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# Record



Washington University in St. Louis

April 10, 2008

record.wustl.edu

## Macias named provost, will step down as dean

Executive Vice Chancellor Edward S. Macias, Ph.D., dean of Arts & Sciences and the Barbara and David Thomas Distinguished Professor in Arts & Sciences, has been named provost, effective Jan. 1, 2009, Chancellor Mark S. Wrighton announced.

Macias will relinquish his duties as dean of the faculty of Arts & Sciences June 30, 2008, and will take on expanded leadership responsibilities as provost and executive vice chancellor for academic affairs following a six-month sabbatical. Macias was the last person to hold the position of provost at Washington University, from 1988 to 1995. Since that time, he has continued to maintain the duties of chief academic officer as the executive vice chancellor and dean of Arts & Sciences.

An interim dean of the faculty of Arts & Sciences will be named soon, and the University will launch a national search for a new dean, Wrighton said.

"Ed has been a visionary throughout his career as a scientist, teacher and an administrative leader," Wrighton said. "He brings great experience in this role, as he has been the guiding force behind the strengthening and broadening of Arts & Sciences at Washington University. He knows how to plan for the future, and he has a keen

ability to bring those plans to fruition.

"At this point in the history of the University, I believe it is crucial to reestablish the role of provost, and I can't think of another person as capable and as ready to assume those responsibilities as Ed. I am even more confident in our ability to accomplish our goals as a consequence of this appointment," Wrighton said.

When he becomes provost, Macias will share responsibility with the chancellor and the academic deans for the oversight of the educational and scholarly programs of the University. The provost is the chief academic officer of the University, responsible for working with the deans to enhance the quality and impact of the University's academic mission.

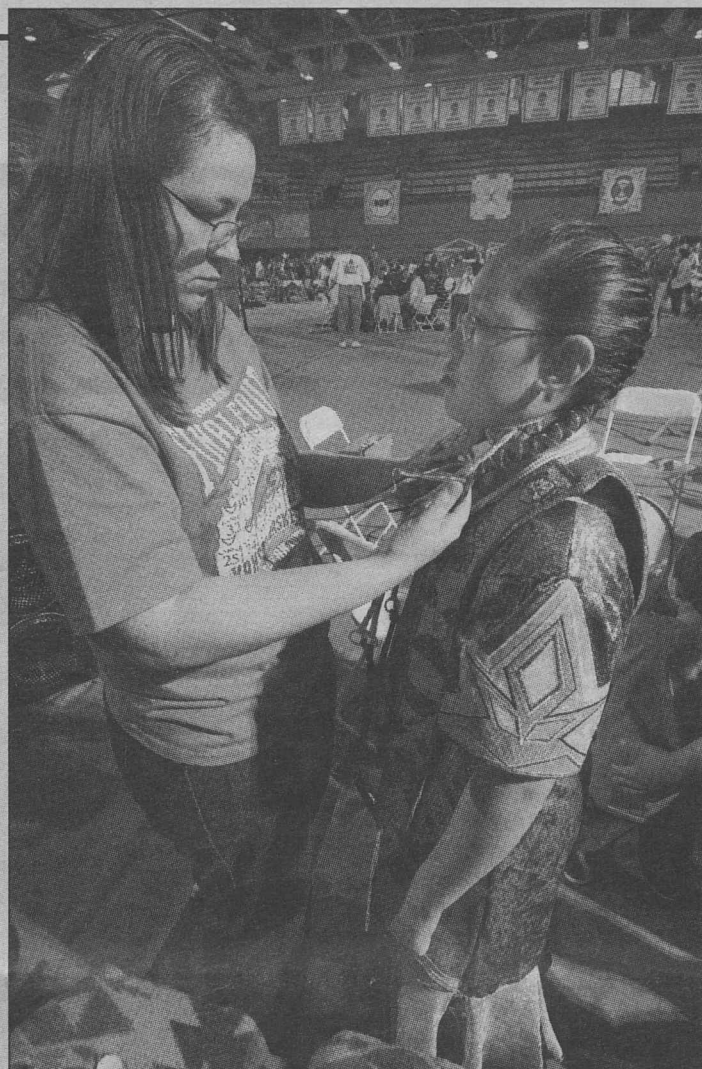
The provost, working with the executive vice chancellor for administration and the chief financial officer, also has responsibility for coordinating the budgeting and capital planning of the University.

"Ed Macias has served Washington University exceptionally well and is one of the most respected and experienced academic leaders at the University," said David W. Kemper, chairman of the Board of Trustees and chairman, president and CEO of Commerce

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Macias



Finishing touches Robin Shield (left) helps her daughter Jolona prepare for the grand entry of dancers during the 18th annual Pow Wow April 5 in the Athletic Complex. Crowds from across the Midwest experienced American Indian dancing, singing, drumming, arts, crafts and food at the Pow Wow, hosted by the Kathryn M. Buder Center for American Indian Studies at the George Warren Brown School of Social Work. This year's Pow Wow theme was "Honoring Our Native Veterans and All Those Who Serve."

## Muscle mass maintenance differs in women

By JIM DRYDEN

Women over age 65 have a harder time preserving muscle than men of the same age, which probably affects their ability to stay strong and fit, according to research conducted at the School of Medicine and at the University of Nottingham in the United Kingdom.

For the first time, scientists have shown it is more difficult for older women to replace muscle that is lost naturally because of key differences in the way their bodies process food.

"It is important to maintain muscle mass throughout life to preserve strength and to reduce the risk of falls," said Bettina Mittendorfer, Ph.D., a study co-investigator and research associate professor of medicine. "Falls are one of the major causes of premature death in elderly people. Half who suffer a serious fall will die within two years, so it is important to find ways to reduce those risks."

In a paper published March 26 in Public Library of Science (PLOS) One, Mittendorfer and colleagues in the Division of Geriatrics and Nutritional Science and at the University of Nottingham found that postmenopausal women are less able to use protein from their diets to build muscle mass. Men of the same age were able to store more dietary protein in muscle, they report.

The researchers studied 13 men and 16 women ages 65 to 80 who fasted overnight. The next day, investigators took muscle biopsies from each of the subjects and then gave them a protein drink and an intravenous infusion of amino acids labeled with tracer molecules that could easily be detected in muscle. Three hours later, the researchers took another muscle biopsy.

"When ingesting the drink, much less protein was built in the women's muscle," Mittendorfer said. "We believe hormonal changes related to menopause may be influencing this because these differences between men and women do not occur in young individuals, and it may help explain our other preliminary research findings that show postmenopausal women are less able to build muscle following resistance exercises like lifting weights."

She said the hormone estrogen is necessary to help maintain bone mass both in women and men, and it also may play a role in preserving muscle mass. Beginning at

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## Thurtene Carnival to 'create the wonder' April 12-13

By CYNTHIA GEORGES

Theatre, dance, carnival rides, dog adoptions, poetry and a capella music are just some of the attractions that will be featured at Thurtene Carnival, scheduled for 11 a.m.-8 p.m. April 12-13 on the Danforth Campus.

The annual event will be staged on the North Brookings parking lot and is expected to draw some 120,000 people from the St. Louis area.

This year's theme is "Come Together, Create the Wonder!" Sponsored by Sonic, America's

Drive-In, the event will benefit SSDN (formerly known as South Side Day Nursery), a low-income family resource and center for learning located in South St. Louis city.

The oldest and largest student-run carnival in the nation, Thurtene is presented by members of Thurtene Junior Honorary, 13 juniors who bear responsibility for the continuation of the tradition. More than 50 student organizations participate in the event.

Admission is free, though tickets must be purchased for rides

and some plays. The carnival will feature foods from barbecue and pizza to candy and ice cream.

"The Thurtene Carnival is a unique and wonderful event that has celebrated the diverse communities of Washington University and St. Louis for more than 100 years," said Matthew Beckley, public relations co-chair of Thurtene.

Beckley added that Thurtene would expand on last year's efforts to remain environmentally friendly.

"Thurtene recognizes that, along with the fun of the carni-

val, there is a responsibility to our community and environment," Beckley said. "We're expanding our offering of 'Green Thurtene,' a group of programs designed to increase sustainability and reduce the carbon footprint of the carnival."

Green programs include locally purchased supplies, recycling stations for wood and food-service waste, the use of water-based paints and tree planting.

Once again, the "Kids to the Carnival" initiative will provide buses to local schools and charities.

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## Lessons not learned from 1993 flood, geologist says

By TONY FITZPATRICK

Midwesterners have to be wondering: Will April be the cruellest month?

Patterns in the Midwest this spring are eerily reminiscent of 1993-94, back-to-back years of serious flooding.

The Great Flood of 1993 caused nearly \$20 billion in economic damage, ruining or destroying more than 50,000 homes and killing at least 38 people.

Parallels this year include abnormally high levels of precipitation in late winter and early spring and early flooding in various regions. In March, flooding occurred on the Missouri, Arkansas, Illinois and Ohio rivers; still to be seen is the effect of the snowmelt from upstream states on river systems this spring and summer. Wisconsin, for example, had record

amounts of snow this winter.

Despite the similarity in conditions and periods of flooding nearly every year after those flood years more than a decade ago, one thing Midwesterners have not learned is "geologic reality," said Robert E. Criss, Ph.D., professor of Earth and planetary sciences in Arts & Sciences.

"When people build commercial or residential real estate in floodplains, when they build on sinkholes, when they build on fault lines, when they build on the hillsides in L.A. that are going to burn and burn, over and over again, they're ignoring geologic reality," Criss said. "They're asking for chronic problems."

Many homes in the St. Louis region along the Meramec River have suffered damage and some are still not habitable, even as spring comes to the area.

"Yes, the loss of and damage to homes is heartbreaking and tragic, but it wasn't that long ago, in 1993, that a flood of equal impact hit the region to inundate homes in the floodplain. And, there was even more severe flooding than that in 1982," Criss said. "Flooding is what a river does on its geomorphic flood plain. It's an obvious geologic mistake to build on a floodplain."

How about putting up more levees, such as the 500-year levee in the St. Louis suburbs of Valley Park and Chesterfield, constructed by the U.S. Army Corps of Engineers?

"Building a levee for a community simply 'certifies' that this is a great place to build more things," Criss said. "The Corps of Engineers will come in and claim it's a 500-year levee, which is a claim they cannot make, yet rou-

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## Kling, former provost, 89

As the Record went to press, we learned of the passing of Merle Kling, Ph.D., former provost, executive vice chancellor, dean of the faculty of Arts & Sciences and professor of political science, on April 8 from esophageal cancer. He was 89. Next week's Record will include Kling's obituary.



# Adaptive reuse concept along Mississippi riverfront wins Steedman Fellowship

By LIAM OTTEN

New York architect Nikole Renee Bouchard has won Washington University's 2008 Steedman Fellowship in Architecture International Design Competition.

The biennial competition, sponsored by the Sam Fox School of Design & Visual Arts' College of Architecture and Graduate School of Architecture & Urban Design, is open to young architects from around the world and carries a \$30,000 first-place award to support study and research abroad — the largest such award in the United States.

Bouchard, who earned a bachelor of architecture from Cornell University in 2006, was chosen from a field of 197 registrants and 49 submissions representing Australia, Britain, Canada, China, Germany, India, Singapore and the United States. She works for Steven Holl Architects in New York.

"The Steedman is one of the oldest and most widely known competitions for young architects in the United States," said Bruce Lindsey, dean of the College of Architecture and Graduate School of Architecture & Urban Design and the E. Desmond Lee Professor for Community Collaboration. "This year's site was an historic St. Louis district that has come under increasing pressure for redevelopment. The results show a wide range of possibilities for bringing new life to older buildings."

The competition centered on the former St. Louis Cold Storage Company building, an abandoned 100,000-square-foot industrial structure located along the Mississippi riverfront, just north of downtown and Eero Saarinen's Gateway Arch. Architects were charged with creating environmentally sensitive adaptive reuse strategies for the structure, which was built in 1901. Most buildings in the area reflect St. Louis' industrial past, specifically power generation and cold storage for the river and railroad commerce of the early 20th century.

"There is a need for a program that activates the landscape and engages the public — people of all ages, social statuses and interests," wrote Bouchard in her winning proposal, titled "In Situ Sensibility: Seeding the Future Growth of St. Louis." She points out that the area "is one of very few in the city which does not currently have a public green space."

Bouchard's design would reinvent the site as a center for urban agriculture. A network of hills, valleys, fields and tributaries would transform the grounds surrounding the Cold Storage Company building. The building itself would take cues from the natural topography to "create spaces that are both dark and intimate (like the surrounding landscape's submerged caves) as well as expansive and open (like the region's rolling prairie)."

Historic northern, eastern and western facades would remain un-

touched, aside from reopening a series of existing apertures, which are boarded up. A large open space flowing from the southern facade would serve as an indoor/outdoor market as well as a venue for summer film screenings and other public functions. Additional components include classrooms and offices; an area for composting; and a green roof-scape that would house gardens, collect rainwater and provide spectacular views of St. Louis and the Mississippi River. A nearby abandoned train depot would become a parking facility.

In addition to Bouchard, three entrants received honorable mentions:

**Maria Eva Contesti, Seattle.**

Contesti, a native of Argentina, earned a professional degree in architecture from the Universidad Nacional de Rosario in 2003 and a master of environmental planning degree from the Universidad de Buenos Aires in 2004. In 2007, she earned a master of architecture degree from Washington University and also won the Best Degree Project Prize for the class of 2007. She is a staff architect with ZGF Architects in Seattle.

**John Bruenning, St. Louis.**

Bruenning earned a bachelor's in architecture from Southern Illinois University at Carbondale in 2001 and a master's from Washington University in 2004. He works at AAIC, a St. Louis architecture firm.

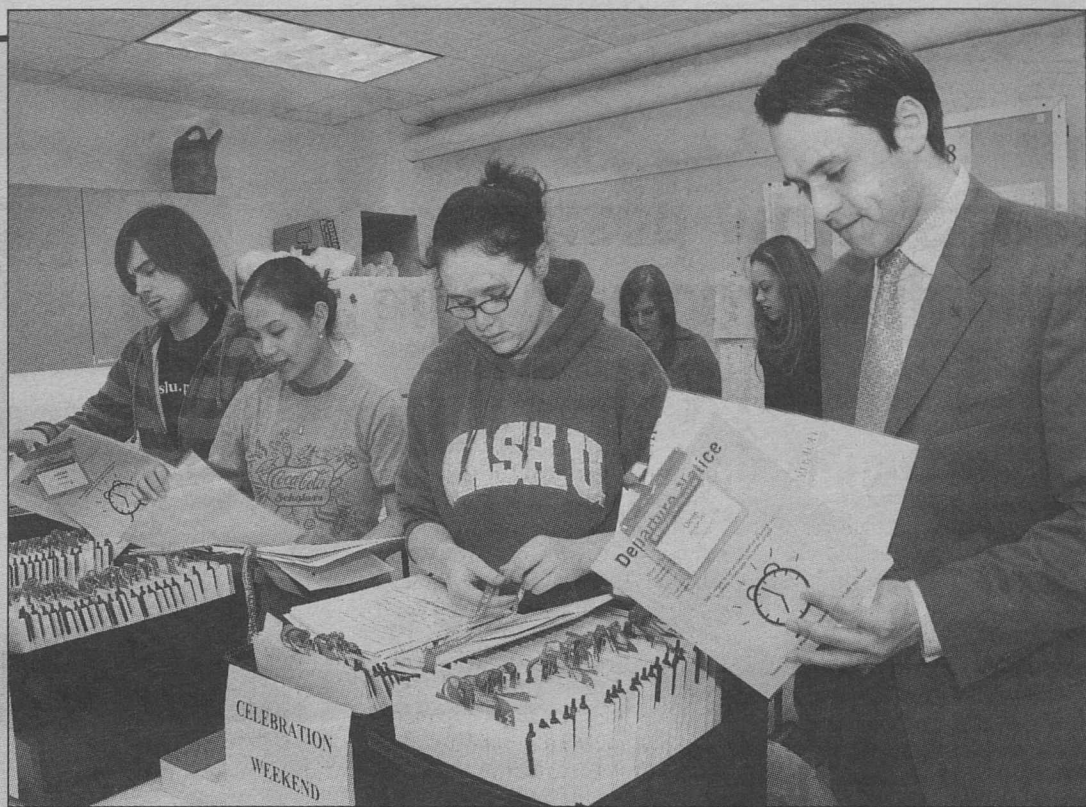
**Sabina Santovetti, Ph.D., Rome.**

Santovetti earned a master's in architecture from Washington University in 2005 and previously earned a master's in industrial design from the Pratt Institute in New York, a master's and doctorate in art history and archeology from the Sorbonne University in Paris, and a degree in literature and philosophy from the University of Rome. She is a cofounder of the firm SANTOVETTI + NARDINI: Architecture & Design in Rome.

Winners were selected by blind jury. Lawrence Scarpa, visiting professor of architecture and principal of Pugh + Scarpa in Santa Monica, served as jury chair. Other jurors included Peter Davey, former editor of The Architectural Review in London; architect/urbanist Hashim Sarkis, Ph.D., who has offices in Beirut and Cambridge, Mass.; Nader Tehrani, Ph.D., a partner at Office dA in Boston; Ken Yeang, principal of Hamzah & Yeang Architects in Malaysia; and author/theorist Wilfried Wang, co-founder of Hoidn Wang Architects in Berlin.

Granted since 1925, The Steedman Fellowship is supported by an endowment — given to the Sam Fox School's College of Architecture and Graduate School of Architecture & Urban Design — in honor of James Harrison Steedman, who earned a degree in mechanical engineering from Washington University in 1889. The memorial was established by Steedman's widow, Mrs. Alexander Weddel, and Steedman's brother, George.

For more information about the Steedman Fellowship, visit [steadmancompetition.com](http://steadmancompetition.com).



**Let's celebrate!** (from left) Sophomore Trevor Mattea, third-year law student Elisa Chen and senior Stacy Read put the finishing touches on welcome packets to be distributed to visiting students during the University's Multicultural Celebration Weekend, which begins Thursday, April 10. During Celebration Weekend, the University community welcomes admitted students and offers them the opportunity to meet current students and faculty and attend classes and student group meetings. Michael Armijo (right), senior assistant director of admissions, coordinates Celebration Weekend with the help of 70 undergraduate representatives of the multicultural student groups on campus.

## Sports

### WUSTL takes Directors' Cup lead

WUSTL has taken the lead in the 2007-08 U.S. Sports Academy Directors' Cup Division III standings.

The University accumulated 371.5 points during the winter season to move past Williams College, who led after the first set of winter standings were released. WUSTL sits in first place with 693.50 points, while Amherst College is second with 647 points and Williams is third with 617.25 points. This marks the second time in school history WUSTL has led the Directors' Cup.

### Women's tennis places third

The No. 24 women's tennis team played to a third-place finish at the 12-team Midwest Region Invitational tournament in Madison, Wis., April 4-5.

The tournament featured 12 of the top teams in the NCAA Division III central region, and the Bears (11-3) finished with a 3-1 record, recording two victories against teams ranked ahead of them in the Intercollegiate Tennis Association top 30 poll.

### Track and field first, fourth at meet

The women's and men's track and field teams finished first and fourth, respectively, at the Washington University Select meet April 5.

Men's javelin thrower Keith England, a sophomore, provisionally qualified for the NCAA Outdoor Championships with a first-place distance of 58.83 meters. England was one of three individual event winners for the men's team; the women's squad totaled eight individual titles. Both squads took first in the 4x400-meter relay.

Juniors Danielle Wadlington and Aubrey Edwards led the women. Wadlington was first in the 100-meter hurdles (15.04) and the 200-meter dash (26.05). Edwards finished in the top three in three field events. She won the hammer throw (44.69 meters) and was second in the discus (37.11 meters) and third in the shot put (11.03 meters). Both teams return to action Saturday, April 12, when they host the Washington University Quad meet.

### Baseball begins winning streak

The baseball team (10-7) pushed its winning streak to three games with a 15-5 victory against MacMurray College April 2.

Freshman David Liebman picked up the win for the Bears, the first of his career. Offensively, WUSTL scored a combined 14 unanswered runs in the bottom of the fourth, fifth and sixth innings. Junior Scott Kennedy was 1-for-2 with three RBIs and a run scored; sophomore Remy Midkiff went 2-for-4 at the plate, scoring twice; and junior Zander Lehmann was 2-for-3 with an RBI.

### Softball finishes second in Iowa

The No. 15 softball team (20-7) posted a 2-2 overall record and placed second at the Hy-Vee Invitational in Grinnell, Iowa.

In a loss to Nebraska Wesleyan University in the championship game, Nebraska Wesleyan scored three runs in the top of the fifth inning to post a 3-2 come-from-behind victory.

WUSTL split a pair games on Friday, falling to Coe College, 3-2, and posting an 11-2 win against Grinnell College later. WUSTL ended pool play with a 3-2 win

against Nebraska Wesleyan on Saturday before falling in the championship game.

Sophomore Ashton Hitchcock and freshman Claire Voris both were named to the All-Tournament Team. Hitchcock hit .538 (7-13) with one home run and five RBIs during the tournament, while Voris was 1-2 on the mound with a 2.23 earned run average with 24 strikeouts in 15.2 innings pitched.

### Men's tennis jumps to No. 2 ranking

Coming off two wins against top 10 teams, the men's tennis team (9-3) jumped to No. 2 in the latest Intercollegiate Tennis Association top 30 poll.

The No. 2 ranking is the highest in school history. The Bears improved to 4-2 against top 10 teams this season after defeating No. 8 Trinity University, 5-4, and No. 7 Claremont-Mudd-Scripps Colleges, 7-2. Sophomore John Watts is ranked No. 1 in Division III in singles and has posted a 22-3 overall record in 2007-08.

WUSTL is one of four University Athletic Association teams ranked in the top 20. The Bears opens a three-match homestand Saturday, April 12, against No. 25 Coe College.

## Record

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## School of Medicine Update

# Hearts of HIV-positive individuals recover from exertion more slowly

BY JIM DRYDEN

**C**urrent treatments allow most HIV-infected individuals to live healthy, productive lives, but they can also increase risk for cardiovascular problems. Now School of Medicine researchers have found a possible explanation. They discovered that the heart doesn't slow down as quickly after exercise in patients taking highly active antiretroviral therapy (HAART) for HIV.

The research, led by W. Todd Cade, Ph.D., assistant professor of physical therapy and of medicine, studied HIV-positive people receiving HAART therapy. All had good immune function and very low or even nondetectable levels of the virus in their blood.

The researchers had study participants exercise on stationary bikes until they attained peak heart rate. Then they measured how quickly their hearts returned to resting rates compared with people of the same age and activity level who were not infected with HIV.

"In the general population, heart rate recovery following peak exercise is a very strong predictor of future cardiovascular disease and death," Cade said. "So we think we may have identified a mechanism that contributes to increased risk for cardiovascular disease and heart attacks in HIV-positive individuals."

The better a person's fitness level, the quicker their heart rate will return to baseline levels. People with congestive heart failure, diabetes and other problems not necessarily related to HIV have impaired heart rate recovery.

"This study is the first to demonstrate that heart rate recovery is impaired in HIV-infected people, whether they have

metabolic problems or not," Cade said.

About half of those with HIV who take HAART therapy eventually develop metabolic complications such as insulin resistance or abnormal cholesterol and triglycerides. Those are risk factors for heart disease.

Cade and colleagues assumed that particular antiviral drugs called protease inhibitors might exacerbate that problem, but they found that wasn't the case. Instead all HIV-positive people on HAART therapy had a slower heart rate recovery, regardless of whether they also took protease inhibitors.

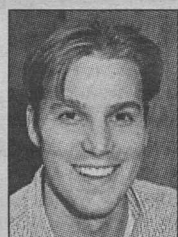
Cade said he believes both HIV status and HAART therapy probably play roles in the observed changes in heart rate recovery. Because HIV-positive participants in the study were healthy, Cade said the finding means changes are taking place in the autonomic nervous system, which controls heart rate and heart rate recovery, even before metabolic abnormalities can be detected.

As evidence mounts that HAART therapy may have long-term complications, Cade said it is important to remember that without such therapy, many HIV-infected people would be dying from AIDS.

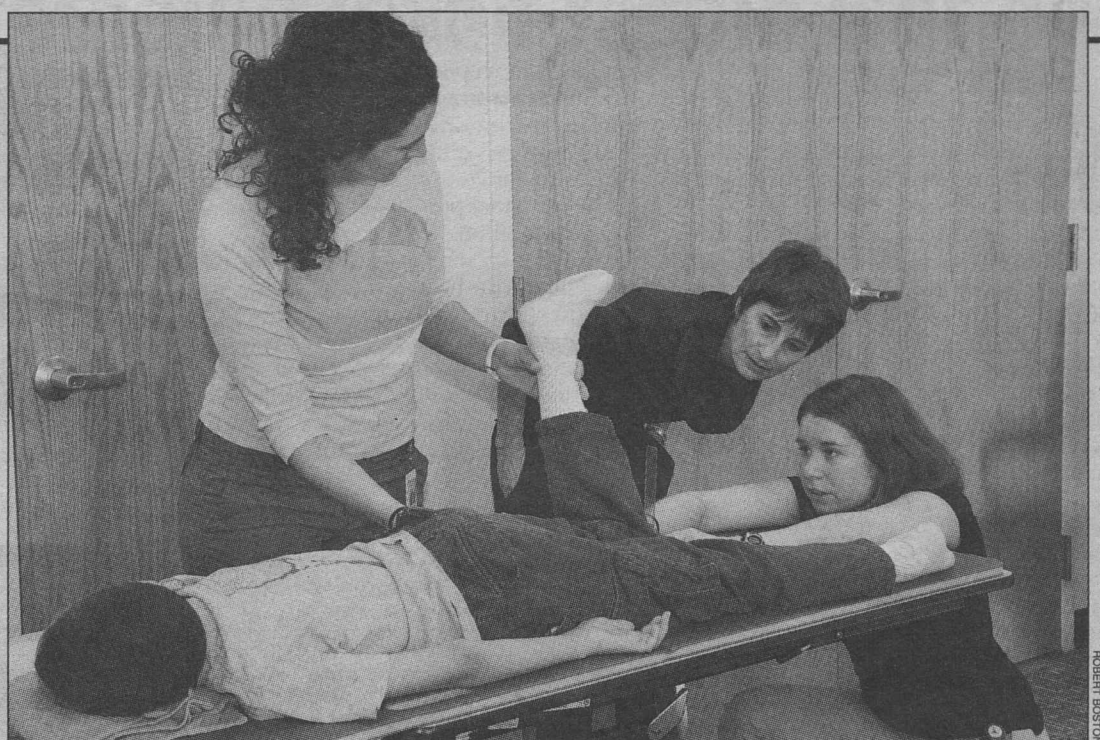
"HIV has become a chronic, manageable disease, and HAART therapy is helping people live another 20-30 years or longer," he said. "Now that we know it impairs heart rate recovery, we want to see if those problems can be delayed or reversed."

Cade is studying whether a four-month exercise-training program or treatment with a diabetes drug might improve heart rate recovery and delay some of cardiovascular problems that currently affect HIV-infected patients.

His latest findings were reported in the journal *HIV Medicine*.



Cade



**Measuring up** (From left) Kelly Mushill, a second-year doctoral student in the Program in Physical Therapy; Suzanne Cornbleet, DPT, assistant professor of physical therapy and of orthopaedic surgery; and Marie Harper, a second-year doctoral student in the Program in Physical Therapy, evaluate Maplewood-Richmond Heights Elementary School fourth-grader Zackery Kottkamp's posture and flexibility. Second-year doctoral students in the Program in Physical Therapy looked at the alignment of the pupils' bodies, simple movements, muscle lengths, ranges of motion and hip rotations and then made recommendations to parents on what they should watch for and if the assessments required a referral to physical therapy.

## Handwashing instills a good habit

BY BETH MILLER

**"F**oam in, foam out." That's the slogan you'll find School of Medicine and Barnes-Jewish Hospital health-care staff repeating to help prevent infections.

The slogan refers to using alcohol-based foam upon entering and exiting patient and clinic rooms. The foam is an alternative to soap-and-water handwashing.

While it seems that handwashing is something most adults would do instinctively, many people, including health-care workers, don't wash their hands as often as they think they do. In fact, most estimates show that only about 50 percent of health-care workers are washing or foaming their hands as often as they should.

Keeping hands clean, whether by washing with soap and water or using alcohol-based foams, has

**"These workers are working hard. ... So we have to make handwashing or using foam part of their routine."**

HILARY BABCOCK

been shown to reduce overall infection rates in hospitals, according to the Centers for Disease Control and Prevention (CDC).

Keith Woeltje, M.D., Ph.D., associate professor of medicine and medical director of the BJC Infection Control and Healthcare Epidemiology Consortium, said some interactions with patients are not perceived to require hand hygiene, such as taking blood pressure or even touching a patient on the shoulder. But the CDC's guidelines call for handwashing or using foam before and after all patient contact and in between some procedures on the same patient, such as changing dressings or emptying drains or catheters.

At the School of Medicine and Barnes-Jewish Hospital, the handwashing or foam use compliance rate is much higher than average at nearly 80 percent and continues to rise, Woeltje said.

"There is a large initiative in the BJC system to increase hand hygiene, including surveillance in all hospitals and providing feedback rates," Woeltje said. "The infection control staff uses a standardized form when monitoring handwashing, from which they generate compliance rates."

"The goals of Barnes-Jewish Hospital and the BJC system promote the use of alcohol-based foam, which workers can do while walking to another task," said David Warren, M.D., assistant professor of medicine and hospital epidemiologist for Barnes-Jewish Hospital. "For that reason, we have placed foam dispensers inside and outside of each patient room to remind staff to use the foam before going in the room and when coming out."

The low compliance rate in the past among health-care workers in general has been due to perceived barriers to handwashing, such as accessibility to soap and water or alcohol-based products

and the time commitment involved. Guidelines call for washing hands for at least 15 seconds each time, and that can take much of a health-care worker's time. Using foam can save up to 1 hour out of an 8-hour shift.

In addition, there is a perception that using soap and water is drying to hands. Woeltje said the alcohol foam has emollients that keep natural oils on the skin instead of washing them away. The infection-control specialists have also placed hand lotions that are compatible with the alcohol foams and gloves at nurses' stations. Gloves are primarily used when there is risk of contact with body fluids and to protect the worker from infectious diseases.

Hilary Babcock, M.D., assistant professor in medicine and medical director of occupational health for Barnes-Jewish and St. Louis Children's hospitals, said the infection-control team has put together an educational campaign to remind staff to comply with handwashing guidelines. There is an online education module, posters placed around the clinics and hospital, and the slogan "Foam in, foam out," appears on the screen savers of computers in all patient rooms at Barnes-Jewish Hospital.

But Babcock said educating staff only goes so far.

"These workers are working hard, and many times they are understaffed," she said. "So we have to make handwashing or using foam part of their routine."

Infection control specialists at the hospital reward staff when they see someone washing their hands or using foam appropriately with trinkets or verbal congratulations, Babcock said.

"Our long-term goal is to develop a habit," Woeltje said. "It's like putting on a seat belt in the car — once you start doing it, you can't drive without putting it on. We want the same sort of habit ingrained in the health-care staff."

## Barch named new director of Conte Center

BY JIM DRYDEN

**T**he Silvio Conte Center for Neuroscience Research has a new director. Deanna M. Barch, Ph.D., associate professor of psychology in Arts & Sciences, of psychiatry and of radiology, takes over leadership of the center from John G. Csernansky, M.D., the former Gregory B. Couch Professor of Psychiatry, who has become the chairman of psychiatry at Northwestern University.

Barch has been a close collaborator of Csernansky's throughout the history of the Conte Center, which was established in 2001. It is one of a handful of such centers around the country created to honor former Massachusetts congressman Silvio O. Conte, a longtime advocate for scientific research. Prior to his death from cancer in 1991, Conte sponsored the Congressional resolution that designated the 1990s as the "Decade of the Brain."

The center, funded by the National Institute of Mental Health, coordinates and oversees several major brain-mapping projects that are attempting to locate and identify anatomical and functional differences in the brains of patients with schizophrenia.

In her new position, Barch will coordinate the activities of a group of neuroscience researchers using several methods to identify and study subtle structural and functional differences in the brains of people with schizophrenia and in their relatives, as well as animal models designed to elucidate the sources of these differences. The researchers use various types of MRI imaging, combined with very powerful com-

puter programs, to look at the size and shape of several brain structures and the ways in which the brain responds during different types of memory and thinking tasks.

"A major component of our work in the Conte Center involves looking at what types of changes in brain structures, brain function and cognition may occur in schizophrenia, what types of changes may be present in the siblings of people with schizophrenia and which of those changes may predict who eventually will develop the illness," Barch said. "The work may help us identify both risk factors for schizophrenia and factors that protect against the disease."

The center also conducts research projects focused on evaluating treatments for memory and other cognitive problems that affect many people with schizophrenia, as well as research to better understand how changes in emotion, motivation and social interactions may influence the development and the course of the illness.

"Part of the center's mission also involves community service and education," Barch said. "So we're not only publicizing our research projects to doctors and to families affected by schizophrenia, but also to the community at large."

To that end, the Conte Center will host a seminar at 1 p.m., Saturday, April 12, at St. Charles Community College. The program, called "Helping Families Understand Schizophrenia and the Mental Health System" is free and open to the public.

For more information on the seminar or to learn more about the research projects at the Conte Center, call Juanita Bishop at [Juanita@conte.wustl.edu](mailto:Juanita@conte.wustl.edu).



Barch



## University Events

# World's oldest novel celebrates 1,000th birthday

By GERRY EVERDING

One thousand years ago this year, a Japanese court lady put the finishing touches on what would become the world's oldest novel. Spanning 75 years, more than 350 characters and brimming with romantic poems, "The Tale of Genji" tells the story of an emperor's son, his quest for love and the many women he meets along the way.

On April 18, Washington University will celebrate the novel's 1,000th birthday with two afternoon events in the Women's Building Formal Lounge — a roundtable discussion at 1 p.m. and the annual Stanley Spector Memorial Lecture at 4 p.m.

If the mark of a great novel is its ability to stand the "test of time" — to remain cap-

tivating to readers from generation to generation — then "The Tale of Genji" more than meets this criteria, said Rebecca Copeland, Ph.D., professor of Japanese language and literature and co-organizer of the Genji celebration.

Now a central pillar of the Japanese literary canon, the book has inspired writers and artists working in every conceivable genre and medium and has been translated into more than 30 languages.

"One thing that I find remarkable about this event is that the work that we are celebrating was written by a Japanese woman," Copeland said.

"Not only is the work the oldest novel in the world (if we stretch our concept of 'novel') but it was written by a woman from a society that most Westerners consider

chauvinistic," Copeland said.

The roundtable brings together noted Genji scholars to discuss how this important literary work has survived the centuries, thriving well beyond Japan's borders through a variety of adaptations that encompass medieval reworkings, early modern parodies, modern translations and even contemporary comic books.

Leading the discussion will be Jamie Newhard, Ph.D., assistant professor of Japanese in Arts & Sciences, with commentary by Haruo Shirane, Ph.D., the Shincho Professor of Japanese Literature at Columbia University.

Other participants include professors Charo d'Etcheverry Ph.D., of the University of Wisconsin-Madison, Michael Emmerich, Ph.D., of Princeton University and Lynne

Miyake, Ph.D., of Pomona College.

Shirane also presents the Stanley Spector Memorial Lecture: "Envisioning The Tale of Genji: Canonization, Popularization, and Visual Culture." His talk reexamines the book's influence on a broad swath of Japanese culture as both a pinnacle of high culture and as a phenomenon of popular culture, including appearances in paintings, illustrated books, ukiyo-e, theater, film, manga and other visual media.

Free and open to the public, the events are co-sponsored by the Department of Asian and Near Eastern Languages and Literatures, the programs of East Asian studies and international and area studies, and the College of Arts & Sciences.

For more information, contact the East Asian studies department at 935-4448.

## Tiny Treasures • Hedgehog Signaling • Four Dimensions

"University Events" lists a portion of the activities taking place April 10-23 at Washington University. Visit the Web for expanded calendars for the Danforth Campus ([webevent.wustl.edu](http://webevent.wustl.edu)) and the School of Medicine ([medschool.wustl.edu/calendars.html](http://medschool.wustl.edu/calendars.html)).

### Exhibits

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

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

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

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

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

"Senior Sculpture Exhibition." April 18. (6 p.m. Opening Reception.) Des Lee Gallery, 1627 Washington Ave. 935-9347.

### Film

#### Friday, April 11

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

#### Saturday, April 12

8 p.m. Italian Film Festival. "Quando Sei Nato Non Puoi Più Nasconderti." (Once You Are Born.) Brown Hall, Rm. 100. 422-3102.

#### Friday, April 18

8 p.m. Italian Film Festival. "Mio Fratello E Figlio Unico." (My Brother Is An Only Child.) Brown Hall, Rm. 100. 422-3102.

#### Saturday, April 19

8 p.m. Italian Film Festival. "Rosso Come Il Cielo." (Red Like The Sky.) Brown Hall, Rm. 100. 422-3102.

### Lectures

#### Thursday, April 10

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

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

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

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

4:15 p.m. Earth & Planetary Sciences Colloquium. "Interplay Between Thermody-

namic Principles and Experiments: The System MgSO<sub>4</sub>-H<sub>2</sub>O as an Example and its Applications in Martian Surface Environments." I-Ming Chou, geologist, U.S. Geological Survey. Earth & Planetary Sciences Bldg., Rm. 203. 935-5610.

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

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

#### Friday, April 11

8 a.m.-4:30 p.m. School of Medicine CME Course. "Hypertrophic Cardiomyopathy: Treating Individuals and Preventing Sudden Death in Athletes." Eric P. Newman Education Center. To register: 867-3627.

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

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

#### Saturday, April 12

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

10 a.m. Physics Saturday Science Lecture Series. "What Does Quantum Mechanics Tell Us About the Universe?" Mark Alford, assoc. prof. of physics. Crow Hall, Rm. 201. 935-6276.

#### Monday, April 14

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

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

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

4 p.m. Romance Languages & Literatures Lecture. "Input, Processing & Knowledge: What Explicit Pedagogical Conditions Really Do." Christina Sanz, assoc. prof. of Spanish Linguistics, Georgetown U. Sponsored by the Foreign Language Learning Colloquium Speaker Series. McDonnell Hall, Rm. 162. 935-5175.

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

6 p.m. Africa Week 2008 Lecture. "Film-making in Africa: An Ongoing Struggle." Sponsored by the African Student Assoc. Lab Sciences Bldg., Rm. 300. 935-7879.

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

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

#### Tuesday, April 15

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

4 p.m. Assembly Series. Martin Luther King Jr. Memorial Lecture. Alvin Poussaint, psychiatrist & author. Graham Chapel. 935-5285.

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

#### Wednesday, April 16

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

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

4 p.m. Biochemistry & Molecular Biophysics Seminar. "The Eukaryotic Replisome: Genomic Copyist and Caretaker Extraordinaire." Johannes Walter, assoc. prof. of biology, chemistry & molecular pharmacology, Harvard U. McDonnell Medical Sciences Bldg., Rm. 264. 362-4152.

4 p.m. Physics Colloquium. "Quantum Mechanics off the Beaten Track." Philip Mannheim, prof. of physics, U. of Conn. (3:30 p.m. coffee, Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

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

7 p.m. Kemper Art Museum New Media Workshop. "Looking at On The Margins." Registration required. Kemper Art Museum. 935-4523.

#### Thursday, April 17

Noon. Developmental Biology Lecture. Annual David M. Kipnis Lecture. "Genes That Control the Size and Shape of the Human Cerebral Cortex." Christopher A. Walsh, prof. of neurology & pediatrics, Harvard Medical School. Cori Aud., 4565 McKinley Ave. 362-0198.

2-9 p.m. Research Integrity 1st Biennial Conference. "Responsible Conduct of Research Education, Instruction and Training." (Continues 8 a.m.-6 p.m. April 18; 8:30 a.m.-12:30 p.m., April 19.) Renaissance St. Louis Grand & Suites Hotel, 800 Washington Ave. To register: [epi.wustl.edu/epi/rcr/2008.htm](http://epi.wustl.edu/epi/rcr/2008.htm).

4 p.m. Chemistry Seminar. "The Development of New Stereoselective Organocatalytic Processes." Jon Antilla, asst. prof. of chemistry, U. of S. Fla. McMillen Lab., Rm. 311. 935-6530.

4 p.m. Vision Science Seminar Series. "Phr1: An Activity and Ephrin Independent Regulator of Retinogeniculate Targeting." Susan Culican, asst. prof. of ophthalmology & visual sciences. Maternity Bldg., Rm. 725. 362-3315.

5 p.m. Becker Medical Library Lecture. Historia Medica Lecture. "Realdo Colombo and Michelangelo: Anatomy Lessons From Renaissance Rome." Caroline Hillard, dissertation fellow in art history & archaeology. Bernard Becker Medical Library, Lvl. 7, Kenton King Center. 362-2774.

#### Friday, April 18

9:15 a.m. Pediatric Grand Rounds. "Malnutrition is an Enteric Infectious Disease: Devastating, Long-Term Effects on Child Development." Richard Guerrant, prof. of international medicine, U. of Va. School of Medicine. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Energy, Environmental & Chemical Engineering Seminar Series. "Earth Day: Originated in the U.S., Lost in the U.S., Can it be Rediscovered?" Lilia Abron, pres. PEER Consultants P.C. Lopata Hall, Rm. 101. 935-5548.

1 p.m. East Asian Studies Roundtable Discussion. "Celebrating A Thousand Years of The Tale of Genji." Charo d'Etcheverry, assoc. prof. of East Asian languages & literatures, U. of Wis.-Madison, Michael Emmerich, lecturer in East Asian studies, Princeton U., Jamie Newhard, asst. prof. of Japanese, and Haruo Shirane, prof. of Japanese literature, Columbia U. Women's Bldg. Formal Lounge. 935-4448.

2 p.m. Association of Women Faculty Colloquium. "A Sustainable World, What it Means to Us." Peter Raven, prof. of botany. Whitaker Hall Aud. 935-6160.

4 p.m. East Asian Studies Lecture. Annual Stanley Spector Memorial Lecture on East Asian History and Civilization. "Envisioning The Tale of Genji: Canonization, Popularization, and Visual Culture." Haruo Shirane, prof. of Japanese literature, Columbia U. (Reception follows.) Women's Bldg. Formal Lounge. 935-4448.

#### Saturday, April 19

10 a.m. Physics Saturday Science Lecture Series. "Are There More Than Four Dimensions?" Michael Ogilvie, prof. of physics. Crow Hall, Rm. 201. 935-6276.



**Architecture as art** The Lapa Bus Terminal (2002) by Brazilian architecture firm Nucleo de Arquitetura. The building is one of 18 projects by six Brazilian firms profiled in "Coletivo: Contemporary Architecture from Sao Paulo," on view through April 25 in the Sam Fox School of Design & Visual Arts' Steinberg Hall Gallery. "The title of the exhibition evokes dual meanings," said Zeuler Lima, Ph.D., assistant professor of architecture, who organized the show and will present a gallery talk at 12:30 p.m. Wednesday, April 16. "First, it refers to the educational background/patrimony shared by the designers," who studied at the University of Sao Paulo's School of Architecture and Urbanism, where they were influenced by the work of architect Vilanova Artigas, Lima said. "Second, the work produced by each firm emphasizes collaborative work over individual authorship." For more information, call 935-6200.

COURTESY PHOTO



# Assembly Series closes season with talks on tolerance, love

## Poussaint speaks on tolerance and diversity

By Kurt Mueller

An expert on race relations, prejudice and diversity issues in a multicultural society, Alvin Poussaint, M.D., will present the annual Martin Luther King Jr. Memorial Lecture for the Assembly Series. The talk will be held at 4 p.m., Tuesday, April 15, in the Laboratory Sciences Auditorium.

Poussaint, professor of psychiatry and faculty associate dean for student affairs at Harvard Medical School, is director of the Media Center of the Judge Baker Children's Center in Boston. He also is an advocate for reducing the influence of advertising in children's lives.

Poussaint believes that extreme (violent) racists suffer from a delusional mental illness. He lectures widely on college campuses and serves as a consultant to government agencies and private corporations. In addition, he is active as a media consultant on a



Poussaint

wide range of social issues. He is concerned with media images and issues regarding the needs of children and the changing family; he has been active in the national TV rating and V-chip discussions. He is a strong proponent of nonviolent parenting and parenting education.

Poussaint co-wrote "Come on People: On the Path from Victims to Victors" with activist comedian Bill Cosby. He also worked as a script consultant on Cosby's popular sitcom, "The Cosby Show." It was Poussaint's job to review scripts and consult on psychological and educational issues to avoid inappropriate humor or stereotypes.

He is the author of "Why Blacks Kill Blacks" and co-authored "Raising Black Children," as well as "Lay My Burden Down: Suicide and the Mental Health Crisis Among African Americans."

Born in East Harlem, he attended Columbia University and earned a medical degree from Cornell University in 1960. He completed his postgraduate training at the University of California, Los Angeles, Neuropsychiatric Institute. At UCLA, he pursued research in psychopharmacology.

## Fisher explains crazy little thing called love

By Barbara Rea

If, like millions of people, you scratch your head in amazement when an Eliot Spitzer-type scandal becomes public, perhaps Helen Fisher, Ph.D., can enlighten you. The Rutgers University anthropologist will give the Assembly Series/Women's Society of Washington University talk at 11 a.m. Wednesday, April 16, in Graham Chapel. Her address, "The Drive to Love: The Biology, Evolution and Future of Romantic Love," is free and open to the public. This is the final lecture of the 2007-08 Assembly Series.

Her research draws on both evolutionary behavior and brain chemistry to explain that love, sex, romance and marriage are hard-wired into human beings. Fisher believes that romantic love is not just a feeling; it is, rather, a drive so powerful it overtakes all others and causes irrational



Fisher

behavior akin to addiction.

Fisher is widely considered to be the foremost expert on the science and evolution of romantic love and has written four books: "Why We Love: The Nature and Chemistry of Romantic Love"; "Anatomy of Love: The Natural History of Monogamy, Adultery, and Divorce," selected as a "Notable Book of 1992" by The New York Times Book Review; "The Sex Contract: The Evolution of Human Behavior"; and "The First Sex: The Natural Talents of Women and How They Are Changing the World," which was named a "Notable Book of 1999" by The New York Times Book Review.

She also is the chief scientific advisor to Chemistry.com and is working on the development of its "chemistry profile" — a personality assessment and matching system for online dating.

Fisher earned a bachelor's degree from New York University and master's and doctoral degrees from the University of Colorado, Boulder.

For more information, call 935-5285 or visit [assemblyseries.wustl.edu](http://assemblyseries.wustl.edu).

### Monday, April 21

**4 p.m. Breast Cancer Research Group Seminar Series.** "Preliminary Results From the Physical Activity and Lymphedema Trial." Kathryn H. Schmitz, asst. prof. of biostatistics & epidemiology, U. of Pa. School of Medicine. Center for Advanced Medicine, Farrell Conference Room 2. 454-8981.

**4 p.m. Immunology Research Seminar Series.** "CXCL12 and Leukocyte Trafficking at the Blood-Brain Barrier." Robyn Klein, asst. prof. of medicine. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

**4 p.m. Physics Condensed Matter/Materials and Biological Physics Seminar.** "Electronic Duality in the Pressure-Tuned Quantum Critical Metal CeRhIn5." Tuson Park, Los Alamos National Lab. (3:45 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

**5:30 p.m. Cardiac Bioelectricity & Arrhythmia Center Seminar.** "Gap Junction Remodeling in Ischemic Heart Disease: Molecular Mechanisms and Arrhythmogenesis." Andrew L. Wit, prof. of pharmacology, Columbia U. (5 p.m. reception.) Whitaker Hall, Rm. 218. 935-7887.

**6:30 p.m. Architecture Lecture Series.** Patricia Patkau, Patkau Architects, Vancouver, Canada. (6 p.m. reception, Givens Hall.) Steinberg Aud. 935-9300.

**7 p.m. The Writing Program Spring Reading Series.** Second-year students in the MFA program read from their poetry & fiction. (Also 7 p.m. April 23.) Duncker Hall, Rm. 201, Hurst Lounge. 935-7130.

### Tuesday, April 22

**Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "Death of the Tubercle Bacillus." William Jacobs, prof. of microbiology, immunology & molecular genetics, Albert Einstein College of Medicine. Cori Aud., 4565 McKinley Ave. 362-8873.

**6 p.m. Center for the Study of Ethics & Human Values Lecture.** "Discussion on Ethical Concerns Around Prostitution." (Food provided.) Ridgley Hall, Holmes Lounge. To register: 935-9358.

**6:15 p.m. Germanic Languages & Literatures Lecture.** "Prekären und Unverhofftes Glück Anmerkungen zur Klassischen Deutschen Literatur." David E. Wellberg, prof. of Germanic studies, U. of Chicago. Eads Hall, Rm. 116. 935-5106.

### Wednesday, April 23

**4 p.m. Biochemistry & Molecular Biophysics Seminar.** "MAPKs — Nuclear Import and Transcriptional Regulation in Pancreatic Beta Cells." Melanie Cobb, prof. of pharmacology, U. of Texas Southwestern Medical Center at Dallas. McDonnell Medical Sciences Bldg., Rm. 264. 362-4152.

## Music

### Thursday, April 10

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

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

### Friday, April 11

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

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

### Saturday, April 12

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

### Sunday, April 13

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

### Tuesday, April 15

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

### Thursday, April 17

**7 p.m. Graduate Voice Recital.** Courtney Dey. Graham Chapel. 935-4841.

**8 p.m. Jazz at Holmes.** Tony Viviano, vocalist. Music of Tony Bennett & Frank Sinatra. Ridgley Hall, Holmes Lounge. 935-5566.

### Friday, April 18

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

### Saturday, April 19

**8 p.m. Concert.** "A French Baroque Carnival." Kingsbury Ensemble. Cost: \$15; \$10 for seniors and WUSTL faculty & staff; \$5 for students. Ridgley Hall, Holmes Lounge. 862-2675.

### Tuesday, April 22

**8 p.m. Student Recital.** Graham Chapel. 935-4841.

### Wednesday, April 23

**8 p.m. Concert.** Jazz Band. Ridgley Hall, Holmes Lounge. 935-5566.

## On Stage

### Friday, April 18

**8 p.m. Performing Arts Dept. Presentation.** "The Lion and the Jewel." (Also 8 p.m. April 19, 25 & 26; 2 p.m. April 20 & 27.) Cost: \$15, \$9 for seniors, WUSTL students, faculty & staff. Edison Theatre. 935-6543.

## Business can empower world's poor

By Gerry Everding

Harold Rosen, an international development expert with the World Bank, will discuss how new grassroots approaches to business can give poor people in developing countries the tools to lift themselves out of poverty. The lecture takes place at 8 a.m., Monday, April 14, in Room 200 of the Charles F. Knight Executive Education Center.

Free and open to the campus community, the talk is part of the Public Policy Breakfast Lecture Series sponsored by the Weidenbaum Center on the Economy, Government and Public Policy. This event is co-sponsored by Net Impact, an Olin Business School student group that promotes

## Sports

### Saturday, April 12

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

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

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

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

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

### Tuesday, April 15

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

### Friday, April 18

**All Day. Women's Tennis.** UAA Championship. (Continues All Day April 19 & 20.) Tao Tennis Center. 935-4705.

### Tuesday, April 22

**4 p.m. Men's Tennis vs. Lindenwood U.** Tao Tennis Center. 935-4705.

**4 p.m. Softball vs. Mo. Baptist U.** WUSTL Field. 935-4705.

### Wednesday, April 23

**4 p.m. Men's Tennis vs. McKendree U.** Tao Tennis Center. 935-4705.

## And More

### Sunday, April 13

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

### Wednesday, April 16

**5 p.m. College of Art Visual Communications Seminar Presentations.** Also April 17. (4 p.m. Reception.) Steinberg Aud. 935-9347.

### Saturday, April 19

**7:30 p.m. Passover Seder.** Hosted by Chabad on Campus. (Also 8:30 p.m. April 20.) 7018 Forsyth Blvd. 721-2884.

## Irish poet Carson to read from works

Irish poet and novelist Ciaran Carson will read from his work at 8 p.m. Monday, April 14, for the Writing Program in Arts & Sciences.

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

Carson was born in 1948 in Belfast, Northern Ireland, to a Irish-speaking family. He earned a degree in English from Queen's University, Belfast, and, in 1975, joined the Arts Council of Northern Ireland, serving as Traditional Arts Officer until 1998. He is a professor of poetry at Queen's University, where he also directs the Seamus Heaney Centre for Poetry.

Carson is the author of nine collections of poems, beginning with "The New Estate" (1976), which won the Eric Gregory Award. Other collections include "The Irish for No" (1987), winner of the Alice Hunt Bartlett Award; "Belfast Confetti" (1990), which won the Irish Times Irish Literature Prize for Poetry; "First Language: Poems" (1993), winner of the T. S. Eliot Prize; and "Breaking News" (2003), winner of the Forward Poetry Prize (Best Poetry Collection of the Year).

## Teno to speak on African filmmaking

Celebrated Cameroonian filmmaker Jean-Marie Teno will address the challenges of filmmaking in Africa as a follow-up to African Film Festival.

Teno will speak at 6 p.m. Monday, April 14, in Lab Sciences 300 on "Filmmaking in Africa: An Ongoing Struggle." Teno will place the filmmaking industry in Africa in a global context, examining both issues of production and style.

The presentation will be an informal retrospective of his films with clips. Teno will address the challenges in filmmaking by over-viewing the industry as a whole and by documenting his personal struggles over the past 20 years. According to Teno, "In my country, if a journalist writes an article that is critical of the government, it can mean six months in prison. I thought that being a filmmaker and dealing in images, I could get around that."

"It is such an honor to host Jean-Marie Teno, whose films have been a unique contribution to the film industry and to African studies," said Wilmetta Toliver-Diallo, Ph.D., assistant

Carson is also the author of four prose works, including "The Pocket Guide to Traditional Irish Music" (1996); "The Star Factory" (1997), a collection of inventive essays about his native city; and "Fishing for Amber" (1999), a series of stories that weave autobiography with Irish fairy tales, Greek Myth and the history of amber. His novel "Shamrock Tea" (2001) — which was shortlisted for the Booker Prize — explores themes present in Jan van Eyck's painting "The Arnolfini Marriage."

"Carson has managed an unusual marriage in his work between the Irish vernacular storytelling tradition and the witty elusive mock-pedantic scholarship of Paul Muldoon," writes Peter Forbes, editor of Poetry Review, Britain's premier poetry magazine.

Carson's translation of "Dante's Inferno" won the 2002 Oxford Weidenfeld Translation prize. A translation of the Old Irish epic "Tain Bo Cuailnge" was published by Penguin Classics in 2007.

A new collection of poems, "For All We Know," is forthcoming in 2008, as is a novel, "The Pen Friend."

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

dean and senior lecturer in African & African American Studies in Arts & Sciences.

Teno's lecture is a followup to the third annual African Film Festival, held on campus March 27-30. His talk kicks off Africa Week 2008, "Africa: A Living Work of Art," sponsored by the African Student Association. Teno was not available during the film festival but wanted to come to reflect on the films screened and on the filmmaking industry in general.

This year's festival and Teno lecture is made possible by a grant from the Missouri Arts Council.

Campus sponsors include Film and Media Studies and African & African American Studies, both in Arts & Sciences, and the African Students Association. Additional support is provided by a grant from the Women's Society of Washington University.

The event is free and open to the public.

For more information, e-mail [wtoliver@arts.wustl.edu](mailto:wtoliver@arts.wustl.edu) or call 935-7879.



## School of Law to present distinguished alumni awards

By JESSICA MARTIN

The School of Law will celebrate the outstanding achievements of seven individuals at its annual Distinguished Alumni Awards Dinner Friday, April 11, at The Ritz-Carlton, St. Louis.

Presenting the awards will be Kent Syverud, J.D., dean and the Ethan A.H. Shepley University Professor.

Four alumni will receive Distinguished Law Alumni Awards and three will receive Distinguished Young Law Alumni Awards. The honorees:

### Distinguished Law Alumni

**Michael M. Berger** (JD '67) is being honored for his outstanding career accomplishments and contributions to legal education. For most of his career, Berger practiced land use and eminent domain law, mostly in the appellate courts, in the Los Angeles law firm Berger & Norton. He argued hundreds of appeals, including four cases at the U.S. Supreme Court. Berger now co-chairs the appellate practice group at the national law and consulting firm of Manatt, Phelps & Phillips.

Berger has maintained a strong connection to legal education. An adjunct professor of law at Loyola Law School in Los Angeles and at the University of Miami Law School, he has taught in continuing education programs of the American Law Institute-American Bar Association (ALI-ABA) and other organizations. He also has taught at law schools at Georgetown University; University of California, Los Angeles; University of Southern California; and Washington University. In 1989, ALI-ABA presented him with its Harrison Tweed Award for career contributions to postadmission legal education.

**Martin E. Galt III** (JD '67, GL '73) is being recognized for his career achievements in the financial services industry. Following service in the U.S. Army, Galt joined the St. Louis law firm Thompson, Walther, Shewmaker & Gaebe. While there, he returned to the School of Law part time for a master of laws in taxation. In 1980, Galt left the firm to become the general counsel for the St. Louis Union Trust Company, the predecessor organization to Boatmen's Trust Company, now a part of Bank of America.

He then became head of the personal trust division, president of the company and, ultimately, its chairman and CEO. Galt continued to serve in senior management when Boatmen's was acquired in 1996 by NationsBank, which eventually merged with Bank of America.

In 2000, he became president of the Investment Products Division of TIAA-CREF in New York. In 2005, he returned to St. Louis to become the chairman of the Commerce Trust Co., his present position.

**James L. Palenchar** (JD '75) is being honored for his success as a transactional lawyer. He started his career at Kirkland & Ellis in Chicago. He relocated to that firm's Washington, D.C., office in 1977 and then moved to the Denver office when it opened in 1981. As part of that office's management team, Palenchar grew the office to more than 50 lawyers. In 1993, he joined with a handful of his partners at Kirkland to found Bartlit Beck Herman Palenchar & Scott. In less than 15 years, Bartlit Beck has grown to 65 lawyers in its offices in Chicago and Denver, focusing exclusively on trial practice and business transactions. He is now a senior partner in Bartlit Beck, which, while small by national firm standards, has established itself as an elite law firm, handling "bet-the-company" matters, pioneering alternative billing practices and advancing the use of technology in the practice of law. Palenchar heads the firm's transactional practice from Denver.

**Phillip B. Polster** (JD '48) is being recognized for his career achievements and numerous contributions to the community. After studying law at the University under the G.I. Bill, Polster joined Bruninga & Sutherland, a two-partner patent law firm.

After Bruninga & Sutherland split, Polster's son

Philip joined him in practice to form the firm of Polster & Polster, whose clients included Emerson Electric Co. The firm, which has evolved into Polster, Lieder, Woodruff & Lucchesi, now has about 20 lawyers, all specializing in intellectual property and all are members of the patent bar.

Polster has served on the University City school board, was chairman of the Bar Association of Metropolitan St. Louis patent section and has served as deacon, elder and chairman of the board of trustees of the First Presbyterian Church of St. Louis.

### Distinguished Young Law Alumni

**William H. Freivogel** (JD '01) is being recognized for his outstanding career achievements. He is director of the School of Journalism at Southern Illinois University Carbondale and a professor at the Paul Simon Public Policy Institute. Previously, Freivogel worked for the St. Louis Post-Dispatch for 34 years. He earned his law degree while working as the paper's deputy editorial editor.

Award-winning coverage of law and justice characterized Freivogel's journalism career. While assistant Washington bureau chief for the Post-Dispatch, he covered the U.S. Supreme Court. A series of editorials he wrote in 2001 about Attorney General John Ashcroft and civil liberties abuses was a finalist for the Pulitzer Prize. A series about the Bill of Rights at 200 won the Sigma Delta Chi Distinguished Service Medal and an American Bar Association (ABA) Silver Gavel. Another he wrote with his wife, Margaret, about the Ronald Reagan administration's civil rights policies won the Sidney Hillman award. He was the principal contributor of a series about the Constitution that won the Benjamin Franklin Award and the ABA's Silver Gavel. A series on the Reagan administration's attempt to kill the Legal Services Administration won the Emery A. Brownell Award from the National Legal Aid and Defender Association.

**Connie McFarland-Butler** (AB '91, JD '96) the first African-American female partner at the St. Louis law firm of Armstrong Teasdale LLP, is being recognized for her successful career and service to the legal community. She is a trial attorney who has managed hundreds of cases involving the defense of high-stakes personal injury claims, complex torts, product liability and medical malpractice claims. McFarland-Butler has never lost a jury trial when she has served as lead counsel. She serves as an adjunct professor and teaches trial advocacy at the School of Law and also is an instructor for the National Academy for Trial Advocacy and a certified mediator. Among many awards, McFarland-Butler has received the John Emde Award for Trial Advocacy and Professionalism, the Milton F. Napier Award for Excellence in Trial Advocacy and the American College of Trial Lawyers Medal for Excellence in Advocacy.

**Irwin P. Raji** (JD '95) is being recognized for his career accomplishments. A partner in the Washington, D.C., office of Foley & Lardner, Raji has unique experience with the development of professional sports facilities, team operations, economic development, campaign finance and government ethics.

He is a key player in Major League Baseball's efforts to facilitate the construction of a new stadium for the Florida Marlins. He previously represented Major League Baseball in the relocation of the Montreal Expos, now the Washington Nationals, to Washington, D.C. He continues to provide counsel to the team.

Before joining Foley, Raji served as assistant counsel to the Al Gore/Joe Lieberman presidential campaign. He had previously served in the White House Office of Counsel to the President and later in the White House Office of Counsel to the Vice President.

He was a recipient of the 2004 American Marshall Memorial Fellowship, sponsored by the German Marshall Fund of the United States. Marshall Fellows study European institutions and explore economic, political and social issues.

## Sam Fox School of Design & Visual Arts to honor outstanding alumni

By LIAM OTTEN

The Sam Fox School of Design & Visual Arts will honor six outstanding architecture and art alumni at its first annual Awards for Distinction dinner April 17 at the Coronado Ballroom in the Coronado Hotel.

The awards recognize graduates who have demonstrated creativity, innovation, leadership and vision through their contributions to the practices of art and architecture, as well as to Washington University and the Sam Fox School.

"The Sam Fox School is dedicated to excellence in the teaching, creation, research and exhibition of architecture, design and visual art," said Carmon Colangelo, dean of the Sam Fox School and E. Desmond Lee Professor for Collaboration in the Arts. "These awardees — who are selected by their fellow alumni and by current faculty — embody that ambition through their outstanding professional achievements and serve as excellent models for new generations of students."

### Distinguished Alumni

**Hill Burgess** (BA '70, MArch '72) is director for projects at the architecture firm Wight & Co. in Chicago. Over the years, he has completed more than \$1 billion in finished buildings and major master plans for new commercial and residential developments, including the new Goodman Theater renovation, the NBC Tower and the Marshall Field's State Street Store renovation project as well as the transformation of a former army base into the new Town of Fort Sheridan. A registered architect in seven states, he is a LEED Accredited Professional and an influential advocate for the profession of architecture.

**David R. Dowell** (BA '89) is a partner and director of business development at el dorado inc., a high-end design and fabrication firm based in Kansas City, Mo. He earned a master's in architecture from the University of California, Berkeley, in 1994 and became a partner at el dorado in 1998. Current projects include multifamily affordable housing in Kansas City; a downtown bridge guardrail installation, in collaboration with artist James Woodfill; a light-based installation on the Troost Avenue Bridge, in collaboration with lighting designer Derek Porter; and Fairway Greenspace, a sustainable watershed management site design.

**Dennis J. Hall** (March '80) is founder and managing principal of Hall Architects Inc. in Charlotte, N.C., and a widely published authority on building information management. Over the years, he has received more than 20 design awards as well as five national specification competition awards. He is co-author of "The Architect's Guide to the US National CAD Standard," senior executive editor for the 11th edition of Architectural Graphics Standards, and is serving as editor-in-chief for the forthcoming Residential Graphic Standards.

**Jay W. Krueger** (BA '78, BFA '78) is senior conservator of modern paintings at the National Gallery of Art in Washington, D.C. Since joining the National Gallery in 1992, he has helped conserve many of the world's greatest paintings and has published numerous articles relating to his work. He is working with conservators and scientists from both the National Gallery and the Fogg Art Museum to devise preservation strategies for Mark Rothko's Seagram and Harvard murals.

**John Moore** (BFA '66) is one of the nation's foremost realist painters, known for creating formally complex compositions that incorporate still-life arrangements, urban landscapes and industrial

motifs. His paintings have been featured in more than 30 solo exhibitions, including 10 at Hirschl & Adler Modern in New York, and can be found in the collections of the Metropolitan Museum of Art in New York, the San Francisco Museum of Modern Art, the Art Institute of Chicago and other major museums. He chairs the Department of Fine Arts at the University of Pennsylvania.

**Garrison Roots** (MFA '81) has created dozens of collaborative and site-specific public art installations across the United States. Often allegorical in nature, his large-scale works frequently involve ambitious architectural changes — including new floors, walls and ceilings — that invite the viewer to walk through, rather than around, the exhibition space. He is chair of the Department of Art and Art History at the University of Colorado, Boulder, and the author of "Designing the World's Greatest Public Art" (2002), one of the few survey books on the subject.

### Young Alumni

**Cheree Berry** (BFA '00) is founder of Cheree Berry Paper, a graphic design firm specializing in one-of-a-kind wedding invitations filled with stunning, whimsical and unexpected details. In 2007, Berry was the featured stationery designer for the NBC program "Today throws a Martha Stewart Wedding," and this May will be honored by Modern Bride magazine as one of the wedding industry's Top 25 Trendsetters for 2008. Berry also is the author of "Hoorah for the Bra" (2006), a humorous pop-up book that takes a decade-by-decade look at the history of the brassiere.

### Dean's Medal for Distinguished Service

**Gyo Obata** (BArch '45) is a founding partner of Hellmuth, Obata Kassabaum, one of the world's largest architecture firms, which he launched in 1955 with partners (and fellow alumni) George Hellmuth and George Kassabaum. As the partner responsible for design, Obata developed a philosophy of "designing from the inside out," creating spaces that are not only functional but also enhance the quality of life for those who visit and inhabit them. Over his more than 50-year career, he has received dozens of honors and awards from the American Institute of Architects, the U.S. General Services Administration and many other organizations as well as an honorary doctor of fine arts degree from the University in 1990.

## Muscle

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age 50, people lose up to 0.4 percent of their muscle mass every year, making them less mobile, more prone to fractures and at risk for potentially life-threatening falls.

The researchers suggest their findings highlight the need for older women to eat plenty of protein, such as eggs, fish, chicken and lean red meat in conjunction with resistance exercises.

Previously, scientists have been unable to detect differences between men and women in muscle protein synthesis — the process through which the body builds muscle. But the latest research has found that in their mid- to late 60s, the female body's response to food and exercise starts to decline. Women are particularly at risk of muscle loss because they tend to have less muscle and more fat than men in early and middle age, so they are nearer to the "danger" threshold of becoming frail when they reach their 50s and 60s.

## Flood

### Building on a floodplain is a 'mistake'

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tinely do. That just encourages more infrastructure to move into these areas, when we should take the Times Beach and Valmeyer approach."

Criss refers to the community of Times Beach, Mo., which was abandoned following the flood of the Meramec River in 1982, and Valmeyer, Ill., which moved off the Mississippi floodplain and was rebuilt up on the river bluff after the flood of '93.

"An additional problem is that this is a starving world with comparatively little arable crop land,"

he said. "I object, from an environmental and geological point of view, to converting some of the best crop land in the world to strip malls and commercial real estate. This is a bad swap, and it's using the land for the wrong reasons."

Criss said that levees cause water to rise instead of spread out, and that the cumulative effect of levees and wing dykes on the large rivers north of St. Louis is beginning to manifest itself in flooding.

Criss said the claim that a levee will withstand floods for 500 years is an "absurd" exaggeration.

"If some private company were making claims that they'll sell you a car that will run for 500 years, they'd be in jail," Criss said. "Somehow, the government feels justified making absurd claims that have no basis."

Better zoning laws that encourage appropriate kinds of development for areas could be the solution to extreme flooding, Criss said.

"Everyone screams for more levees, which only encourage more development," he said. "These structures are not infallible, and when the levees fail — and they will, carefully though they are built — we just have more infrastructure in harm's way. It's not a very thoughtful approach."

"We ignore the natural system in what we do. These are floodplains. What do we expect of floodplains? They're great places to farm or construct a park. Losing crops that most likely are insured is different than losing millions of dollars per acre of buildings and infrastructure and, in some cases, lives," Criss said.



## Notables

### Human Resources offers Financial Education Seminars

WUSTL's Office of Human Resources cordially invites faculty and staff to Financial Education Seminars conducted by TIAA-CREF and Vanguard consultants.

The seminars will last about 90 minutes and will feature a discussion of basic investment choices and a review of some simple strategies and concepts to make sound investment decisions.

Topics will include:

- assessing a current financial situation;
- forming a specific financial plan;
- understanding basic types of investments; and
- maintaining diversification through asset allocation.

"With the current state of the stock market, the informa-

tion discussed at these meetings may be very timely and useful in helping an employee improve his or her retirement investment position," said Tom Lauman, director of benefits. "Benefits staff will be available after the meetings to assist with enrollments and changes."

#### The schedule:

**Tuesday, April 15, 2 p.m.,** Medical Campus, Moore Auditorium.

**Wednesday, April 16, 10 a.m.,** Danforth Campus, Simon Hall, Room 107.

**April 17, 10 a.m.,** West Campus, Library Conference Center, Room A/B.

Reservations are not required to attend a seminar. For more information, contact your benefits department.

## New Bunge classroom, Bunge scholarship reflect partnership with Olin Business School

By BARBARA REA

Bunge's strong relationship with the Olin Business School was cemented March 13 with a ceremony dedicating the new Bunge Classroom in the Charles F. Knight Executive Education Center. Bunge Limited is a leading worldwide agribusiness and food company with headquarters in White Plains, N.Y.; its North American operating arm is based in St. Louis.

The partnership began several years ago when Olin created customized leadership programs for Bunge executives. The programs have been successful for Bunge, and to show its support for the school's innovative curriculum, it recently provided Olin with a gift of \$300,000 for the Knight Center and to establish an endowed scholarship fund.

"We are grateful for this generous gift and appreciate Bunge's ongoing relationship with Olin and applaud its commitment to developing its key managers," said Mahendra Gupta, Ph.D., dean and the Geraldine J. and Robert L. Virgil Professor of Accounting and Management, at the dedication. The Bunge Scholarship Fund will support scholarships for undergraduate or graduate students in the Olin Business School.

Gupta also noted the presence of Bunge's leaders among the crowd, including Alberto Weisser, chairman and chief executive officer of Bunge Limited, and Carl Hausmann, Bunge North America's CEO. Hausmann serves on the University's advisory committee for the International Center for Advanced Renewable Energy & Sustainability (I-CARES), is a member of Olin's National Council and, with his wife, Silvia, serves on the Parents Council. Their daughter, Vanessa, is a freshman in Arts & Sciences.

With more than 22,000 employees in more than

450 facilities in 32 countries, Bunge needed a way to communicate its vision to hundreds of executives across a vast, worldwide organization. The solution was Olin's creation of a multiyear, modularized method custom-built by Olin faculty to address the company's managerial needs. To date, hundreds of Bunge's top executives have participated in these leadership development sessions. Close to 150 Bunge executives have completed the initial program, and another 100 executives have benefited from Olin's second set of customized sessions, called the executive development program.

In his remarks, Hausmann gave his take on the benefits of the Olin/Bunge partnership: "Through these executive education programs, Washington University professors are bringing new research to our people in the workplace," he said. "Our business is constantly evolving, and your teachers keep us on the cutting edge."

"We are honored to have Bunge's name as a permanent fixture in the Knight Center," Chancellor Mark S. Wrighton said. "Bunge and Washington University enjoy a dynamic partnership, and I am very grateful for its generous support."

Founded in 1818, Bunge has integrated operations that circle the globe and stretch from the farmer's field to the grocery shelf. Bunge North America is a vertically integrated food and feed ingredient company, supplying raw and processed agricultural commodities and specialized food ingredients to a wide range of customers in the livestock, poultry, food processor, foodservice and bakery industries. With headquarters in St. Louis, Bunge North America and its subsidiaries operate grain elevators, oilseed processing plants, edible oil refineries and packaging facilities, and corn dry mills in the United States, Canada and Mexico.

## For the Record

### In print

**Ramki Kalyanaraman**, Ph.D., assistant professor, and **Anup K. Gangopadhyay**, Ph.D., research scientist, both in the Department of Physics in Arts & Sciences, co-authored a paper titled "Heterogeneous Nucleation of Amorphous Alloys on Catalytic Nanoparticles to Produce 2D Patterned Nanocrystal Arrays," in the Dec. 5, 2007, issue of the Institute of Physics (IOP) journal Nanotechnology. The two are recognized for this work in "60 seconds with ... Authors Edition" on the IOP Web site. The "Authors Edition" showcases interviews with IOP authors who have published papers that are key to the advancement of physics and materials research.

### Speaking of

**Robert W. Sussman**, Ph.D., professor of anthropology in Arts & Sciences, discussed his long-term field research project in "Habitat Monitoring by GPS in Madagascar" during the "From Global to Local: Impact of Field Research in Biological Anthropology" session Feb. 17 at the annual meeting of the American Association for the Advancement of Science in Boston.

### Of note

**Michael Brent**, Ph.D., the Henry Edwin Sever Professor of Engineering, has received a \$219,247 subaward from the Wellcome Trust Sanger Institute for research titled "Integrated Human Genome Annotation: Generation of a Reference Gene Set." ...

**Lynette Cegelski**, Ph.D., a post-doctoral research scholar in the Department of Molecular Microbiology, was awarded a Burroughs Wellcome Fund Career Award at the Scientific Interface, which provides \$500,000 over five years. She was one of only 15 who received awards from a pool of 146 applicants. Her proposal was titled "Mapping the Structural and Functional Landscape of the Microbial Extracellular Matrix." ...

**Eric Duncavage**, M.D., and **Gerald Morris**, M.D., Ph.D., both

residents in immunobiology at the School of Medicine, were among 47 recipients nationwide of 2008 Seed Grant awards from the American Medical Association Foundation. The program provides \$2,500 grants to medical students, physician residents and fellows to conduct basic science, applied or clinical research projects. ...

**William D. Richard**, Ph.D., associate professor of computer science and engineering, received a \$99,931 award from Microsoft Research for research titled "Cell Phone as a Platform for Healthcare: Low Cost USB Ultrasound Probe." ...

**Richard B. Schuessler**, Ph.D., research associate professor of surgery (cardiothoracic surgery), has received a five-year, \$1,710,000 grant from the National Institutes of Health for research titled "The Role of Inflammation in Postoperative Atrial Fibrillation." ...

**Karen L. Wooley**, Ph.D., the James S. McDonnell Distinguished University Professor in Arts & Sciences, has received a two-year, \$232,000 grant from the National Science Foundation for research titled "Synthetic Methodology Development, Utilizing the Physical and Chemical Manipulation of Discrete Nanoscale Objects."

### Obituaries

#### Levitt, 50-year clinical professor, 86

**Joseph Levitt**, M.D., professor of clinical medicine, died Sunday, March 30, of complications of Alzheimer's disease at Garden View Care Center in Chesterfield, Mo. He was 86. Levitt joined the faculty in 1954 as an instructor of internal medicine and retired in 2004 as professor of clinical medicine.

#### Williams, 87

**Byron L. Williams**, Ph.D., affiliate professor of engineering and policy from 1989-1992, died Sunday, March 16, of congestive heart failure and pulmonary fibrosis at Mari de Villa retirement center in Town and Country, Mo. He was 87.

## Thurtene

— from Page 1

ties to enable more St. Louis children to attend.

The Black Repertory Theater Co. will return this year to present a play for children each day of the carnival. All shows are free and open to the public.

An enlarged stage will bring more community performance groups to campus that include the Ames Visual and Performing Arts School, an elementary magnet school located in North St. Louis, and America SCORES St. Louis, an affiliate of America SCORES, which provides a national model for youth development through a unique combination of soccer, poetry and community service. The Pikers and the Stereotypes, WUSTL a cappella groups, also will perform.

The first carnival was held May 9, 1907. It evolved from a circus to a vaudeville show in its early years. Rides appeared in 1914 when a freshman-powered

merry-go-round was featured.

In 1935, after a few years off and some festivals in other forms, a revival of the carnival by the Thurtene Junior Honorary evolved into what now is known as Thurtene Carnival.

The week preceding the carnival, called "Lot Week," receives recognition from the State of Missouri through an official declaration from the governor as "Thurtene Carnival Week." During this week, students work around the clock raising facades and practicing plays.

This year, students are documenting both Lot Week and the carnival with time-lapse photography. "We wanted a DVD that we

can hand to sponsors and use for promotional purposes," Beckley said. "It will be amazing to see how fast we create the carnival and how quickly we take it down."

Following tradition, at the conclusion of the carnival, the Thurtene Junior Honorary will present the Buckley Award for best construction of a facade and awards for best production, best food and best game booth.

Also to be awarded are the prestigious Chancellor's Charity Cup for the highest donation to charity and the coveted Burmeister Cup for best overall participation in the carnival.

For more information, visit [thurtene.org](http://thurtene.org).

### Carnival parking-lot closures

Thurtene Carnival has caused, and will cause, some closures in the North Brookings parking lot (Lot 4).

The first four and a half aisles of Lot 4 (closest to Brookings Drive) closed April 7. An additional 84 spaces on the east end of Lot 4 will be closed beginning Friday, April 11.

A portion of the areas closed on Lot 4 will reopen April 14, and all parking spots in Lot 4 will be open by April 18.

For more information about the closing or alternative parking sites, contact Parking Services at 935-5601.

## Macias

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Bancshares Inc. "His work as provost and executive vice chancellor for academic affairs will be vital in realizing the plans that are being developed for the future."

"Ed knows Washington University extremely well and has deep roots here and a broad set of relationships across all schools," said James E. McLeod, vice chancellor for students and dean of the College of Arts & Sciences. "He has an intimate knowledge of how things are done and has an extraordinary appreciation for the value of this intellectual community."

As provost, Macias will work with the seven school deans to coordinate and expand collaboration between the schools and will explore common educational areas such as interdisciplinary programs, intraschool programs and internationalization.

"Our success over the past

decade has included a significant increase in the quality of our students, faculty, programs and reputation," Macias said. "Our challenge today is to increase this trajectory. Our dedication to education and research will remain, but we must always strive to improve what we do. I'm looking forward to working closely with the schools and the central administration to encourage and implement our academic priorities."

Macias, who has served in many leadership roles at the University over the past 38 years, joined the Arts & Sciences faculty in 1970 as an assistant professor of chemistry and became a full professor in 1984. In the 1980s, he added administrative roles to his full-time teaching and research, serving as the director of the Summer School program and chair of the Department of Chemistry. In 1988, he was appointed provost, and, in 1995, he was named executive vice chancellor and dean of the faculty of Arts & Sciences.

His research interests include environmental and nuclear chemistry, focusing on the chemistry and physics of atmospheric particles and the effect of these particles on haze and air pollution.

Widely recognized as an academic leader, Macias has been called upon to assist national and governmental institutions, including the National Research Council of the National Academy of Sciences. He also regularly serves on accreditation and review teams at other universities in the United States and is vice-chair of the board for the Center for Research Libraries.

Macias earned a bachelor's degree from Colgate University in 1966 and a doctorate from Massachusetts Institute of Technology in 1970. Macias and his wife, Tedi, have been married 40 years.

They have two children, Matthew Macias and his wife, Genevieve; and Julia Macias Garcia and her husband, Danny Garcia. They also have three grandchildren: Marcus, Alec and Max.



## Washington People

**R**ebecca Messbarger, a scholar of the 18th-century Italian Enlightenment, stands in the harsh light of a medical school examination room holding the disembodied hand of a corpse. She turns the small, delicate hand on the dissection table, noting that the young woman's shapely nails had been well cared for in life.

Alone in her thoughts, Messbarger holds the woman's fingers in her own, gingerly preparing to make her first incision through the cool, pale skin. She struggles to see the hand not with her own eyes, but through those of Anna Morandi Manzolini, the First Lady of anatomical dissection and wax design and Messbarger's obsession for much of the past decade.

For a moment, it was as if an occult hand had swept Messbarger back in time, back to Morandi's modest 18th-century home in a working class neighborhood of Bologna, Italy, back to the kitchen-table laboratory where Morandi is believed to have dissected as many as a thousand cadavers.

"Morandi had a keen interest in the inner workings of human



Rebecca Messbarger, Ph.D. (right), talks with seniors Elizabeth Germino (center), a biology and Italian major, and Shannon Petry, a political science and Italian major, all in Arts & Sciences. "I consider myself extremely privileged to teach at Washington University for many reasons," Messbarger says, "but chiefly because of our exceptional students, the caliber of their work, their preparation, their intellectual curiosity and their healthy world view."

By GERRY EVERDING

# Dissecting life

Messbarger pursues 'learned women' of Italian Enlightenment

eyes, ears, hands and sex organs," says Messbarger, a member of the faculty since 1995. "She was a highly skilled anatomist and a wax modeler who relied on dissection to help her understand the body and represent it as human experience. Through her words and wax images, she helped pinpoint the anatomical designs enabling our sense of touch."

### New directions

For Messbarger, Ph.D., associate professor of Romance languages and literatures in Arts & Sciences, her gross anatomy lesson described above is just the latest in a series of academic twists and turns that have nudged her career in unforeseen and often fortuitous directions.

She took the human dissection course in 2006 during a semester-long immersion in practical anatomy and physiology at the School of Medicine. Her research is supported by a prestigious Andrew W. Mellon Foundation New Directions Fellowship, a national program that helps humanities faculty pursue scholarship outside their discipline for up to three years.

With primary expertise in literary analysis, culture and gender studies and a special interest in "learned women" in 18th-century Italy, Messbarger is using the fellowship to broaden her understanding of the history of medicine in Europe and explore how medical practice shaped intellectual discourse in the Enlightenment.

As part of the fellowship, she spent a semester taking graduate courses and collaborating with researchers at the University of Wisconsin-Madison, one of the na-

tion's leading programs in the history of science, medicine and technology.

This summer, she will spend two months in Florence researching 18th-century anatomical wax models at La Specola Museum. The research builds on her earlier work on Morandi and the science and art of anatomical wax design.

Messbarger's own "enlightenment" began early, as the oldest of six children growing up in a close-knit Irish-Catholic community near Rogers Park in Chicago. Her father, a professor of English at Loyola University Chicago, and her mother, a high-school history teacher, made a habit of reading to their children, an experience Messbarger credits as the springboard for her love of literature.

After high school, she joined her father at Loyola, a "faculty brat" with little direction in mind. "My father was the best academic advisor," she says. "He kept telling me not to declare a major, to try something else instead."

Messbarger tried everything but math, even college theatre. "I played Kate in 'Uncommon Woman' and a saucy maid in 'Angel Street,'" she says. "My dad was scandalized."

### The road to Rome

At Loyola less than a year, she announced plans to both "see the world" and "become Italian." Breaking protocols, she arranged to spend sophomore year at Loyola's campus in Rome, arriving with no grasp of the language.

"The experience was astonishing," she says. "I found myself transported to this new city, this new culture, this whole new way of looking at the world."

Deciding that college housing was isolating her from the culture, Messbarger worked with a local priest to arrange room and board in the home of an elderly man who needed help cooking — another skill in which Messbarger was far from fluent. The man's eccentric 75-year-old sister taught Messbarger the local cuisine. Armed with an Italian dictionary, she honed her language skills while babysitting on the beach at Anzio.

Messbarger returned to Loyola, graduating with a bachelor's degree, cum laude, in English literature in 1983. She went on to earn a master's degree in Italian literature from the University of Wisconsin-Madison in 1986 and a doctorate, with honors, in Romance languages and literatures from the University of Chicago in 1994.

She planned to specialize in 20th-century Italian literature, but Chicago mentors told her the field was overcrowded.

"Someone suggested 18th-century Italian was wide open, and it turned out to be fabulous advice," she says. "It's been a perfect match for my interests."

In 1991, she won a Fulbright to support dissertation research on the role of women in 18th-century public discourse, a project requiring long hours in the archival libraries of Rome and Venice. "There's something incredibly powerful," she says, "about holding a 250-year-old text in your own hands."

The project resulted in her first book, "The Century of Women: Representations of Women in Eighteenth Century Italian Public Discourse" (University of Toronto Press, 2002). Her book explores a pivotal transformation during the Enlightenment when Italian women entered centers of intellectual exchange — the academy, the university and the pages of respected publications — and there defended the integrity and rights of women.

"I was lucky to tap into this network of scholars who truly lived up to the ideals of the Enlightenment Republic of Letters," she says. "They were incredibly generous to guide this naive American graduate student."

### The lady anatomist

Through these connections, Messbarger began hearing tantalizing stories about Morandi, this intriguing woman anatomist whose place in history had long been obscured. When fresh tidbits surfaced over breakfast in a Venice cafe, she set out in search of a Bologna museum housing Morandi's work. Arriving late, she was directed down a deserted corridor and into a room of amazing wax models depicting human anatomy — full-sized statues and case after case of incredibly lifelike body parts.

Messbarger was hooked. After joining the faculty at WUSTL, she won a National Endowment for the Humanities fellowship to continue Morandi research in Bologna. With two sons, ages 3 and 5, in tow, she and her husband rented a "snug" 400-square-foot, fifth-floor walk-up overlooking the piazza and settled in for an extended stay.

Morandi, trained as an artist, began anatomical dissection and wax modeling as an assistant to her husband, who died young, leaving her to raise a family alone. She continued the business from her home, keeping a detailed 250-page journal and hosting lessons for crowds of medical students. Her intricate models earned patronage from Pope Benedict XIV, the Royal Society of London, Catherine the Great and Emperor Joseph II of Austria.

Messbarger's forthcoming book on Morandi, "Enlightenment Bologna and the Lady Anatomist" (University of Chicago Press), reclaims from obscurity the story of a pioneering woman scientist-artist who surmounted meager origins, limited formal education and gender bias to become the most acclaimed anatomical wax modeler of Enlightenment Bologna.

### A community of scholars

Modern humans' ongoing fascination with human anatomy is evidenced by shows such as Gunther von Hagens' "BODY WORLDS: The Original Exhibition of Real Human Bodies." However, in 18th-century Europe, the act of dissection was itself very much a spectator sport. Nobles paid large sums to observe autopsies from crowded galleries, and barber surgeons carried out their work with theatrical flair.

Messbarger helped bring this experience to the University in 2006, when she heard about a Chicago play loosely based on an autopsy depicted in Rembrandt's 1632 painting, "The Anatomy Lesson of Dr. Tulp."

Working with medical school professors Stephen Lefrak, M.D., Ira Kodner, M.D., and Walt Schlick, M.D., Ph.D., she arranged for the play's sensational mock dissection to be staged in Wohl Student Center. The production and panel discussion drew a standing-room crowd from both campuses.

Reaching out to scholars of like interest is nothing new for Messbarger. Twelve years ago, she founded the Eighteenth-Century Studies Salon, an interdisciplinary discussion group for faculty from English, history, philosophy, music, German, Spanish, French and Italian at WUSTL and from other area universities.

Next year, Messbarger will serve as president of the University's Association of Women Faculty. She served five years as director of undergraduate studies in Italian.

In addition to advanced Italian, she teaches courses spanning a range of literary and cultural themes and genres, including the Grand Tour, the "anti-detective" novel and Italian women writers.

"I consider myself extremely privileged to teach at Washington University for many reasons but chiefly because of our exceptional students, the caliber of their work, their preparation, their intellectual curiosity and their healthy world view," she says. "I am well aware that I am also a student in my classroom and try to build a sense of common ground through collaboration with and among my students."

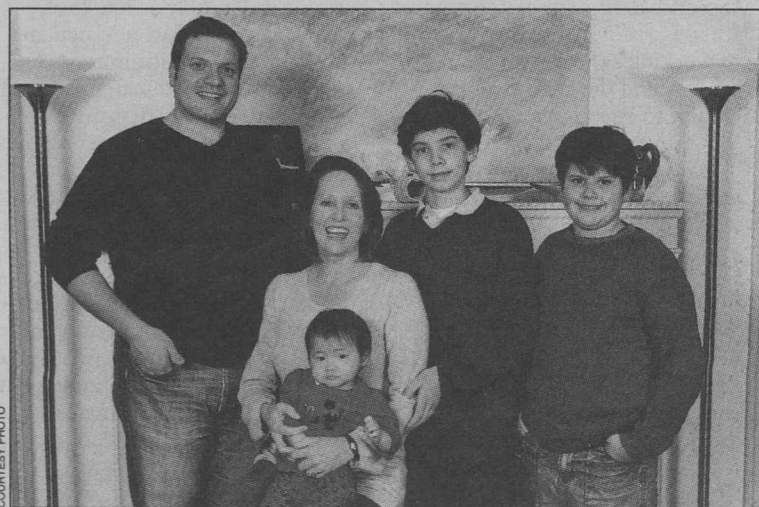
### Rebecca Messbarger

**Hometown:** Chicago, north side

**Swore:** She'd never follow her parents into teaching.

**Extended family:** Huge. She has 40 first cousins on her father's side alone.

**Hobbies:** Loves cycling, hiking in Colorado and grocery shopping at Italian stores on The Hill; taking karate lessons with her children and working toward a brown belt



(From left) Husband, Sam Fiorello; Rebecca Messbarger; daughter, Audrey, 18 months; and sons Graham, 13, and Max, 10. Audrey was adopted last August from China. Sam is chief operating officer of the Donald Danforth Plant Science Center.