Amazing dexterity'

"Art students often find a disconnection between their work in the studio and the lineage and continuum of their medium," Bulawsky said. "Art history students are often disconnected from the actual object, its maker and its making. This course allows both to see the bigger picture. So far they're handling it with amazing dexterity and creativity."

In conjunction with the class, Bulawsky and Childs have curated an exhibition for the Kemper Art Museum's Teaching Gallery. "Pressing Issues: The Cultural Agency of Prints" opens Oct. 25 and includes roughly 30 works — drawn from the Kemper Art Museum, Olin Library and the Saint Louis Art Museum — spanning the history of the medium. Artists range from Martin Schongauer and Rembrandt van Rijn to Francisco Goya, Honoré Daumier, Kathe Kollwitz, Andy Warhol and Sue Coe.

"We're looking at the political, cultural and satirical edge of printmaking," Childs explained. "Because of their multiplicity and ease of circulation, prints can build community sentiment, shape public debate or critique a more hegemonic set of values."

Early examples demonstrate the print's role in circulating imagery, particularly religious imagery, prior to photography. Moving into the modern age, the curators juxtapose socially engaged critiques such as William Hogarth's *Harlot's Progress* (1732) and Hung Liu's *Trademark* (1992) — which, though created two centuries apart, both address the exploitation of women by prostitution.

Meanwhile, Coe's *Thank You America* (1991) — published (like *Trademark*) by the Sam Fox School's Island Press — addresses the theatrics of contemporary politics by rendering Anita Hill's questioning before Congress as a modern-day Salem witch trial.

"For their final project, students will write a research paper evaluating one print from the

Kemper exhibition, then conceive an original work that somehow engages it both thematically and technically," Childs noted. "In the final critique they'll present their project in the museum space, next to the print that inspired it."

"For me — and I think for Lisa too — what's thrilling about this course is that it brings a very fresh perspective to each of our respective fields," Childs continued. "For

students, we hope it makes the objects they study come alive."

"Moving between the studio, the classroom and the museum invites them to think not only more critically about their own work, but also about the relationship of contemporary practice to the larger history of printmaking," she concluded.

"It's an evolving and dynamic medium."

## Benefits

Employees must enroll by Nov. 30  
— from Page 1

Due to the introduction of new plans, savings accounts and plan features — and the importance of making the best decision for employees and their families — there will be 26 employee informational meetings on the total open enrollment and four employee informational meetings on the Health Savings Account (HSA) only.

The meeting schedule will be included in the open enrollment brochure as an insert and may be found on the human resources Web site starting Oct. 16, at [hr.wustl.edu](http://hr.wustl.edu).

"Because the open enrollment period is the only time during the year that employees may enroll in the flex spending plans, the HSA and the RMSA,

we strongly encourage them to read their brochure, review the helpful information on our Web site, attend one of the employee meetings and return the enrollment paperwork before the Nov. 30 deadline," said Thomas W. Lauman, director of benefits in the Office of Human Resources.

The scheduled one-hour meetings during the first week of open enrollment are as follows:

**Danforth Campus:**  
Tues., Oct. 17, 10 a.m.,  
Lopata Hall, Room 101  
Wed., Oct. 18, 9 a.m.,  
Whitaker Hall Auditorium  
Wed., Oct. 18, 12:30 p.m.,  
Simon Hall, May Auditorium  
Thurs., Oct. 19, 1:30 p.m.,  
Anheuser-Busch Hall, Room 204

**Medical Campus:**  
Tues., Oct. 17, 1:30 p.m.,  
Farrell Learning & Teaching Center, Connor Auditorium  
Thurs., Oct. 19, 9:30 a.m.,  
McDonnell Medical Sciences Building, Cori Auditorium

## NSF

Teachers learn from top WUSTL researchers  
— from Page 1

the subsequent two academic years through online courses. On years preceding and following institute summers, participants will be required to keep in touch via online communities.

The teachers will learn from top life science researchers at WUSTL and enhance the science departments in their schools and gain nationwide contacts with colleagues who are working to strengthen biology education.

Partnering with WUSTL in the institute are the St. Louis Public Schools, Monsanto Co., Pfizer Inc., the Missouri Botani-

cal Garden and the Donald Danforth Plant Science Center.

There will be opportunities for science research at leading industries and universities nationwide, as well as the ability to keep in touch with colleagues, developing papers and conference proposals.

"Participating teachers will develop leadership skills that will facilitate sharing the latest information about life sciences education at the district, local and national levels," said May, who oversees numerous outreach projects and programs with area science teachers. "Because NSF funds the institute, the opportunity is available at no cost to teachers."

Institute faculty are all members of the University's Department of Biology in Arts & Sciences and the Division of Biology and Biomedical Sciences at the School of Medicine.

# Notables

## Introducing new faculty members

The following are among the new faculty members at the University. Others will be introduced periodically in this space.

**Patricia L. Kohl**, Ph.D., joins the George Warren Brown School of Social Work as assistant professor. Kohl earned a doctorate from the University of North Carolina, where she also served as a research assistant for the National Survey of Child and Adolescent Well-being. Her past positions include clinical director at Children's Place Inc. and mental health counselor at Aiken-Barnwell Mental Health Center, both located in Aiken, S.C. A consulting editor for the journal *Social Work*, Kohl studies the link between child welfare and domestic violence, and safety from repeated neglect and abuse.

**Ramesh Raghavan**, M.D., Ph.D., serves as assistant professor in both the George Warren Brown School of Social Work and the Department of Psychiatry in the School of Medicine. He earned a medical degree from Stanley Medical College, Madras, India, and completed a psychiatric residency at the Kasturba Medical College Hospital, Manipal, India. He received fellowship training in pediatric pain at the University of California, Los Angeles, where he earned a doctorate in health policy. Raghavan previously worked as policy core director at the UCLA-Duke University National Center for Child Traumatic Stress. His research centers on policies that promote access to, and raise the standards of, mental health services for children in the child welfare system.

**Matt Gabel**, Ph.D., joins the Department of Political Science in Arts & Sciences as associate professor. He earned a doctorate in political science from the University of Rochester in 1994. He also completed a master's degree in advanced European studies at the College of Europe in Brugge, Belgium. He spent 1996-98 at the University of Michigan as a Robert Wood Johnson Foundation Scholar in Health Policy Research. His research interests include the political economy of European integration, the political consequences of electoral laws, comparative democratic processes and American health policy. He is associate editor of the *Journal of European Union Politics*.

**Melanie Springer** joins the Department of Political Science as assistant professor. She earned a doctorate in political science from Columbia University in 2006. She specializes in American politics and quantitative methods. Her teaching and research interests include voting and elections, political institutions, state politics and policymaking, American political development, Congress and political parties.

**Robert Walker**, Ph.D., joins the Department of Political Science and the Program in Applied Statistics and Computation as assistant professor. He earned a doctorate in political science from the University of Rochester in 2005. His research interests are political methodology (interdependent choice and path dependence), international relations (international political economy and international human rights) and political economy.

## Former astronauts launch next generation of explorers

By TONY FITZPATRICK

Andrew B. Newman, a senior mathematics and physics dual major in Arts & Sciences is one of 18 undergraduate students selected nationwide by NASA astronauts to receive a \$10,000 scholarship through the Astronaut Scholarship Foundation (ASF).

Newman, who will graduate in 2007, worked for two summers and during his sophomore year in the laboratory of Kenneth Kelson, Ph.D., the Arthur Holly Compton Professor of physics in Arts & Sciences. The project was probing nucleation in amorphous and nanocrystalline metal alloys using a custom device that sensitively measures changes in electrical resistance. His four-year adviser is Patrick Gibbons, Ph.D., professor of physics.

Recently, Newman, from Muscle Shoals, Ala., worked in Chile and at Columbia University thanks to the National Science Foundation-sponsored program Research Experiences for Undergraduates.

In Chile, working with Armin Rest, Ph.D.,

at Cerro Tololo Inter-American Observatory, he studied light echoes from supernova 1987A that resulted in high-quality, detailed images of new light echo features.

At Columbia University, with Stefan Westerhoff, Ph.D., Newman contributed to a project that is part of a large international collaboration, which is building the Pierre Auger Observatory in Argentina. This observatory is designed to measure the spectrum of the highest energy cosmic rays. The source of these particles and the mechanism by which they are accelerated to such extremely high energies is unknown.

Newman worked on measuring atmospheric properties to properly interpret the data recorded by the observatory's air fluorescence detectors, which image the tracks left by particle showers induced in the atmosphere by incident cosmic rays.

"After graduation I'm planning to study astrophysics," Newman said. "It certainly is an honor to have my work recognized among so many great projects here at Washington Uni-

versity."

A team of 60 astronauts chose students who exhibited exceptional performance in the science or engineering field of their major. The recipients were then notified of their scholarship for the 2006-07 year by receiving a personal letter from the astronauts.

"Our goal is to inspire renewed interest in science and engineering careers here in the United States," said Al Worden, Astronaut Scholarship Foundation chair and Apollo 15 astronaut. "We are committed to encouraging the next generation of explorers. Our nation is strongest when we lead the world in innovation and invention."

Scholarship candidates are nominated by faculty members and reviewed by a board at 18 cooperating educational institutions. Two nominees from each school are submitted to the foundation's committee. The selections are presented to the foundation's directors for final approval. The ASF has awarded more than \$2.3 million in scholarships to 211 students nationwide since 1985.

## For the Record

### Of note

**Junjie Chen**, Ph.D., staff scientist, has received a two-year, \$143,000 grant from the American Heart Association for research titled "Phenotypic Characterization of Cardiomyopathy in Dystrophic Mice Using Diffusion Tensor MRI." ...

**Tillmann Cyrus**, M.D., senior scientist, has received a two-year, \$143,000 grant from the American Heart Association for research titled "Three-dimensional Molecular Imaging of Intratumoral Biomarkers With Targeted Nanoparticles." ...

**Craig Glaiberman**, M.D., instructor in radiology, has received a two-year, \$121,000 grant from the Barnes-Jewish Hospital Foundation for research titled "Simulation: A Novel Method to Objectively Assess Interventional Skill Sets." ...

**Thomas Conturo**, M.D., Ph.D., associate professor of radiology, has received a one-year, \$120,482 grant from the University of Pittsburgh/Nancy Lurie Marks Family Foundation for research titled "Diffusion Tensor Tracking of Connectivity Abnormalities in Autism." ...

**Amir Amini**, Ph.D., associate professor of medicine, has received a one-year, \$110,000 grant from the Barnes-Jewish Hospital Foundation for research titled "Non-Invasive Measurement of Intravascular Pressures From MRI." ...

**Bernard Camins**, M.D., instructor in medicine, has received a one-year, \$110,000 grant from the Barnes-Jewish Hospital Foundation for research titled "Reducing Catheter-Related Bloodstream Infections in the ICU With a Chlorhexidine-impregnated Sponge (Biopatch TM)." ...

**Sandor Kovacs**, M.D., associate professor of medicine, has received a one-year, \$110,000 grant from the Barnes-Jewish Hospital Foundation for research titled "Real-time, Pressure Volume-based Assessment of Cardiac Function." ...

**Michael S. Hughes**, Ph.D., research associate professor of medicine, has received a one-year, \$109,537 grant from the Barnes-Jewish Hospital Foundation for research titled "Quantitative Ultrasonic Tissue Characterization of the Heart and Muscular Dystrophy." ...

**Joel Perlmutter**, M.D., professor of neurology, has received a one-year, \$88,000 grant from



**Flower power** At its annual meeting in Chiang Mai, Thailand, in June 2006, the Society for Economic Botany honored Memory Elvin-Lewis, Ph.D., and Walter H. Lewis, Ph.D., "in recognition of outstanding achievement, research and service to the field of economic botany." This was the first time that two scientists have been simultaneously honored. Elvin-Lewis is professor of biomedicine in microbiology and ethnobotany and has been at the University since 1967, and Lewis, professor emeritus of biology and senior botanist, Missouri Botanical Garden, has been associated with both institutions since 1964. Their research focusing on medical and dental botany has spanned over three decades largely in Amazonia and West Africa. Both remain active in the society, and Lewis served as president in 1990.

the Barnes-Jewish Hospital Foundation for the Handelman Fund-Cryostat. ...

**John Rice**, Ph.D., professor of mathematics in psychiatry, has received a one-year, \$71,223 grant from the University of Michigan/National Institute on Drug Abuse for research titled "Candidate Genes for Smoking in Related and Unrelated Individuals." ...

**Keith Woeltje**, M.D., Ph.D., associate professor of medicine, has received a one-year, \$49,909 grant from the Barnes-Jewish Hospital Foundation for research titled "Improved Surveillance for Catheter-associated Bloodstream Infections." ...

**Anne Cross**, M.D., professor of neurology, has received a one-year, \$44,000 grant from the National Multiple Sclerosis Society for research titled "Restoring Glutamate Homeostasis in EAE." ...

**Robert Mecham**, Ph.D., Alumni Endowed Professor of Cell Biology and Physiology, has received a one-year, \$28,770 grant from the Barnes-Jewish Hospital Foundation for the "Establishment of a Dynamic Microscopy Imaging Facility." ...

**Kerry Kornfeld**, M.D., Ph.D., associate professor of molecular biology and pharmacology, has received a one-year, \$24,000 grant

from the Longer Life Foundation for researching the effect of two candidate drugs on delay of aging and extension of the lifespan of mice.

## Obituary

**C** Ronald Stephen, who retired as chair of the Department of Anesthesiology at the School of Medicine in 1980, died Friday, Oct. 6, 2006, at St. Luke's Hospital in Chesterfield, Mo., of complications from a recent heart attack. He was 90.

## Campus Watch

The following incidents were reported to University Police Oct. 4-10. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at [police.wustl.edu](http://police.wustl.edu).

### Crime alert

University Police released the following crime alert Oct. 10:

A subject was observed loitering in the 6600 block of Washington Avenue in University City and attempted to gain entry into the laundry room of a University-owned property by banging on the basement door.

The subject was wearing a maintenance-style work shirt. A WUSTL student observed the subject but would not allow him to enter the building. The subject left the area prior to the arrival of law enforcement officers.

The subject is described as a Caucasian male, heavy build, 45-50 years old, "scruffy" facial hair and unkempt appearance.

University Police recommends taking the following precautions:

Report suspicious persons or activity immediately to the

University City police at 911 or go to the nearest emergency telephone. Washington University/Quadrangle maintenance personnel wear distinctive uniforms and will provide photo identification upon demand.

Lock your apartment door, even when you are home and lock the windows to your apartment. If you have a sliding glass door, secure it further by placing a piece of wood in the track to prevent it from opening; never prop open exterior doors or gates. If you see a door propped, close it; don't allow people you do not know to "tailgate" behind you into the building; don't allow anyone you do not know access to your building or apartment.

### Oct. 4

3:40 p.m. — Audio equipment was reported as missing/stolen during a move by WUTV from Prince Hall to Mallinckrodt Student Center.

### Oct. 7

8:35 p.m. — While on patrol, an officer observed a subject crawling out of the window on the north side of Earl E. and Myrtle E. Walker Hall. An investigation revealed 10 other subjects in the building. The case has been referred to the judicial administrator.

### Oct. 9

7:42 a.m. — A person reported that he parked his vehicle in front of Givens Hall at 8:30 p.m. Oct. 8, and when he returned to his vehicle at 7:40 a.m. Oct. 9, he discovered his vehicle had been stolen. St. Louis City Police later recovered the stolen vehicle.

University Police also responded to two false fire alarms and one report each of auto accident, lost article, harassment, arrest, drug offense and property damage.



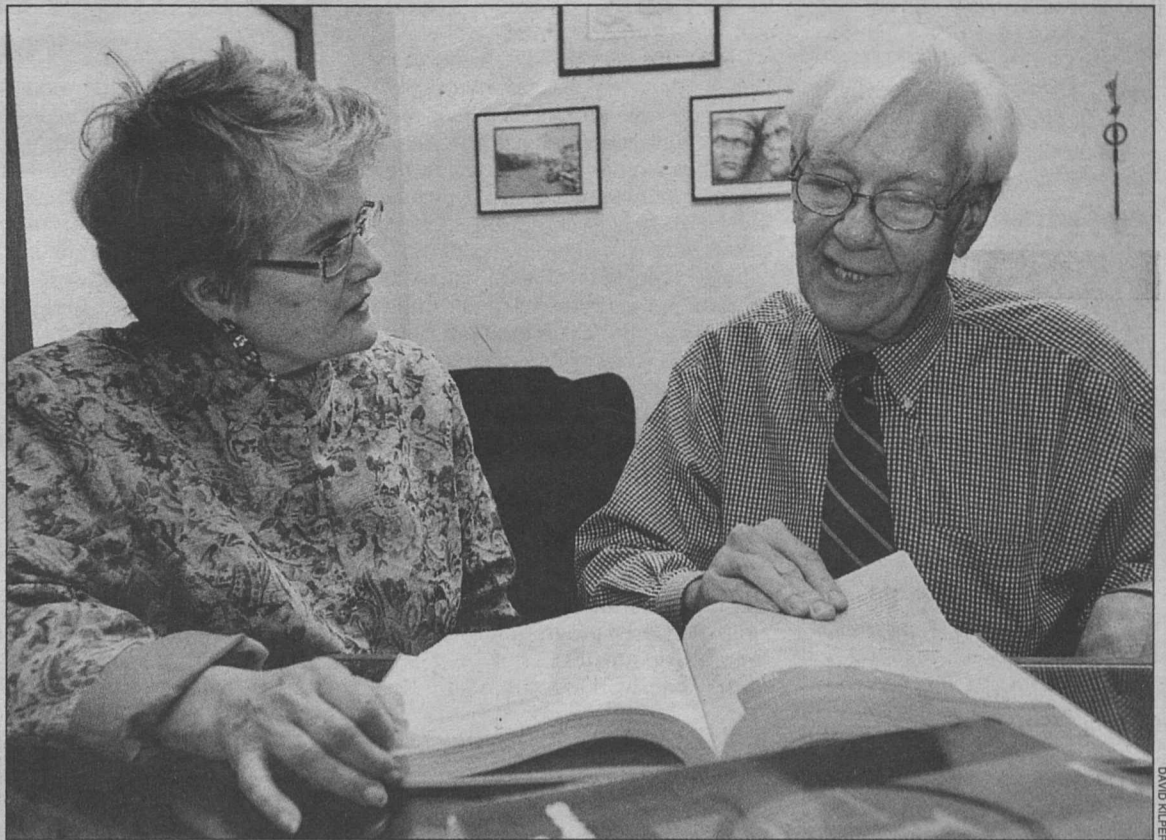
## Washington People

It's very difficult to see another country from St. Louis. Even if you stood on top of the Arch and looked around, you'd still see more United States. For Jim Little, St. Louis' landlocked locale makes him all the more pleased with the work he has done to establish the University's presence in Shanghai, China.

"I think it's been one of the best things the school has ever done," says Little, Ph.D., professor of finance and economics at the Olin School of Business. "And I don't mean to be insulting to St. Louis, but it's all the more impressive because we're here in the middle of the country. Running the Executive M.B.A. program in China is something you'd expect from a West Coast school — a place a little closer to China."

Little, who has been at the University since 1971, said it was almost accidental that he ended up developing Olin's E.M.B.A.-Shanghai program. In 1984, he had been invited to teach a program to senior Chinese managers about strategy. After 10 weeks in the country, Little was hooked.

"It was an extraordinary time



Jim Little talks with Judi McLean Parks, Ph.D., the Taylor Professor of Organizational Behavior in the Olin School. "He's an incredibly thoughtful listener, very supportive," says colleague Pam Wiese. "He really processes what you tell him and what he observes, and then he gives reasoned advice."

BY SHULA NEUMAN

## Going global for the local school

Olin School's James Little is instrumental in expanding degree programs overseas

to be there because it was still fairly soon after Mao's reign," Little says. "Even though China was starting to open up, it went very slowly. The government was reluctant to go full-bore on any capitalist ventures. Western companies started to go to China, but they were running around with very little effect.

"There was nothing really established there yet. And I became intrigued because it was one of those things where I never expected in my life to be standing on the Great Wall of China, and there I was doing it!"

Years later, Little had the opportunity to increase his connection with China. The dean of the business school at the time, Stuart I. Greenbaum, Ph.D., had initiated an E.M.B.A. program in Shanghai at Fudan University. Greenbaum turned to Little for help in directing the program.

Little likes to joke that he was selected to help run E.M.B.A.-Shanghai because he's a "foreigner," if you consider a Canadian foreign. More likely, however, Little was singled out because he already had experience strengthening Olin's presence abroad.

For 15 years, Little ran the school's London internship program, which he had developed with Gary Hochberg, Ph.D., associate dean of undergraduate programs.

"I would spend a month-and-a-half at a time in London. So, of course I had to learn about all of Europe as well. Once I start, there's just more I want to know," Little says.

He ended up applying his growing understanding about foreign countries to his work as an economist. After all, he said, international economics is about economic activities between countries.

But international business is a different beast.

"If you think about international business, you really have to start digging in at the institutional level — not just formal institutions like government and universities, but also things like property rights and national culture," Little says. "It starts taking you very far a field from what you've started out to do. International business is much dirtier and fuzzier than international economics."

Little's excursions into the global marketplace may seem a far cry from his academic interests when he joined WUSTL 35 years ago. He had just completed a doctorate at the University of Minnesota and accepted a joint appointment in economics and urban studies. Twelve years later, Little was offered a position at the business school.

While it might seem incongruous that for an urban studies scholar to wind up in the business school, Little insists it makes perfect sense. It all has to do with his interest in human behavior and his love of math.

"Economics brings together those strands. I had an interest in trying to understand why and how people behave the way they do. Ultimately, it is a social science, even though we do it by writing symbols on a blackboard," Little says. "In the mid-'80s, business schools were actively recruiting economists. I was enthusiastic about the idea of joining a business school because you get much closer to the behavior you're thinking about. You have to get down and get dirt under your fingernails about how consumers behave. The business school gave me a direct pipeline to observing those interactions."

Deciding to make the jump to business was facilitated by Little's frustration with the relative lack of impact his urban studies research had on policy. Little studied the ef-

fects of race and discrimination on the housing market. He wanted to connect the behavior he observed to public planning, but not everyone was on the same page.

"Policy makers are uninterested in the way the world works; they were much more interested in the way they wanted to perceive the world for political purposes," Little says.

Little didn't confine his wisdom to the halls of academia. He spent several years on the urban planning board and on the development commission in University City, the city he has called home since he moved to Missouri. The commission existed to oversee the rehabilitation of The Loop, which had been specially zoned redevelopment. Little says it is gratifying to see how far The Loop has progressed even though his role was rather limited.

"We on the commission can take no responsibility for The Loop's progress. It was really Joe Edwards, owner of Blueberry Hill, who deserves the credit," Little says. "All we did was say, 'You go, Joe.' And he did just that."

Little's involvement with University City reflects his abiding interest in reaching beyond the academic world and learning as much as he can about everything.

The overseas programs in London and Shanghai give him more opportunities to scratch that intellectual itch as well as indulge in his thorough enjoyment of teaching.

E.M.B.A. student Steve Kidwell has firsthand knowledge of Little's talents both as a teacher and adviser.

"My first impression of him as an academic adviser was that he had a very strong commitment to my class getting as much out of the E.M.B.A. experience as possible," Kidwell says. "He saw opportunities to enhance interaction with Chinese E.M.B.A. students both in Shanghai and St. Louis, and worked with the faculty to adjust our class schedule to make it happen."

On a personal level, Little is just as generous, Kidwell said.

Upon learning that Kidwell and his wife are going to Banff, Canada, to celebrate their 25th wedding anniversary in 2008, Little offered the "perfect bed and breakfast and even a particular room we should stay in. He said he'd get the information together so we'll have it when we go. I think it's very thoughtful for him to bother to make that connection," Kidwell says.

Little acknowledges that spending time with students brings him tremendous satisfaction. It sounds cheesy, he said, but teaching is downright fun.

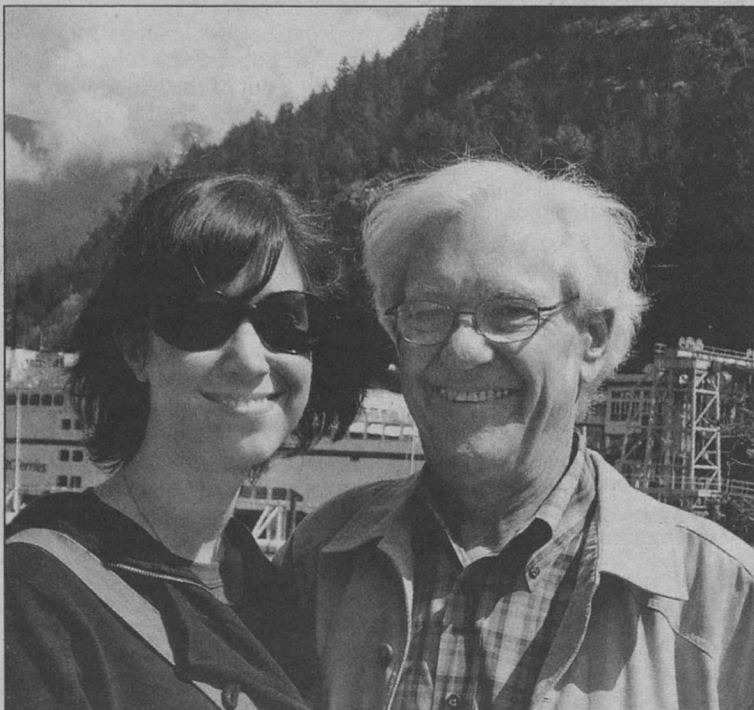
"I am teaching the first undergraduate course I've taught in a long time. The other day I gave them their first problem set," he says. "Some of them came to my office to ask questions. It was really fun to watch them — to watch their faces as they figured it out. I could see them thinking, 'Oh, I can figure this out for myself now,' and it's that whole interactive part of teaching that is really fun."

"Jim spends a huge amount of time with the students," says Pam Wiese, senior administrator for strategic initiatives. "He stays in contact with them from the time they arrive on campus and long into the future when they are alumni. He really uses his knowledge of the students to do what he can to help them personally and professionally."

In describing Little, Wiese repeatedly says he is "thoughtful," and "amazing." She doesn't mean to gush, Wiese explains, but she is one of Little's biggest fans — which is saying a lot considering his fan club is quite large.

"For someone who has so many friendships, he's almost shy," Wiese says. "We knew each other a long time before he began to talk about anything really personal, like his daughter, Elizabeth."

"He's an incredibly thoughtful listener, very supportive. He really processes what you tell him and what he observes, and then he gives reasoned advice. That's one of the many things that makes him such a valued member of this community."



Jim Little and his daughter, Elizabeth, on vacation at Horseshoe Bay, British Columbia.

### James Little

**Birthdate:** March 30, 1944

**Family:** Daughter, Elizabeth, 25, a literary agent in New York City.

**Birthplace:** Trail, British Columbia — the same town that 20 years later reared his colleague, Jeroen Swinkels, Ph.D., the August A. Busch Jr. Distinguished Professor of Managerial Economics and Strategy. Both professors' fathers worked for the same company.

**Cell phone ring tone:** Miles Davis, "All Blues"

**Cell phone message tone:** Beatles, "Day Tripper"