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**Washington University Record, April 9, 2009**

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# Record



Washington University in St. Louis

April 9, 2009

record.wustl.edu

## New child-care facility to open on North Campus

By JESSICA DAUES

**T**he University will open a child-care facility on North Campus by the fall 2010 semester, announced Henry S. Webber, executive vice chancellor for administration.

The new child-care center will offer care for 150-175 children ranging in age from 6 weeks to 6 years.

The facility will be open to the children of faculty, staff and students, said Webber, chair of WUSTL's Child Care Committee, which was formed by the University in 2007 to make recommendations about how to improve child-care options for WUSTL families.

"This is an essential investment for the

University to remain competitive among its peer institutions, most of which — if not all — already offer the use of such a facility to their faculty, staff and students," Webber said.

"The accessibility of high-quality child-care options close to where parents work is a high priority for many faculty, staff and students, and it's a vital component of an academic community that allows its members to achieve fulfilling work and home lives," Webber said.

University employees currently have access to child-care facilities at St. Louis Children's Hospital and the University City Children's Center (UCCC), and the University operates the Washington University Nursery School on the Danforth

Campus. Still, Webber said, the demand for child care exceeds the supply. For example, there is a long waiting list for spots at the UCCC.

With the continued support of the UCCC and nursery school and addition of a child-care facility on North Campus, the WUSTL administration hopes to make child care more accessible to WUSTL employees and students.

"The University's relationship with the UCCC and the Washington University Nursery School, both exceptional care providers, will continue even after the opening of the new center," Webber said. "Our goal is to provide an array of high-quality child-care options for University families. Families will be able to choose a program that best

suits both the child's and parents' needs."

WUSTL will build a new structure for the child-care facility on North Campus, which will be accessible from the Danforth, West and Medical campuses by car and by MetroLink.

The University will finance the construction of the center and subsidize the center's utilities and major maintenance, but its day-to-day operations will be fully funded by users. Rates have not yet been set.

An outside vendor, Bright Horizons Family Solutions, which manages more than 600 child-care centers for universities, corporations, hospitals and government agencies, will operate the center. The WUSTL Child Care Committee chose Bright

See **Child Care**, Page 6

## Safer methadone use found for pain and addiction

By JIM DRYDEN

**N**ew findings may significantly improve the safety of methadone, a drug widely used to treat cancer pain and addiction to heroin and other opioid drugs, according to researchers at the School of Medicine and the University of Washington in Seattle.

The researchers discovered that the body processes methadone differently than previously believed. Those incorrect assumptions about methadone have been making it difficult for physicians to understand how and when the drug is cleared from the body and may be responsible for unintentional under- or overdosing, inadequate pain relief, side effects and even death.

For many years, methadone has been a mainstay in the treatment of opioid addiction. Taken orally, it suppresses withdrawal and reduces cravings. Recently, doctors have prescribed methadone more frequently as an effective treatment for acute, chronic and cancer pain. Use of the drug for pain treatment rose 1,300 percent between 1997-

2006. As more methadone was prescribed, however, adverse events increased by about 1,800 percent, and fatalities were up more than 400 percent (from 786 to 3,849) between 1999-2004.

"Unfortunately, increased methadone use for pain has coincided with a significant increase in adverse events and fatalities related to methadone," said principal investigator Evan D. Kharasch, M.D., Ph.D., the Russell D. and Mary B. Shelden Professor and director of the Division of Clinical and Translational Research in Anesthesiology. "The important message is that guidelines used by clinicians to direct methadone therapy may be incorrect."

Kharasch, an anesthesiologist and clinical pharmacologist at the School of Medicine and Barnes-Jewish Hospital, and his colleagues reported the findings in the March issue of the journal *Anesthesiology* and online in the journal *Drug and Alcohol Dependence*.

The investigators wanted to understand how protease inhibitors, drugs that keep the immune

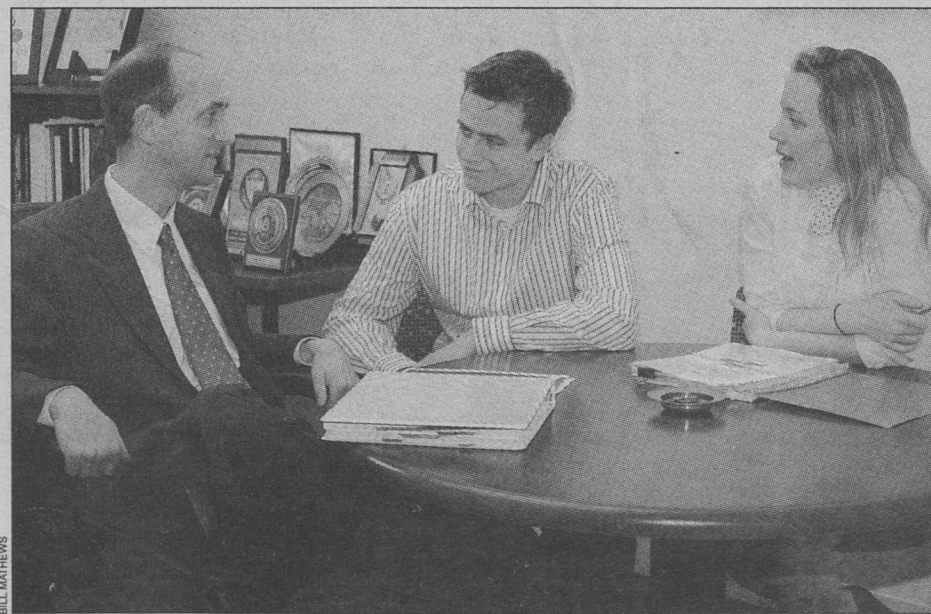
See **Findings**, Page 7



**Women to women** Members of the Olin Business School community organize donations to the WUSTL military care package group's special "Wash U Women to Military Women" collection March 27. Earlier that month, the care package group, which sends care packages of donated items to U.S. troops serving overseas, asked the WUSTL community to donate objects requested by female soldiers serving in Iraq, such as brightly colored towels, fuzzy socks and lights. The group collected 549 pounds of donations, about one-third of which were general items such as snacks, batteries and toiletries, for its largest mailing yet. (From left) Claire Patterson, administrative assistant; Mary Pat Sueme, assistant director of MBA admissions; Joe Blockman, MBA student; Earl Banez, computer specialist; and Jackie Slack, graduate business registrar. For more information about the group or to donate, contact Jill Edwards at 935-5623 or jilledwards@wustl.edu.

## Law students gain international justice experience

By JESSICA MARTIN



Thomas Schweich, J.D. (left), ambassador in residence, meets with law students Dan Tierney and Laura Crane in his office.

**T**hird-year law students Laura Crane and Dan Tierney will begin their legal careers with a unique foreign policy perspective, thanks to an internship with the law school's 2008-10 ambassador in residence, Thomas Schweich, J.D.

Schweich, in addition to serving as a visiting professor of law, is working as special representative for Central America, Mexico and the Caribbean for the United Nations Office on Drugs and Crime (UNODC). Crane and Tierney were selected to aid Schweich in preparing for meetings with senior diplomats, politicians and law enforcement officers in the region.

The students conducted research on opportunities for possible UNODC programs in Central America, Mexico and the Caribbean involving international policy and justice issues as well as working to develop potential areas for UNODC involvement with the Merida Initiative.

The Merida Initiative is a partnership

between the United States, Mexico and Central American nations to help stop illegal drug trafficking.

"Laura and Dan are very bright, capable people," Schweich said. "They are true triple threats. Both are excellent oral presenters, skilled writers and show real potential as diplomats as well. They produced high-quality papers that were extremely well-received."

In the summer of 2008, Crane accompanied Schweich on a trip to the UNODC headquarters in Vienna to discuss concerns facing Mexico and opportunities for the UNODC to build its presence in Central America and the Caribbean.

"I worked closely with Ambassador Schweich in advance of our trip to Vienna to become versed in the challenges that the region faces," Crane said. "This knowledge was quickly put to use in our visit to Vienna, where I was able to see firsthand the way in which high-level diplomatic meetings are conducted."

Crane will accompany Schweich for a

See **Justice**, Page 6



# Alumni create socially conscious fellowship program

By BARBARA REA

Acting on a strong commitment to social justice forged as students in the late 1960s, Washington University alumni are giving back to their campus community by establishing a fellowship program for graduate students willing to tackle St. Louis' toughest urban social problems.

Husband and wife alumni Louise Veninga and Ben Zaricor, together with alumnus George Zimmer and his wife, Lorri, have made a combined gift of \$750,000 to create "Birds of Passage: The Zimmer and Veninga-Zaricor Fellows." The fellowship will reside in the American Culture Studies Program in Arts & Sciences.

Part of a larger effort to expand American culture and urban studies at WUSTL, the Birds of Passage program will strengthen University ties with the St. Louis region while providing field experience for socially conscious graduate students.

"This is a gift given truly from the heart," Chancellor Mark S. Wrighton said in announcing the gift. "Louise, Ben, George and Lorri share a vision that is fueled by passion and genuine commitment to Washington University and to St. Louis. How fortunate we are to be the recipients of such remarkable and creative generosity, for which we are truly grateful."

The fellows program begins at a time when the University and particularly Arts & Sciences are reinvigorating their academic commitment to applied social sciences and urban studies.

"The gift fits in perfectly with Arts & Sciences' current focus to strengthen and expand the American culture and urban studies programs," said Ralph S. Quatrano, Ph.D., interim dean of Arts & Sciences and the Spencer T. Olin Professor in Arts & Sciences. "This renewed emphasis, coupled with the University's ongoing plan to increase multidisciplinary efforts within Arts & Sciences and across the schools, creates an amazing learning opportunity for graduate students."

"The Birds of Passage Fellowship adds a strong component to the undergraduate and graduate programs of American

culture studies, which emphasizes engaged study, often through community involvement," said Randall L. Calvert, Ph.D., director of the program and the Thomas F. Eagleton University Professor in Arts & Sciences.

Calvert is pleased that the first recipient is Suzanne Pritzker, a doctoral candidate in the George Warren Brown School of Social Work.

"Suzanne is an ideal inaugural fellow," Calvert said. "The award both complements and contributes to her research on civic development among youth, focusing on locally based service learning opportunities. We are pleased that it will effectively promote her professional development as a researcher and teacher while offering such a valuable learning opportunity to our undergraduate students."

Not to be overlooked is the gift the Zimmers, Veninga and Zaricor are giving to St. Louis, their "home away from home" while matriculating at WUSTL. Wayne Fields, Ph.D., the Lynne Cooper Harvey Distinguished Chair in English and the former director of American culture studies, who has known some of the donors for more than three decades, explained their motivation to support this program:

"They came of age during the civil unrest of the Sixties, and they feel a responsibility to contribute solutions to pressing social challenges," Fields said. "At the same time, they recognize the unique ability of a great university to address these issues, not the least of which is a steady influx of socially conscious young men and women, now and in the future, who have a passionate wish to put their ideas to the test for the good of society."

The three alumni have left their mark in the business world. George Zimmer is the founder and chief executive officer of Men's Wearhouse, the largest retailer of men's tailored suits and dress casual clothing in the United States and Canada. He opened the first store in 1973, three years after graduating from WUSTL with a bachelor's degree in economics in Arts & Sciences. He now presides over 1,200 stores producing \$2.1 billion in sales annually.

His personal commitment to social responsibility is reflected in his corporate philosophy supporting charitable contributions and

## Pritzker named first 'Birds of Passage' fellow

By GERRY EVERDING

Suzanne Pritzker, a doctoral student in the George Warren Brown School of Social Work, is the first recipient of a one-year research and teaching fellowship from the "Birds of Passage: The Zimmer and Veninga-Zaricor Fellows" program.

As part of the fellowship, Pritzker is teaching an innovative 2009 spring semester undergraduate course on "Citizenship and Public Service." The course, which she developed, examines historic and modern views of what it means to be a citizen in a democratic country, and whether citizens have an obligation to participate in civic life and engage in public service.

Students are expected to participate each week in at least three hours of community service as part of individual, semester-long service-learning experiences coordinated by WUSTL's Gephhardt Institute for Public Service. Students will be encouraged to draw on these experiences as the class explores ways to increase citizen involvement in American civic life.

Pritzker earned a bachelor's degree in history and a master's degree in education from the University of Virginia and a master's degree in social work from Virginia Commonwealth University.

Before pursuing social work education, she

spent several years working with state governmental agencies, including as a policy adviser in the Office of the Virginia Secretary of Education and as an analyst for a Virginia General Assembly joint legislative commission.

Pritzker's doctoral work has been supported by a Mr. and Mrs. Spencer T. Olin Fellowship for Women in Graduate Studies. As a student in the American culture studies graduate certificate program, she has undertaken interdisciplinary course work supported by WUSTL's Lynne Cooper Harvey Fellowship program.

She is interested in the development of youth as political actors. She conducts research on civic engagement, youth development, social policy and the efficacy of service-learning as a civic intervention for adolescents.

During the 2008 election, Pritzker led a survey of WUSTL students' political views and participation as part of a Gephhardt Institute study. Her co-researchers include Melanie Springer, Ph.D., assistant professor of political science in Arts & Sciences, and Amanda Moore McBride, Ph.D., director of the Gephhardt Institute and assistant professor of social work.

Her dissertation research, funded by the Ford Foundation through a grant to the Brown School's Center for Social Development, is titled "Understanding Political Involvement Among Disadvantaged Adolescents." She expects to earn a doctoral degree in social work in May 2009.

encouraging volunteerism. In 1992, he established the Zimmer Foundation to provide scholarships for employees and their families. His firm has made "Fortune Magazine's 100 Best Companies to Work For" for the past several years.

A generous donor to Arts & Sciences, Zimmer has provided scholarships for more than a decade.

Ben Zaricor (A.B. sociology 1970) and Louise Veninga (M.A. urban studies '72) developed a business in the herb, spice and tea trade with their pioneer trade work with China after President Richard Nixon's initiative to open relations with China in 1971. They created a company after moving to Santa Cruz, Calif., named Fmali that sourced, processed and supplied their products to major food and beverage companies in the United States and Europe for more than three decades. They also are authors and publishers of two books: "The Ginseng Book" and "Goldenseal Etc."

Veninga and Zaricor co-founded the various trade associations for herbs and supple-

ments and developed many of what today are industry standards for the use of botanicals in the United States.

Veninga and Zaricor also developed a national tea brand, Good Earth Teas, which was sold to Tetley Tea Group/Tata Tea Group in 2005. They retain the rights to the Good Earth Restaurants, a pioneer in the fresh natural foods restaurant category for 40 years.

Veninga and Zaricor have been recognized for their unique collection of historical flags, especially their American collection that has been recognized as a national treasure by historians as it contains some of the most historic surviving American

flags. A book and PBS documentary have been produced about their collection under the title "The American Flag: Two Centuries of Concord & Conflict."

The PBS film and book feature Fields and Henry Berger, Ph.D., professor emeritus of history in Arts & Sciences, plus alumnus and Hollywood filmmaker Harold Ramis and documentarian Phillip Koch.

Fields chairs a committee of faculty and community leaders that select future Birds of Passage Fellows.

For information on the fellowship program and submissions, contact American culture studies at 935-5216.

## Special-needs dependents subject of MetLife workshop

WUSTL's Office of Human Resources invites all faculty and staff and their spouses/domestic partners to an annual workshop on "Planning for the Future of a Child or Other Dependents With Special Needs."

A representative from MetLife's Division of Estate Planning for Special Kids will conduct the workshop and discuss a service called MetDesk. MetLife underwrites WUSTL's life-insurance coverage.

The topics that will be addressed are: eligibility for government benefits, guardianship/conservatorship and financial security and funding options.

"Parents of children with special needs, no matter what the child's age or disability, may have many serious questions about how best to provide for their child's future," said Tom Lauman, director of benefits.

"We realize that some employees face unusually difficult plan-

ning decisions regarding the welfare of their child, and the most important of those is probably how to provide for ongoing care after their death," Lauman said.

These workshops will provide important information about developing a personal plan.

Lauman said that even though a MetLife representative will be making the presentation, employees are under no obligation to use a MetLife estate planner.

The schedule:

- April 21, Medical Campus, Farrell Learning and Teaching Center, Room 214 A&B, noon;
- April 22, Danforth Campus, North Brookings Hall, Room 222, noon;
- April 23, West Campus, West Building, Human Resources, Conference Room 150, noon.

Reservations are not required. For more information, contact 935-5931 for Danforth employees or 362-4929 for School of Medicine employees.

## Walsh to deliver Bensinger Lecture

By JESSICA MARTIN

Froma Walsh, Ph.D., co-director and co-founder of the Chicago Center for Family Health, will deliver the Susanna Bensinger Clinical Lecture on "Strengthening Family Resilience: Overcoming Life Challenges" at 4 p.m. Tuesday, April 14, in the Brown Hall Lounge.

The lecture is free and open to the public.

Walsh, the Mose and Sylvia Firestone Professor Emerita in the School of Social Service Administration at the University of Chicago, is the leading expert on a family resilience practice approach to fostering recovery from crisis, trauma and loss as well as navigating disruptive life transitions and widespread disasters.

For more information, contact Terri Behr at 935-6630.



**Faces of Hope** Students Rachel Lyons (left), Gregg Kennedy and Margaret Burke discuss the community involvement of the Catholic Student Center during Faces of Hope, a University-wide celebration of civic engagement and community service April 2 in Whitaker Hall. During the event, Chancellor Mark S. Wrighton and former U.S. congressman Richard A. Gephardt led a ceremony highlighting the University's commitment to local, domestic and international communities. "This unique gathering gives us a chance to recognize highlights of the past year as well as reaffirm the University's commitment to community service," said Robin Hattori, program director of the Gephhardt Institute for Public Service.



## School of Medicine Update

# TV crime drama compound shows immune cells' misdeeds

By MICHAEL C. PURDY

Detectives on television shows often spray crime scenes with a compound called luminol to make blood glow. School of Medicine researchers have applied the same compound to much smaller crime scenes: sites where the immune system attacks the body's own tissues.

The authors reported in *Nature Medicine* that injected luminol glows blue at sites of active immune inflammation in living mice, and that they can detect this glow from outside the mice with scientific cameras.

Immune inflammation is thought to be a critical component of arthritis and other autoimmune diseases, atherosclerosis, some forms of cancer and neurodegenerative disease. Noninvasively imaging such inflammation should help scientists better understand and control it, the researchers said.

"It's quite striking how specific and sensitive this approach is," said senior author David Piwnica-Worms, M.D., Ph.D., professor of radiology and of developmental biology. "For example, we have evidence that this technique can highlight inflamed tissue that is on the way to becoming cancerous but not

yet discernible via visual or tactile inspection."

Piwnica-Worms said cardiologists now say immune inflammation is a key component that makes an arterial plaque dangerous. Such inflammation causes platelets to bind to plaques, leading the plaques to rupture or break away and putting the patient at risk of heart attack, stroke or lung clots.

For now, blood vessels of the chest and torso are too deep within the body to image with this approach. But vessels of the leg and neck are close enough to the skin that the technique may be "directly translatable" to use in human patients, Piwnica-Worms said.



Piwnica-Worms

Lead author Shimon Gross, Ph.D., a postdoctoral fellow, proposed that luminol might be used to image inflammation when he found earlier studies

linking luminol bioluminescence with myeloperoxidase (MPO), a protein some types of immune cells use to make bleach during the inflammatory process. When activated, cells known as phagocytes use MPO to make the bleach in pockets. They seek out and swallow invaders and then push the invaders into the bleach-filled pockets to kill them.

In television dramas like "CSI," detectives spray a mixture of hydrogen peroxide and luminol onto crime scenes. The mixture reacts with iron from blood, which acts

**"It's quite striking how specific and sensitive this approach is. For example, we have evidence that this technique can highlight inflamed tissue that is on the way to becoming cancerous but not yet discernible via visual or tactile inspection."**

DAVID PIWNICA-WORMS

as a catalyst and causes the luminol to glow. In the living body, though, iron isn't as accessible.

Gross and Piwnica-Worms injected luminol into mice anticipating that they would need a way to distinguish immune inflammation from other processes that

might also cause the luminol to luminesce. Instead, they found the compound only glowed at sites of immune inflammation involving MPO. In mice lacking the MPO gene, no glow could be detected.

To further test the new tech-

nique, Lee Ratner, M.D., Ph.D., professor of medicine and of molecular microbiology, provided a line of mice that models a type of tumor known to be rife with active immune cells. Injected luminol not only lit up established tumors, but it also highlighted areas of inflammation that would later become tumors.

Scientists also used the technique to show inflammation in a mouse model of acute arthritis. Piwnica-Worms said applying luminol in this context could improve arthritis patient management and enable rapid assessment of the effectiveness of new treatments.

## Jones to head Human Research Protection Office

By BETH MILLER

Martha F. Jones has been named executive director of the Human Research Protection Office effective April 6.

As executive director of human studies, Jones will be responsible for planning, developing and implementing processes, systems, programs and activities to support the University's Institutional Review Board (IRB).

Jones was director of the Human Subjects Office at the University of Iowa in Iowa City since 2004 and chair of the university's IRBs since 2002. In those roles, she directed the administrative activities of the Human Subjects Office in support of IRBs and chaired boards overseeing biomedical, social science/behavioral and Veterans Administration research.

She was instrumental in leading the University of Iowa to become the first U.S. academic

institution to achieve accreditation from the Association for Accreditation of Human Research Protection Programs in 2003. She also developed, implemented and led the transition from a paper-based Human Research Protection Program application and database tracking system to an electronic integrated system.

Jones was course co-director of Clinical Research Ethics in the Iowa Scholars in Clinical Investigation and the University of Iowa College of Public Health. She has served as a site reviewer for the Association for Accreditation of Human Research Protection Programs since 2007.

She had been on the University of Iowa staff since 1983 in various roles.

Jones earned a bachelor's degree in speech pathology and audiology and a master's degree in audiology, both from the University of Iowa.



Jones

## Dehner receives pathologists' highest honor

By MICHAEL C. PURDY

Louis P. "Pepper" Dehner, M.D., received the Distinguished Pathologist Award of the United States and Canadian Academy of Pathology (USCAP) at the academy's 2009 annual meeting in March. The Distinguished Pathologist Award is its highest honor.

Dehner, professor of pathology and immunology and professor of



Dehner

pathology in pediatrics, is renowned for his skills as a surgical pathologist and for his work in diagnosing childhood tumors.

Thanks to the groundwork laid by Dehner, physicians are working to improve survival rates of pleuropulmonary blastoma (PPB), a rare childhood cancer that leads to formation of lung tumors in the first five years of life and also can cause brain cancer and other tumors, by increasing early diagnosis. The disorder is now being characterized at the molecular and genetic level via an international PPB family registry that Dehner helped create with Jack Priest, M.D., a pediatric hematologist-oncologist in St. Paul, Minn.



**We're jammin'** (From left) School of Medicine students Josiah Gerdtz, Alex Edwards, Brandon Holmes and Bruce Canham play at a recent afternoon coffeehouse performance at the Farrell Learning and Teaching Center. Students sang and played instruments at the coffeehouse, sponsored by the Student Arts Commission, which organizes an annual art show, a coffeehouse performance series and the Hippocrene, an annual student literary/arts magazine.

## Nanotechnology institute formed

By GWEN ERICSON

Funding from the Missouri Life Sciences Research Fund, part of the 1998 state tobacco settlement, will establish the St. Louis Institute of Nanomedicine Working Group, a collaborative regional effort to apply advances in nanotechnology to the treatment of human diseases.

Nanotechnology refers to materials, structures and devices that are smaller than 100 nanometers, so small that thousands can fit within the dot above the letter "i." They can be designed to perform useful tasks or functions, including a variety of medical applications.

By bringing together skills and expertise from several area institutions, the institute will promote joint research projects and permit sharing of equipment and other resources. Washington University, the University of Missouri-St. Louis, Saint Louis University and St. Louis Community College are among the founding members of the new institute.

"The institute will assemble a broad base of regional expertise in nanotechnology, medicine, technology transfer and education to create novel solutions to complex health-care problems," said Samuel A. Wickline, M.D., professor of medicine, of physics in Arts & Sciences, of biomedical engineering and of cell biology and physiology. "It will be an inclusive, open network that will cultivate

research and improve the ability to translate scientific discoveries into practical applications."

Wickline, who heads the Siteman Center of Cancer Nanotechnology Excellence, leads the effort at Washington University, along with co-principal investigator Dong Qin, Ph.D., associate dean for research in the Department of Energy, Environment and Chemical Engineering in the School of Engineering & Applied Science.

Also involved as representatives of the other founding institutions are Jingyue Liu, Ph.D., professor of physics and chemistry and director of the Center for Nanoscience at the University of Missouri-St. Louis; Maulik R. Shah, M.D., Ph.D., assistant professor of pediatrics in the Division of Medical Genetics at Saint Louis University Cancer Center; and Richard J. Norris, Ph.D., director of Plant and Life Sciences at St. Louis Community College.

The institute focuses on the development and evaluation of new nanotechnologies for health care; the facilitation of commercialization and testing in patients; and the education of a new workforce and of the public at large.

The collaboration will seek ways to apply nanotechnology to early detection of disease through enhanced imaging of the human body. It will explore the use of nanotechnology for diagnosing disease and delivering drugs to targeted locations such as tumors or atherosclerotic plaques. It also will sponsor projects to evaluate the safety of nanotechnology for medical use.

The grant will fund about four pilot projects each year that will conduct research and train undergraduate and graduate students in the field.

"The pilot projects will expand the portfolio of nanomedicine ideas and attract new talent to the field, effectively increasing the regional nanomedicine infrastructure," Wickline said.

The Missouri General Assembly allocated \$13.4 million to the Life Sciences Research Trust Fund in 2007 and '08. The Life Sciences Trust Fund was established in the 2003 legislative session. It channels 25 percent of the state's tobacco settlement proceeds into building life-sciences research capacity.

The St. Louis Institute of Nanomedicine Working Group received \$1.5 million for three years for its research and education efforts. Ultimately, the group plans to secure additional support for regional nanotechnology research and training efforts so that the nanotechnology enterprise of the region can expand.



# University Events

## Antiwar classic 'Mother Courage' PAD's spring play

By LIAM OTTEN

Armies burning with religious fervor, towns overrun by mercenary violence, a family disintegrating amidst the crossfire.

Bertolt Brecht's "Mother Courage and Her Children" is widely considered the greatest antiwar play of the 20th century. Beginning April 17, the Performing Arts Department (PAD) in Arts & Sciences will present this epic tale of a protective yet all-too-pragmatic matriarch as its spring Mainstage production.

Performances take place in Edison Theatre at 8 p.m. April 17 and 18 and at 2 p.m. April 19. The show continues the following weekend at 8 p.m. April 24 and 25 and at 2 p.m. April 26.

Brecht wrote "Mother Courage" in 1939, in the shadow of the Nazi invasion of Poland but set the story during the Thirty Years War, which raged across Germany and most of Europe between 1618 and 1648. The PAD production — based on the translation by British playwright David Hare — updates the setting to a kind of timeless, post-Apocalyptic present.

"It should feel like a contemporary every-war," said director William Whitaker, senior lecturer in drama. "There's a protracted,

relentless struggle that nobody quite understands, and the balance of power keeps shifting back and forth. But nothing is so literal that you necessarily think of Iraq or Afghanistan or Belfast or the Gaza Strip."

The plot centers on Anna Fierling, nicknamed "Mother Courage," who travels from camp to camp with her three children, selling food, shoes and brandy from a hand-pushed canteen cart.

"Mother Courage tries to work both sides," Whitaker said. "She's always cutting a deal, and there's debate about whether she's a survivor or a profiteer. But ultimately the war takes everything from her."

"Elif, the elder son, can't wait for the fighting," Whitaker said. "The feckless younger son, Swiss Cheese, is sweet and honest but not the sharpest knife in the drawer." Daughter, Katrin, though rendered mute by a traumatic encounter with a group of soldiers, remains "probably the sanest of the bunch," he said.

Still, for all its tragedy, "Mother Courage" is leavened with mordant humor and — though it is unlikely to be mistaken for a musical — song and dance. "There are funny lyrics, strange characters, ridiculous situations, even a lecherous



Senior Kaylin Boosalis portrays the title character Mother Courage in the PAD's spring Mainstage production at Edison April 17-26.

chaplain," Whitaker said. "Brecht has the very contemporary idea that the people one is supposed to most revere are actually sketchy at best."

"Brecht never gets sentimental," said Whitaker, who previously directed the playwright's "Good Person of Szechuan" for

the PAD. "He doesn't want you to feel sorry for Mother Courage, and he never wants you to get lost in the story."

"He wants you to go out and do something," Whitaker said.

The cast of 17 is led by senior Kaylin Boosalis as Mother Courage. Katrin, Elif and Swiss

Cheese are played, respectively, by senior Alexa Shoemaker and sophomores Jonathan Levinson and Dan Tobin. Freshman Sam King is the cook, and junior Catherine Moreton portrays the camp prostitute, Yvette. Senior David Weiss is the chaplain. Ten ensemble players combine for an additional 28 roles.

Stage design — by Michael Loui, scene shop supervisor and technical director in the PAD — is pointedly spare and stripped of theatrical artifice, with lights, scaffolding, musicians and backstage crew all visible to the audience.

Costumes, which variously suggest looted stores and Desert Storm camouflage, are by Bonnie Kruger, senior lecturer in drama.

Original music — by Jeff Noonan, teacher of applied music in Arts & Sciences — is based on 17th-century themes but ranges from rock to Gregorian chant. The four-piece band is led by senior Luis-Michael Zayas. Lighting is by lecturer Sean Savoie.

Tickets — \$10 for students, faculty, staff and senior citizens and \$15 for the public — are available through the Edison Theatre Box Office and through all MetroTix outlets.

For more information, call 935-6543 or visit padarts.wustl.edu.

## Forever the Moment • Texts and Other Demons • Jimi Hendrix

"University Events" lists a portion of the activities taking place April 9-22 at Washington University. Visit the Web for expanded calendars for the Danforth Campus (news-info.wustl.edu/calendars) and the School of Medicine (medschool.wustl.edu/calendars.html).

### Exhibits

**"Eero Saarinen: Shaping the Future."** Through April 27. Mildred Lane Kemper Art Museum. 935-4523.

**"Expressions of Jewish Life Through Texts and Objects."** April 6-June 28. Olin Library, Lvl. 1, Grand Staircase Lobby and Ginkgo Rm. 935-4151.

### Film

#### Tuesday, April 14

**7 p.m. Asian and Near Eastern Languages and Literatures Film Screening.** Yim Soon-rye: Women in Korean Cinema 2009. "Waikiki Brothers" (2001). Yim Soon-rye, dir. (Q&A to follow.) Co-sponsored by International and Area Studies and East Asian programs. Brown Hall, Rm. 118. 935-5110.

#### Wednesday, April 15

**7 p.m. Asian and Near Eastern Languages and Literatures Film Screening.** Yim Soon-rye: Women in Korean Cinema 2009. "Forever the Moment" (2006). Yim Soon-rye, dir. (Q&A to follow.) Co-sponsored by International and Area Studies and East Asian programs. Brown Hall, Rm. 100. 935-5110.

#### Wednesday, April 22

**6:30 p.m. Japanese Film Series.** "Tony Takitani." Jun Ichikawa, dir. Seigle Hall, Rm. 103. 935-5110.

### Lectures

#### Thursday, April 9

**4 p.m. Assembly Series.** Biggs Lecture. Richard Martin, Homeric poetry and ancient Greece scholar. Steinberg Aud. 935-5285.

**4 p.m. Vision Science Seminar Series.** "Genetic Origins of Cataracts: Exotic Genes for an Obscure Trait." Alan Shields, assoc. prof. of ophthalmology. Maternity Bldg., Rm. 725. 362-3315.

**7 p.m. Assembly Series.** The Onion Guys, satirists. Co-sponsored by WUnderground and University Libraries. 935-5285.

#### Friday, April 10

**9:15 a.m. Pediatric Grand Rounds.** "Simulation-Based Training: The Intersection of Performance Assessment and Safe Practice." David Murray, prof. of anesthesiology. Clopton Aud., 4950 Children's Place. 454-6006.

**11 a.m. Computer Science & Engineering Colloquium.** "Provenance in Scientific Visualization." Carlos Scheidegger, U. of Utah. Cupples II Hall, Rm. 217. 935-6160.

**4 p.m. Dept. of Music Lecture Series.** "In the Treasure Chamber of Memory: Medieval Music in Modernity." Annette Kreutziger-Herr, Principia College. McMillan Hall, Rm. 149. 935-5566.

#### Monday, April 13

**Noon. Work, Families and Public Policy Brown Bag Seminar Series.** "AIDS and Economic Development: The Role of Reproductive Health and Family Planning Policies." Raul Santaeulalia-Llopis, asst. prof. of economics. Seigle Hall, Rm. 348. 935-4918.

**3 p.m. Siteman Cancer Center Neuro-Oncology Research Group Seminar Series.** "Brain Tumor Response Assessment With Imaging." Robert McKinstry, assoc. prof. of radiology. South Bldg., Rm. 3907, Philip Needleman Library. 454-8981.

**4 p.m. Immunology Research Seminar Series.** Paul E. Lacy Lecture. "Toll-like Receptor Signaling." Shizuo Akira, Osaka U. Moore Aud., 520 S. Euclid Ave. 362-2763.

**5:30 p.m. Cardiac Bioelectricity & Arrhythmia Center Seminar.** "Impulse Propagation During Development and Disease." Glenn I. Fishman, prof. of medicine, New York U. (5 p.m. reception.) Whitaker Hall, Rm. 218. 935-7887.

#### Tuesday, April 14

**Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "Mining the Cell Surface: How Helicobacter Pylori Colonizes and Grows on the Epithelium." Manuel Amieva, asst. prof. of pediatrics and microbiology & immunology, Stanford U. School of Medicine. Cori Aud., 4565 McKinley Ave. 362-2772.

**4 p.m. Anesthesiology Lecture. Annual C.R. Stephen Lecture.** "Regulation of Oxygen Homeostasis by Hypoxia-Inducible Factor 1." Gregg L. Semenza, prof., Johns Hopkins U. School of Medicine. Eric P. Newman Education Center. 454-8701.

**4 p.m. Center for the Humanities Faculty Fellows' Series.** "The Promise of Peace: Kant's Wartime and the Tremulous Body of Philosophy." David L. Clark, asst. prof. of English and cultural studies, McMaster U. Duncker Hall, Rm. 201, Hurst Lounge. 935-5576.

**4 p.m. Center for Research in Economics & Strategy Lecture.** "Trust and Trustworthiness: An Experimental Economics Approach." Rachel T. A. Croson, prof. of economics, U. of Texas at Dallas. (Reception follows, Lopata Courtyard.)

Simon Hall, Rm. 106. 935-6707.

**4 p.m. Social Work Lecture.** Susanna Bensinger Clinical Lecture. "Strengthening Family Resilience: Overcoming Life Challenges." Froma Walsh, co-director, Chicago Center for Family Health. Brown Hall Lounge. 935-6630.

**4 p.m. Vision Science Seminar Series.** "Motor Neurons Require Motor Proteins: From Single Molecules to Degenerating Neurons." Erika L. Holzbaur, prof. of physiology, U. of Pa. School of Medicine. Maternity Bldg., Rm. 725. 362-3315.

**4:30 p.m. Freedom From Smoking Class.** "Thinking About Quitting." (Also at 5:30 p.m. April 14.) Center for Advanced Medicine, Barnard Health and Cancer Info. Center. To register: 362-7844.

#### Wednesday, April 15

**8:30 a.m. Center for Research in Economics & Strategy Lecture.** "Status of Women in Academia." Rachel T. A. Croson, prof. of economics, U. of Texas at Dallas. (Reception follows.) Simon Hall, Rm. 106. 935-6707.

**11 a.m. Assembly Series.** Women's Society Lecture. "Making a Purchase That Makes a Difference: The Blessing Basket Project." Theresa Wilson, founder, The Blessing Basket. Graham Chapel. 935-5285.

**11 a.m. Computer Science & Engineering Lecture.** Cox Distinguished Lecture. "An Open Platform for Robotics Research." Steve Cousins, president and CEO, Willow Garage. Whitaker Hall Aud. 935-6160.

**3:30 p.m. History Colloquium.** "Hermaprodites and History: Surgery and Intersex

in the Middle Ages." Leah DeVun, asst. prof. of history, Texas A&M U. (Reception follows.) Eliot Hall, Rm. 300M. 935-5450.

**4 p.m. Institute for Public Health Faculty Seminar Series.** "Recent Trends in Alcohol Misuse and Dependence in the U.S.: Implications for Policy and Prevention." Rick Grucza, research asst. prof. of psychology. Goldfarb Hall, Rm. 132. 454-7998.

**4 p.m. McDonnell Center for the Space Sciences Colloquium.** McDonnell Distinguished Lecture Series. "Establishing the Big Bang." P. James E. Peebles, prof. of science emeritus, Princeton U. (3:30 p.m. coffee, Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

**4 p.m. Women, Gender and Sexuality Studies Lecture.** Global and Transnational Feminisms Lecture. "Settling In: Life After Trafficking in the United States." Denise Brennan, prof. of sociology and anthropology, Georgetown U. McMillan Cafe. 935-5102.

#### Thursday, April 16

**2:30-5 p.m. Neurology and Neurological Surgery Symposium.** Annual Symposium on Translational Neurosciences Featuring the George H. Bishop and Hope Center Lectures. "Mapping Language Systems in-Vivo: Current Applications and Translational Paradigms." Mitchel S. Berger, prof. and chair of neurological surgery, U. of Calif., San Francisco. "Axonal Self-Destruction and Neurodegenerative Disease." Marc T. Tessier-Lavigne, exec. vice pres., Genetech Inc. Eric P. Newman Education Center Aud. 747-0644.

## Witherspoon Lecture to focus on intelligent design

By NEIL SCHOENHERR

Ronald L. Numbers, Ph.D., the Hildale Professor of the History of Science and Medicine at the University of Wisconsin-Madison, will present the 2008-09 Witherspoon Lecture in Religion and Science at 4 p.m. April 16 in the Whitaker Hall Auditorium.

The lecture, "Antievolution in America: From Creation Science to Intelligent Design," is free and open to the public. A reception will follow. The lecture is sponsored by the Religious Studies Program in Arts & Sciences.

Numbers' talk will focus on the history of Darwinism. He argues that during the past 15 years or so, a new, non-biblical form of opposition to evolution has arisen under the banner of "intelligent design," which seeks to "reclaim science in the name of God" and to change the very rules governing the practice of science.

Numbers is a former Guggenheim Foundation Fellow, a fellow of the American

Academy of Arts and Sciences and the American Association for the Advancement of Science and a member of the International Academy of the History of Science.

He is a past president of both the History of Science Society and the American Society of Church History. In 2005, he was elected to a four-year term as president of the International Union of History and Philosophy of Science/Division of History of Science and Technology.

Numbers is the author or editor of more than two dozen books, including, most recently, "Galileo Goes to Jail and Other Myths About Science and Religion" and "Science and Christianity in Pulpit and Pew."

The Witherspoon Lecture Series was made possible by a grant in 2000 from William Witherspoon, a retired investment banker and a past student and teacher at University College in Arts & Sciences. His gift was motivated by a deep interest in both science and religion.

For more information, call 935-8677.



## Panel to discuss two new African-American literature anthologies

Three prominent writers will examine "African American Literature Today" at 4 p.m. Wednesday, April 15, in Hurst Lounge.

The discussion — sponsored by the African & African American Studies Program and by the Center for the Humanities, both in Arts & Sciences — will focus on a pair of new anthologies, "Best African American Essays 2009" and "Best African American Fiction 2009," both published by Bantam Books.

Panelists will include series editor Gerald Early, Ph.D., the Merle Kling Professor of Modern Letters and director of the Center for the Humanities. Early will discuss the creation of the new volumes, which will be published annually.

Essayist and St. Louis native Debra J. Dickerson will speak on her role as guest editor of the

"Essays" volume. Amina Gautier, Ph.D., postdoctoral fellow in English in Arts & Sciences and African and African American studies in 2008-09 and assistant professor at Saint Joseph's University, will read her short story, "Dance for Me," which was included in the "Fiction" volume by guest editor E. Lynne Harris.

"We expect this will be a compelling and varied presentation about the current state of African-American literature," Early said, "helping the public to understand why an ongoing anthology series such as this can help strengthen the presence of black literature in the marketplace and in the academy."

"African American Literature Today" is free and open to the public, though R.S.V.P.s are requested. Refreshments will be provided.

For more information, call 935-5576.

## WUSTL programming team heads to international competition in Sweden

A three-person contingent from WUSTL is among the teams of the world's brightest computer programming talent that will gather in Stockholm, Sweden, April 18-22 to compete in the 33rd annual IBM-sponsored Association for Computer Machinery International Collegiate Programming Contest (ACM-ICPC).

More than 7,100 teams representing 1,838 universities went head-to-head last fall during the regional portion of the competition, all vying for a top spot to qualify for the world finals. The United States will send 21 teams to Stockholm, including the WUSTL team coached by Bill Smart, Ph.D., assistant professor of computer science in the School of Engineering & Applied Science.

The team is composed of senior engineering students Sean Fellows and Doug Li, and Aayush Munjal, who graduated from WUSTL in December and now works for Microsoft Corp.

"This is the second time in four years that a Washington University team has made it to the world

finals, which says a lot about the quality and dedication of our students," Smart said.

The team will be vying for the "world's smartest trophy" during the ACM-ICPC competition, also known as the "battle of the brains." The team that solves the most problems correctly in the least amount of time will emerge as world champions, earning scholarships, bragging rights and prizes from IBM.

Students will be challenged to use their programming prowess and mental endurance to solve complex, real-world problems — a semester's worth of curriculum — in five hours.

Programmers will tackle challenges from a variety of industries such as developing a routing program to ensure secure business transactions over the Internet; optimizing traffic flows; constructing a racecourse; plotting the most efficient route for a hospital helicopter; and designing a GPS navigation program.

The contest can be followed via podcast and blog at [battleofthebrains.podbean.com](http://battleofthebrains.podbean.com).

## St. Louis native Reding next up for Reading Series

Author and St. Louis native Nick Reding will read from his work at 8 p.m. Thursday, April 16, for The Writing Program in Arts & Sciences.

The talk — part of The Writing Program Reading Series — is free and open to the public and takes place in Duncker Hall, Room 201, Hurst Lounge. A reception and book signing will immediately follow.

A writer of literary non-fiction, Reding is author of "The Last Cowboys at the End of the World: The Story of the Gauchos of Patagonia" (2001). The book explores a semi-nomadic culture that was

once thought to have all but disappeared at the end of the 19th century.

Yet, in 1995, while working as a flyfishing guide in Chilean Patagonia — one of the least-populated regions in the world — Reding found a himself amidst gauchos, some as young as 13, who still live largely alone with their herds, hours on horseback from the nearest neighbors.

Three years later Reding quit his job as a magazine editor and returned to the region for a 10-month stay, chronicling his experiences with novelistic drive and detail.

Born in St. Louis, Reding

earned a bachelor's degree in creative writing and English literature from Northwestern University and a master's degree in creative writing from New York University, where he has taught undergraduate fiction and poetry.

Now a freelance journalist, Reding has published articles in Harper's, Outside, and Food and Wine magazines, among others.

His most recent book is the forthcoming "Methland" about the methamphetamine epidemic in small towns. He resides in New York.

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

## Arianna String Quartet to perform April 9

St. Louis' Arianna String Quartet, widely hailed as among the nation's finest chamber ensembles, will be joined by renowned pianist Seth Carlin, professor of music in Arts & Sciences, for a concert of music by Wolfgang Amadeus Mozart, Erno Dohnanyi and Robert Schumann at 8 p.m. Thursday, April 9, in the Formal Lounge of the Danforth University Center.

The concert will open with Mozart's "Quartet in C Major, K. 465," popularly known as the "Dissonance Quartet." The nickname refers to Mozart's use of chromatic scale (which employs all 12 tones of the octave, as opposed to the seven tones used by major and minor scales) — a quality that set Mozart apart from his contemporaries and that anticipated music of the 19th and 20th centuries.

Next on the program is Dohnanyi's "String Quartet No. 3." Born in Hungary, the composer and pianist made his American debut in 1898 with the Saint Louis Symphony Orchestra, where he performed Beethoven's "Piano Concerto No. 4." He emigrated to the United States following World War II and taught at Florida State University until his death in 1960. His compositional style is notable for blending 19th-century romanticism with unusual harmonies and electric energy.

Concluding the program will be Schumann's sweeping "Piano

Quintet in Eb Major, Op. 44." Written in 1842, the piece is among the most famous and beloved piano quintets, its lovely melodies, dreamy textures and jubilant energy embodying Schumann's most important musical traits.

The Arianna String Quartet was formed in 1992 and garnered national attention by winning the grand prize in the 1994 Fischhoff Chamber Music Competition as well as first prize in both the Coleman and Carmel chamber music competitions.

It has performed throughout the United States, Mexico, Japan, Canada and France, and in 1999 were laureates in the Bordeaux International String Quartet Competition. The following year, the quartet was appointed company-in-residence at the University of Missouri-St. Louis, where several members serve on the faculty.

The performance is free and open to the public. For more information, call 935-5566 or e-mail [kschultz@artsci.wustl.edu](mailto:kschultz@artsci.wustl.edu).

## Public health leaders to speak

By JESSICA MARTIN

Two of Missouri's top leaders in public health will speak at the George Warren Brown School of Social Work this week.

Ronald J. Levy, director of the Missouri Department of Social Services, will close National Public Health Week with a lecture on "Building a Healthy Missouri" at noon Friday, April 10, in Brown Hall Lounge.

Levy is guiding Gov. Jay Nixon's efforts to transform health-care policy in Missouri, beginning with the key priority of increasing access to medical coverage for children.

"In these trying times facing our economy and health-care

system, it's more important than ever to focus on building the foundation for a healthy America," said Tim McBride, Ph.D., associate dean for public health at the Brown School.

At noon on Monday, April 13, Margaret Donnelly, director of the Missouri Department of Health and Senior Services, will speak about "Careers in Government" in Brown Hall Lounge.

Donnelly oversees a variety of programs and divisions, including public and community health, senior and disability services, vital records and emergency preparedness.

Both talks are free and open to the public. For more information, call Terri Behr at 935-6630.

science emeritus, Princeton U. Brown Hall, Rm. 100. 935-5332.

### Friday, April 17

**9:15 a.m. Pediatric Grand Rounds.** "Epilepsy — Transitional Research." John Zempel, asst. prof. of neurology. Clopton Aud., 4950 Children's Place. 454-6006.

**11 a.m. Energy, Environmental and Chemical Engineering Seminar.** "Electrochemical Synthesis of Inorganic Electrodes with Controlled Micro- and Nano-Structures for Use in Clean Energy Production." Kyoung-Shin Choi, assoc. prof. of chemistry, Purdue U. Lopata Hall, Rm. 101. 935-5548.

**12:30 p.m. Biostatistics Seminar Series.** Robert Lyles, assoc. prof. of biostatistics, Emory U. Shriners Bldg., Rm. 3307, 706 S. Euclid. 362-1565.

**4 p.m. Dept. of Music Lecture Series.** "Of Texts and Other Demons: An Opera Comique Goes to Italy." Francesco Izzo, visiting prof. of music, U. of Chicago. Music Classroom Bldg., Rm. 102. 935-5566.

### Saturday, April 18

**10 a.m. Physics Saturday Science Seminar Series.** "Galileo's Trial." Michael Friedlander, prof. of physics. Crow Hall, Rm. 201. 935-6276.

**10:30 a.m. Dept. of Music Symposium.** "Berlioz's Damnation of Faust." (Refreshments at 10 a.m.) Wilson Hall, Rm. 214. 935-5566.

### Monday, April 20

**6:30 p.m. Sam Fox School Spring Lecture Series.** Marianne Burkhalter & Christian Sumi, partners, burkhalter sumi architekten, Zurich. (Reception 6 p.m.) Steinberg Aud. 935-9300.

### Tuesday, April 21

**9 a.m. Center for Aging Conference.** Annual Friedman Conference. "In the Words of the

Artist: The Influence of Age on Creativity and Expression." Eric P. Newman Education Center. To register: 286-2441.

**Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "The Ecology and Evolution of Vibrio Cholerae in the Ganges Delta." Gary Schoolnik, asst. prof. of geographic medicine and infectious diseases, Stanford U. School of Medicine. McDonnell Medical Sciences Bldg., Erlanger Aud. 362-2772.

**4:30 p.m. Freedom From Smoking Class.** "On the Road to Freedom." (Also at 5:30 p.m. April 21.) Center for Advanced Medicine, Barnard Health and Cancer Info. Center. To register: 362-7844.

### Wednesday, April 22

**12:15 p.m. Alpha Omega Alpha Spring Lecture.** "Lights Along the Path: Getting the Most Education in Residency." Sanjeev Bhalla, assoc. prof. of radiology. Farrell Learning & Teaching Center, Connor Aud. 362-6251.

**3 p.m. History Colloquium.** "Can You See Me? Reading 'Race' in the Jimi Hendrix Experience." Matt Jacobson, prof. of history and African-American studies, Yale U. Eliot Hall, Rm. 300M. 935-5450.

**4 p.m. QUAD-Departmental Seminar Series.** "RNA-based Paramutations." Jay Hollick, adjunct asst. prof. of plant and microbial biology, U. of Calif., Berkeley. Co-sponsored by depts. of Genetics, Biochemistry & Molecular Biophysics, Cell Biology & Physiology and Developmental Biology. Moore Aud. 362-2139.

## Music

### Thursday, April 9

**8 p.m. Concert. Arianna String Quartet.** Danforth University Center, Formal Lounge. 935-5566.

**8 p.m. Jazz at Holmes.** Wee Trio. Ridgley Hall, Holmes Lounge. 862-0874.

### Friday, April 10

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

### Saturday, April 11

**7 p.m. Senior Voice Recital.** Jay O'Brien. Ballroom Theater, 560 Trinity Ave. 935-5566.

### Thursday, April 16

**8 p.m. Jazz at Holmes.** Anita Rosamond, vocals. Ridgley Hall, Holmes Lounge. 862-0874.

### Friday, April 17

**6 p.m. Kemper Presents Concert Series.** The 75s and Left Arm. Kemper Art Museum. 935-4523.

**8 p.m. Concert. Concert Choir.** Graham Chapel. 935-5566.

### Saturday, April 18

**3 p.m. Senior Voice Recital.** Alison Moritz. Graham Chapel. 935-5566.

### Sunday, April 19

**3 p.m. Graduate Voice Recital.** Joshua Stanton. Graham Chapel. 935-5566.

**7:30 p.m. Concert.** Eliot Trio. E. Desmond Lee Concert Hall, 560 Trinity Ave. 935-5566.

## Green Your Office

When light bulbs need to be replaced, change to compact fluorescent bulbs instead of incandescent bulbs.

### Monday, April 20

**8 p.m. Student Recital.** Graham Chapel. 935-5566.

### Wednesday, April 22

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

## On Stage

### Friday, April 17

**8 p.m. Performing Arts Dept. Presentation.** "Mother Courage and Her Children." (Also 8 p.m. April 18, 24 & 25; 2 p.m. April 19 and 26.) Cost: \$15, \$10 for students, faculty and staff. Edison Theatre. 935-6543.

## And More

### Thursday, April 9

**7 a.m.-5 p.m. School of Medicine Health and Wellness Fair.** "Health Happening '09." (Continues 7 a.m.-Noon April 10.) Eric P. Newman Education Center. 362-7196.

### Wednesday, April 15

**4 p.m. Center for Humanities Panel Discussion.** "African American Literature Today." Co-sponsored by the African & African American Studies Program. Duncker Hall, Rm. 201, Hurst Lounge. 935-5576.

**5:30 p.m. Annual Gerry and Bob Virgil Ethic of Service Awards Ceremony.** Knight Center. 935-5599.

### Saturday, April 18

**4 p.m. Kemper Art Museum Public Video Screening.** Featuring selected video submissions for the 1,000 Arches project.

Steinberg Hall Aud. 935-4523.

### Tuesday, April 21

**Noon. Human Resources Annual Workshop.** "Planning for the Future of a Child or Other Dependents With Special Needs." (Also Noon April 22, N. Brookings Hall, Rm. 222.) Farrell Learning & Teaching Center, Rm. 214 A&B. 935-5931 or 362-4929.

## Sports

### Friday, April 10

**2 p.m. Men's Tennis vs. U. of Texas-Tyler.** Tao Tennis Center. 935-4705.

**5:30 p.m. Women's Tennis vs. Carthage College.** Tao Tennis Center. 935-4705.

### Saturday, April 11

**10 a.m. Men's Tennis vs. U. of Chicago.** Tao Tennis Center. 935-4705.

**Noon. Baseball vs. Westminster College.** Athletic Complex. 935-4705.

**1:30 p.m. Women's Tennis vs. U. of Texas-Tyler.** Tao Tennis Center. 935-4705.

### Tuesday, April 14

**4 p.m. Men's Tennis vs. U. of Mo.-St. Louis.** Tao Tennis Center. 935-4705.

### Wednesday, April 15

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

### Monday, April 20

**3 p.m. Baseball vs. Webster U.** Athletic Complex. 935-4705.

### Wednesday, April 22

**4:30 p.m. Women's Tennis vs. McKendree U.** Tao Tennis Center. 935-4705.



## Campbell named assistant vice chancellor for real estate

By JESSICA DAUES

**M**ary B. Campbell, senior vice president for Bank of America, has been named assistant vice chancellor for real estate, announced Henry S. Webber, executive vice chancellor for administration. Campbell's appointment will be effective Monday, April 13.

"Mary Campbell is an extraordinarily talented real estate and community development leader with a demonstrated long-term record of success in the St. Louis area as well as across the country," Webber said. "She will contribute immeasurably to the University in the years ahead."

Campbell will be responsible for the management of all aspects of the University's off-campus real estate activities.

Campbell, among other duties, will direct WUSTL's Quadrangle Management and Quadrangle Housing companies, support planning for the future growth of WUSTL campuses, develop initiatives and policies to align Quadrangle holdings with WUSTL sustainability standards, and plan and implement strategies that will further refine and develop WUSTL's residential and commercial portfolios.

"Washington University's outstanding reputation, significant physical presence and substantial employee, student and faculty base give the University the breadth of talent and the means to have a positive and lasting impact on the St. Louis community," Campbell said. "I am thrilled to be part of the WUSTL team."

Campbell brings significant real estate development, financing and management experience to the University, particularly in community development. Most recently, she was the Central Region division executive for Commercial Real Estate Banking at Bank of America. As a division executive, Campbell managed a team that helps create affordable housing and offered approximately \$400 million in community development financing in 2008.

As a manager of community development equity from 2003-07, Campbell invested approximately \$85 million annually in bank capital in real-estate-based private equity funds and joint ventures nationwide.

She also managed a team that invested approximately \$400 million in properties eligible for Historic Tax Credits and New Market Tax Credits — including the Center of Research, Technology & Entrepreneurial Exchange (CORTEX), a

collaboration between WUSTL and other St. Louis organizations to develop St. Louis as a biotechnology center.

From 2000-03, Campbell was the market executive for community development banking, managing a team that originated and managed loans and investments in the six-state Midwest region. From 1997-2000, Campbell worked as an investment manager for Banc of America CDC, which invested more than \$70 million to acquire or develop housing and commercial space in Missouri.

Banc of America CDC's St. Louis projects included University Lofts, a \$5.6 million rehabilitation of a 1907 warehouse located on Washington Avenue in downtown St. Louis. CDC partnered with WUSTL's Sam Fox School of Design & Visual Arts and the Regional Housing and Community Development Alliance on the project, which features living and working space as well as the Des Lee Gallery, which provides WUSTL students and faculty a formal gallery space to present exhibitions.

Before joining Bank of America in 1997, Campbell held policy and administrative jobs for St. Louis City and County, including director of the County Office of Community Development (1992-97); director of neighborhood development for the St. Louis Community Development Agency (1987-1992); and executive director of Operation Impact Inc. (1984-87).

While in City and County administration, she directed St. Louis City's housing production programs, helped ensure funding for affordable housing developments in St. Louis County and administered the County's disaster recovery program after floods in 1993 and '95.

Campbell earned a bachelor of arts degree in English literature from Kenyon College, graduating with honors in 1981. In 1984, she earned a law degree at Washington University.

In 1998, she was a Danforth Foundation Fellow for State and Local Government at the John F. Kennedy School of Government at Harvard University.

Campbell is a member of the Bar Association of Missouri and the Urban Land Institute's national Responsible Property Investment Council. She also is vice president of the Saint Louis Zoo Association and president of the Saint Louis Zoo Friends and is a member of the board of directors for the Regional Housing Community Development Alliance and the Grand Center Inc.



Campbell

## Child Care

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Horizons after researching many possible vendors.

"Bright Horizons excelled in a wide range of characteristics that we knew would be important in a University-affiliated child care center: their curriculum, their team-oriented management style and the wonderful environments that they have created at institutions comparable to Washington University," said Tamara Hershey, Ph.D., associate professor of psychiatry and one of three Child Care Committee members to visit sites of prospective vendors.

"Having a high-quality, University-affiliated child-care center close to campus is essential for supporting University families with young children, minimizing child-care-related stress for

**"Having a high-quality, University-affiliated child-care center close to campus is essential for supporting University families with young children, minimizing child-care-related stress for parents, and allowing children to flourish."**

TAMARA HERSHEY

parents, and allowing children to flourish," Hershey said.

Other Child Care Committee members visiting prospective vendors were Shelly Sakiyama-Elbert, Ph.D., associate professor

of biomedical engineering, and Angela Sharkey, M.D., professor of pediatrics.

Other members of the Child Care Committee are Rowhea Elmesky, Ph.D., assistant professor of education in Arts & Sciences; Barbara Feiner, vice chancellor for finance and CFO; Michelle Gravel, director of the Alumni and Parents Admission Program and assistant director of admissions; Steven Hoffner, assistant vice chancellor for operations; Alan Kuebler, assistant vice chancellor for resource management; Stephen Legomsky, J.D., D.Phil., the John S. Lehmann University Professor; Ann Prenatt, vice chancellor for human resources; and Rob Wild, assistant to the chancellor.

For more information about the new center, contact Prenatt at aprenatt@wustl.edu. For more information on Bright Horizons, visit brighthorizons.com.

## Justice

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ministerial meeting on Central American security in Costa Rica later this month.

Tierney went with Schweich to the "First Inter-American Meeting of Ministers Responsible for Public Security," hosted by the Organization of American States (OAS) and held in Mexico City in October.

"During the OAS conference, I sat in on very high-level meetings with foreign officials and worked actively with the UNODC," Tierney said.

"I witnessed domestic, regional and international policy being created; it was incredibly exciting," he said.

Other highlights of Tierney's

trip included meeting President Felipe Calderon of Mexico and then-U.S. attorney general Michael Mukasey.

Last month, Tierney attended meetings with Schweich at the State Department, the Justice Department and the Department of Homeland Security in Washington, D.C.

Crane and Tierney are preparing for careers in corporate law after graduation. Both find that the internship experience has impacted how they will practice law.

"There is no question that we are all members of global community, and that our actions affect one another," Tierney said. "This position has heightened my international awareness and given me skills that I will employ throughout my career."

Crane agreed.

"Having the chance to experience the 'policy' side of international diplomatic work has opened my eyes to career possibilities that I would never have been exposed to outside of this internship," she said.

The Ambassadors Program, administered by the Whitney R. Harris World Law Institute, brings foreign-service professionals to the law school to share their experiences and knowledge with the law school and WUSTL community.

Schweich served the administration of George W. Bush as the ambassador for counternarcotics and justice reform in Afghanistan, as the government's deputy assistant secretary of state and acting assistant secretary of state for the Bureau of International Narcotics and Law Enforcement Affairs and chief of staff to the U.S. Mission to the United Nations.

## Croson kicks off new lecture series on women in academia

By MELODY WALKER

**"T**he Status of Women in Academia" will be the topic of one of two lectures when Rachel T. A. Croson, Ph.D., visits the Danforth Campus Tuesday, April 14, and Wednesday, April 15, in a new series launched by the Center for Research in Economics and Strategy (CRES) at the Olin Business School.

The "Distinguished Women in Economics and Strategy" series will host two senior scholars each year and target a wide audience from many disciplines, said Glenn MacDonald, Ph.D., the John M. Olin Distinguished Professor of Economics & Strategy and CRES director.

"My hope is to expand the resources available to my female colleagues at Olin, and so to contribute to their success," MacDonald said.

"I also hope to augment the contributions Olin Business School makes to the community of scholars at Washington University and expose some distinguished external faculty to the University," MacDonald said.

Anne Marie Knott, Ph.D., associate professor of strategy, is enthusiastic about the series and inaugural speaker Croson, who is professor of economics and director of the Negotiations Center at the University of Texas at Dallas.

Croson's lectures will appeal to women in many different areas of study, Knott said. "While her training is in economics, her work spans and is published in law,

psychology, political science, operations, ethics and organizational behavior," Knott said.

Croson earned a doctorate in economics from Harvard University. Her research uses experimental and behavioral economics to investigate how individuals act in strategic situations. She has studied decisions in bargaining and negotiation, public goods provision and charitable giving, risk-taking and gambling, trust, alliances and inventory management, among other areas.

Croson will lecture first on "Trust and Trustworthiness: An Experimental Approach" at 4 p.m. April 14 in Simon Hall, Room 106. A reception will follow in the Lopata courtyard.

This presentation describes a series of experiments examining trust and trustworthiness in different countries, with different levels of social distance, and among men and women.

At 8:30 a.m. April 15, Croson will deliver her talk on women in academia. A reception will immediately follow.

This talk will examine the progress and pitfalls of women in the academic world; the psychological literature on subtle bias that demonstrates how men and women are evaluated differently in hiring, promotion and tenure decisions; and programs designed to address these inequalities.

Both lectures are open to the WUSTL community; reservations are required. R.S.V.P. to Sandy Vaughn at svaughn@wustl.edu or 935-6707.



Croson

## Banerjee wins Stalker prize

**S**omalee Banerjee is the winner of the 2009 Stalker Award.

The prize is named in the honor of the late Harrison D. Stalker, Ph.D., who was professor of biology; a leading evolutionary biologist, geneticist and inspired teacher; and a true enthusiast of the fine arts.

The award is given to the graduating senior in biology in Arts & Sciences whose undergraduate career was marked by outstanding scientific scholarship as well as contributions to the University in areas of artistic expression and/or community service.

Banerjee will graduate with honors this May in biology and in fine art (painting).

Her scientific research was supported in part by the Howard Hughes Medical Institute and Sigma Xi and has resulted in an honors thesis in which she explores the proteomics of hypoxic

preconditioning.

Her painting — a sample of which may be viewed at somaleebanerjee.com — has resulted in shows in both St. Louis and her hometown of Houston and is included in collections in both cities.

Despite the heavy demands of her dual-degree program, she has found time to volunteer during the academic year as a teaching assistant at the Missouri Botanical Garden and as a playroom aide at St. Louis Children's Hospital as well as serving as president of the student body at the art school.

In addition, she spent a term interning with physicians in Nice, France, through the WUSTL Pre-Med in Nice program.

This fall, she plans to matriculate in the M.D. program at the School of Medicine to continue her preparation for a career in public health.

## Record

Volume 33, Number 29

Founded in 1905 • Washington University in St. Louis community news

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

**Where to send address changes**  
Postmaster and nonemployees: Record, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130. Employees: Office of Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO 63130.

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## Notables

### World-renowned cosmologist to discuss Big Bang theory

BY SUSAN KILLENBERG  
MCGINN

**P**James E. Peebles, Ph.D., one of the world's foremost theoretical cosmologists who played a central role in understanding the evolution and structure of the universe, will deliver two talks April 15 and 16 as part of the McDonnell Distinguished Lecture Series, sponsored by the McDonnell Center for the Space Sciences.

Peebles, the Albert Einstein Professor of Science Emeritus at Princeton University, will give the McDonnell Lecture at 7 p.m. April 16 in Room 100, Brown Hall.

The talk is titled "Finding the Big Bang." Peebles and two other scientists recently edited a book with the same title that Cambridge University Press published last month.

"Our universe is not forever: The evidence is that over the past several thousand million years it expanded and cooled from a much hotter denser state," Peebles said.

"I will describe how people hit on the concept of an expanding universe, and the discovery of a fossil, thermal radiation left from the early hot stages of expansion, that shows the universe really did evolve from a very different condition," Peebles said.

Peebles also will deliver a colloquium titled "Establishing the Big Bang" as part of the lecture series at 4 p.m. Wednesday, April 15, in Room 204, Crow Hall. A coffee reception will be held at 3:30 p.m. in Room 245, Compton Hall. All events are free and open to the public.

His studies of the evolution of matter in the earliest moments of the universe were critical in establishing the Big Bang theory as a widely

accepted model, noted a May 2000 article in Princeton's Weekly Bulletin.

In 2004, Peebles received the first Shaw Prize in Astronomy "for a lifetime of groundbreaking contributions to cosmology and astrophysics."

The Shaw Prize, which bears an award of \$1 million, honors individuals who have achieved a significant breakthrough in academic and scientific research or application and whose work has resulted in a positive and profound impact on mankind.

He was cited for laying "the foundations for almost all modern investigations in cosmology, both theoretical and observational, transforming a highly speculative field into a precision science."

Among his many contributions, he predicted the existence of cosmic microwave background radiation, popularized the idea of "dark matter" and developed a theory of how the universe evolved into galaxies.

A native of St. Boniface, Manitoba, Canada, Peebles earned a bachelor of science degree from the University of Manitoba in 1958 and a doctorate in physics in 1962 from Princeton University.

After a three-year post-doctoral fellowship, he joined Princeton's physics faculty and remained in the department throughout his career.

The McDonnell Center, which was established in 1975 through a gift from the aerospace pioneer James S. McDonnell, is a consortium of WUSTL faculty, research staff and students coming primarily from the Arts & Sciences departments of earth and planetary sciences and physics who are working on the cutting edge of space research.

For more information, contact Jan Foster at 935-5332 or janf@physics.wustl.edu.

### Five recognized as Ethic of Service winners

BY NEIL SCHOENHERR

**T**he recipients of the 2009 Gerry and Bob Virgil Ethic of Service Award will be recognized during a ceremony at 5:30 p.m. Wednesday, April 15, in the Knight Center.

Founded during WUSTL's sesquicentennial year, the Gerry and Bob Virgil Ethic of Service Award annually recognizes a select group of University community members which exemplifies a character of service and giving to the St. Louis region.

This year's winners are Dana R. Abendschein, Ph.D., associate professor of medicine; Jami Ake, lecturer in the Interdisciplinary Project in the Humanities and assistant dean in Arts & Sciences; Gay Lorberbaum, senior lecturer in architecture in the Sam Fox School of Design & Visual Arts; Cambrie Nelson, a senior majoring in anthropology in Arts & Sciences; and William Siedhoff, a masters of social work graduate

in 1973 and director of the Department of Human Services for the City of St. Louis.

Abendschein started the Clown Docs program at the School of Medicine, and his clown doctor character, "Professor Dude," is often seen making rounds in the clinics and inpatient units of Children's Hospital.

As a professor in the medical school, he offers a unique course titled "The Medicine of Laughter," which may be the first credit course nationally for medical students to learn the benefits of humor for themselves and their patients.

A passionate teacher of Shakespeare and early modern literature, Ake is a tireless educator and advocate for victims of intimate partner violence both at and outside the University.

For Lorberbaum, teaching is a way to serve her community and to learn. During her 34 years at WUSTL, she has taught classes in both architecture and psychology

in Arts & Sciences. In 2003, she created the New School — a group workshop that combines psychotherapy with creative process.

Nelson has been the president of the Black Woman/Jewish Women discussion group; associate editor of One World Social Justice magazine; coordinator and founder of the Dialogue Club; co-creator of InterUnity, an interfaith collaboration that brings educational opportunities to campus; and co-founder of Connect4, a group devoted to diversity, dialogue, understanding and change.

Siedhoff currently serves on more than 30 boards and committees and chairs many of them. He is a founding member of the Council on Child Abuse and Neglect, helped establish the Family Support Network and is considered one of the leading proponents of assisting ex-offenders in their efforts to return to society from prison.

For more information, visit [ethicsofservice.wustl.edu](http://ethicsofservice.wustl.edu).

## Sports

### Both track teams shine at invitational

Led by a pair of standout performances in the decathlon and heptathlon, the women's and men's outdoor track and field teams finished first and second, respectively, at the Washington University Invitational April 3 and 4.

The women placed first out of 21 schools with 144 points, while the men were second out of 22 with 104 points, just four points behind meet winner University of Wisconsin-Whitewater.

Sophomore Ben Harmon won the decathlon with a new personal best point total of 6,650, which automatically qualified him to compete in the

2009 NCAA Division III Outdoor Championships.

For the women, senior Alli Alberts placed second in the heptathlon with an NCAA provisional qualifying mark of 4,498.

Sophomore Taryn Surtees also met an NCAA provisional qualifying mark, winning the 5,000-meter run with a new personal best time of 17:15.65.

Senior Danielle Wadlington also stood out, placing second in three events, the 100-meter hurdles (14.34), the triple jump (11.26 meters) and the 400-meter hurdles (1:05.07).

The next meet for both teams is Saturday, April 11, at the Southern Illinois University Edwardsville Cougar Classic in Edwardsville, Ill.

### Baseball posts 3-1 week to move to 15-8

WUSTL split a doubleheader with Illinois College April 1 and swept a pair of games with the University of Dubuque on April 4 to complete a 3-1 week.

Highlights include senior Brian Williams pitching a complete game and striking out 10 in the Bears' 3-2 win over Illinois College.

In the first game of the doubleheader sweep of Dubuque, WUSTL rode a six-run second inning to a 12-3 win.

WUSTL held on for a 2-1 win in the second game. Sophomore Bryce Hrovat improved to 3-0 on the hill, lasting 6½ innings and allowing just one run on five hits.

### One person can make a difference

BY BARBARA REA

**T**heresa Wilson, founder and executive director of the Blessing Basket Project, will give the Women's Society Adele Starbird address at 11 a.m. Wednesday, April 15, in Graham Chapel.

Her talk, "Making a Purchase that Makes a Difference: The Blessing Basket Project," will be the final program in the Assembly Series' spring schedule. It is free and open to the public.

Founded in 2004, the Blessing Basket Project is a nonprofit enterprise that connects weavers in underdeveloped countries to markets in developed countries, improving the lives of thousands of men, women and children living in six African nations while providing unique baskets that can't be found anywhere else.

More than 90 Whole Foods Market stores nationwide carry the distinctive and colorful baskets. With their incomes from the project, weavers have become entrepreneurs in their own villages, expanding farms, building schools and creating more sustainable environments for future generations.

Wilson's powerful story of transformation began with a personal crisis. Sympathetic supporters sent her cards and letters, and a basket in which to place them.

She began to think of it as her "blessing basket." She and her

husband, Bryan, set to work identifying weavers and receiving shipments that they delivered to stores. Soon, Wilson was learning their personal stories, such as a Ugandan woman who was caring for 13 children, nine grandchildren and three relatives on less than \$2 per day.

Thanks to Wilson's project, this woman and thousands of others, are now receiving wages higher than the norm in their area and using their earnings to send their children to school, feed them and start farms.

While struggling to keep the project going, Wilson met Shelby Gadberry, a WUSTL MBA student who introduced her to the Olin School's "hatchery" program. She entered the Skandalaris Center's competition that provides start-up funds for social entrepreneurial ideas, and Wilson won \$20,000 in the "bootstrap" category. To her surprise, the Blessing Basket Project went on to win a \$200,000 grant from the Skandalaris Family Foundation.

With the grant, Wilson began the operation in earnest, complete with a warehouse and a couple of staff members. Today, several faculty members at Washington University are working with students in Wilson's African communities, studying how efficiently and effectively her operation works.

For more information, call 935-4620 or visit [assemblyseries.wustl.edu](http://assemblyseries.wustl.edu).

## Findings

**Research also important in treating HIV-AIDS**  
— from Page 1

system functioning in patients with HIV, interact with methadone. For years, the enzyme P4503A was believed to be responsible for clearing methadone from the body. But when healthy volunteers were given a low dose of methadone with protease inhibitors that caused profound decreases in the activity of P4503A, there was no reduction in methadone clearance.

There were two reasons to study what happened to methadone when taken together with those drugs. First, HIV-AIDS patients may receive methadone for pain and, in some cases, for accompanying substance-abuse problems, along with one or more protease inhibitors. In addition, many protease inhibitors interact with the P4503A enzyme that traditionally was thought to be important to methadone clearance.

In these studies, Kharasch and his team looked at interactions among methadone, the P4503A enzyme in the intestine and liver and the protease inhibitors nelfinavir, indinavir and ritonavir.

They gave study volunteers a combination of the protease inhibitors ritonavir and indinavir. Both drugs profoundly inhibited the actions of the enzyme. If that enzyme were responsible for

methadone clearance, then inhibiting it should have caused methadone to build up in the body. But the researchers found that it had no effect on methadone levels.

Volunteers in the second study received the protease inhibitor nelfinavir. Again, the drug inhibited the action of the P4503A enzyme. That should have meant methadone concentrations would rise, but they actually decreased by half.

"For more than a decade, practitioners have been warned about drug interactions involving the enzyme P4503A that might alter methadone metabolism," Kharasch said. "The package insert said inhibiting the enzyme may cause decreased clearance of methadone, but our research demonstrates that P4503A has no effect on clearing methadone from the body. So the package insert appears to be incorrect or certainly needs to be reevaluated, as do guidelines that explain methadone dosing and potential drug interactions."

That can be dangerous, Kharasch said, because a clinician may prescribe too much or too little methadone for patients taking drugs that interact with P4503A, having been informed that they also would influence methadone clearance. Too little methadone will not relieve pain. Too much can contribute to the unintentional build-up of methadone in the system, which can cause slow or shallow breathing and dangerous changes in heart beat. Physicians could be

unintentionally prescribing methadone incorrectly.

"The highest risk period for inadequate pain therapy or adverse side effects is during the first two weeks a patient takes methadone," Kharasch said. "If we can provide clinicians with better dosing guidelines, then I believe we will be able to better treat pain and limit deaths and other adverse events."

About a dozen related liver enzymes are part of the P450 family, and Kharasch said another enzyme from that family may be the one actually involved in methadone metabolism and clearance. His laboratory is determined to identify the correct enzyme to limit under- and overdosing of patients taking methadone to improve addiction and pain treatment and patient safety. He's now testing the related enzyme P4502B. Laboratory studies and preliminary clinical results indicate that P4502B may be involved, but he said more clinical research is needed.

"The research also is important for the treatment of HIV-AIDS," Kharasch said. "Protease inhibitors can interfere with the activity of P4503A but increase the activity of P4502B. This paradox is highly unusual, and because these two enzymes metabolize so many prescription drugs, there are many potential drug interactions that we'll be able to understand better if we can get a better handle on how these pathways absorb drugs into the system and clear them from the body."



## Washington People

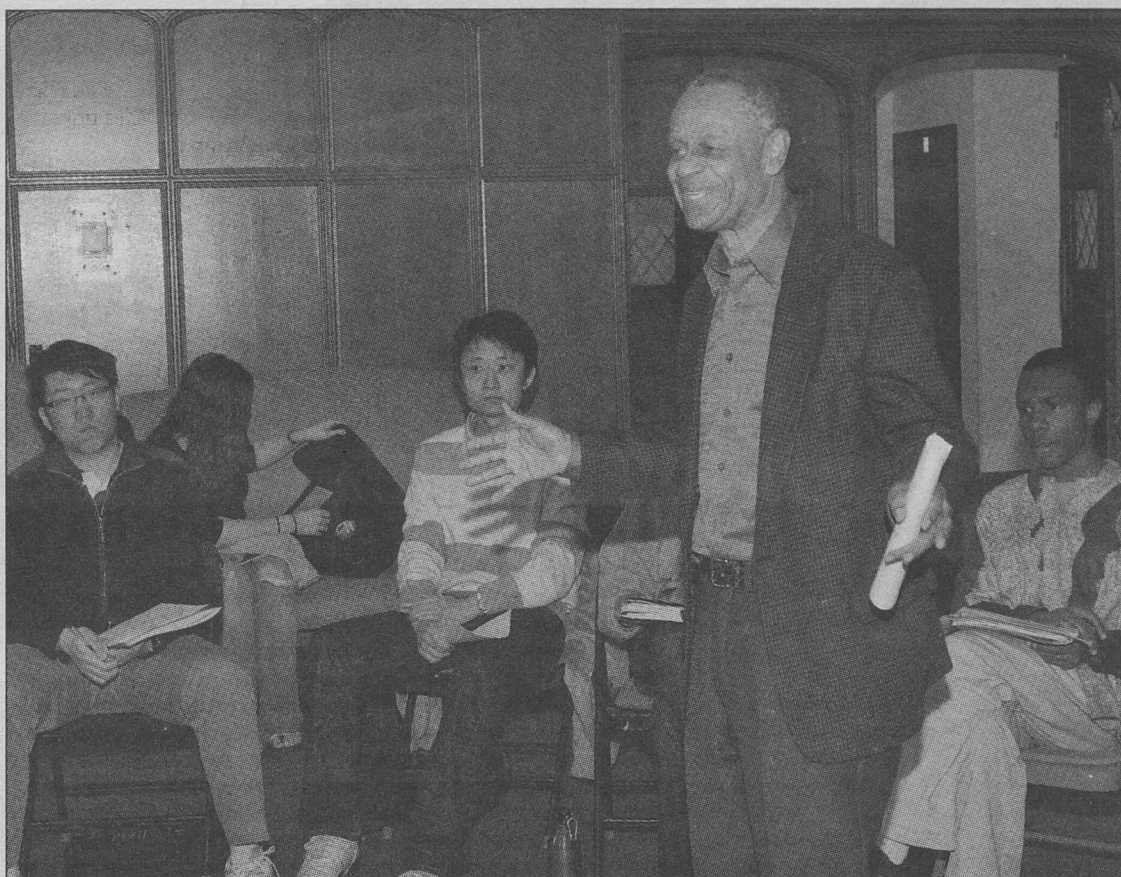
**I**f you are supported and encouraged, from an early age, you can face almost anything that is thrown at you, and go far," says Jack Kirkland, associate professor at the George Warren Brown School of Social Work.

The main source of support, he says, is community; specifically, neighborhoods and families.

"Communities can be defined by the strength of their neighborhoods, and neighborhoods are a good gauge of the strength of families," he says. "When the neighborhoods are strong, families get strong. The community is the 'womb' for families. It is incumbent on the community to provide the bulwark — the positive push and drive for families to excel and pull themselves up."

His philosophy is a departure from traditional family-based social work.

"Think of a town where the culture is anti-achievement and full of crime and vice," Kirkland says. "Traditional social work would go in and work with some families and strengthen them to the point where the families feel strong enough to risk moving out of the community. This approach works in a heterogeneous com-



Jack Kirkland, associate professor of social work, teaches a class in the Brown Hall lounge. "Jack recognizes the importance of engaging our students in both the classroom and in the community, which is why his classes are some of the most popular at our school," says Edward F. Lawlor, Ph.D., dean of the George Warren Brown School of Social Work and the William E. Gordon Professor. "He exemplifies the type of engagement and impact we want to have in the region."

By JESSICA MARTIN

# Collaborative impact

Kirkland works to strengthen families by strengthening communities

munity, where families have varying levels of abilities or potential, but not in the type of community that is consistently weak, or homogeneous.

"In those depressed communities, families that leave are replaced by those who are weaker," he says. "Traditional social work efforts in an impacted area would leave a community unenhanced."

Kirkland's approach comes from a community economic development perspective.

"To be effective with low economic homogeneous communities, you've got to grab hold of a community and wrap your arms around it and strengthen it socially, economically and politically," he says. "To help these communities and families, you need to organize the people and invigorate existing neighborhood groups to identify and prioritize services needed. This must be consistently provided, especially through economic tough times"

Kirkland says that people begin to gain strength when they see purpose in their lives and learn what resources are available and how to advocate for themselves.

"When you begin to get a sense of being able to overcome your situation, then you are on your way to becoming a 'first-class' citizen and a model for others," he says.

### No skimming allowed

Kirkland recognized the importance of keeping the cream of the crop in communities throughout his life, from growing up in Appalachia and participating in the Civil Rights Movement to stints as the community development director for the Peace Corps in Latin America and the director of the Missouri Department of Transportation.

"The bottom line is that people need role models, and it is critical to be able to look at your own family and community for those models," he says.

Today, Kirkland is putting his philosophy to work in East St. Louis, Ill., and a low-income area of St. Louis, the 3rd Ward.

"East St. Louis is an almost exclusively African-American

community that has dealt with a great deal of changes in its history," Kirkland says. "It has seen many layers of people with strengths leave the town. The city has lost many of its role models, and a sense of hopelessness has set in."

He says that this is a classic example of a town that has more homogeneous deprived families than heterogeneous families of strength.

According to Kirkland, the big problem facing East St. Louis is a lack of commercial support, leaving little tax base to support schools and services.

"It is hard to pull yourself up by your bootstraps when both are in such limited supply," he says.

A similar challenge was presented to Kirkland when he was asked to serve as a consultant to the 3rd Ward of St. Louis. Shirley Emerson, director of the Neighborhood Council, a community agency, and Alderman Freeman M. Bosley Sr. extended the invitation.

"Before we started our work with Jack, the neighborhood was filled with vacant and abandoned buildings, a lot of drug problems and all of the other social ills that go along with it," says Emerson, a Brown School alumna who earned a master's in social work in 1999. "Now the community has hope, and they have ways to achieve success. People are starting to want to stay in the neighborhood."

The Neighborhood Council holds regular public meetings to stay on top of the 3rd Ward residents' needs. The agency's current efforts are focused on improving housing options and increasing commerce in the area while providing social support.

"Jack taught us how to organize the neighborhood to spark residential and social development," Emerson says. "Residents know Jack, and they hold him in the highest admiration."

The community's efforts are showing tangible results.

"People are more aware of what is needed to turn the town around, and they want to be involved in improving their neighborhood," she says. "It's starting to have an impact. We've seen 500 new units

of housing become available, including two major Housing and Urban Development-sponsored projects, as well as the opening of five new restaurants and a number of other small business."

The glimmer of hope does not stop there. Kirkland says that the commercial potential for East St. Louis also is outstanding due to its prime position on the Mississippi River and as the second-largest rail center in the country.

"The city lies at the very heart of one of the greatest distribution centers in America," Kirkland says. "It is a great time for our students to be interning in the city's office of community development."

### Bringing it to the classroom

Kirkland's community work began during his undergraduate years at Syracuse University while interning at the Huntington Family Centers.

"I was assigned to working with young people from the ages of 8 to 14," he says. "What I discovered was that they had many of the same kinds of issues and concerns that I had growing up. These individuals were coming to know more about the challenges that were ahead and how to best prepare for them. I figured that, having gone through some rough spots myself, I might have some clues how I could best help them."

After earning a master's degree in social work at Syracuse, Kirkland's academic career began at Saint Louis University. He joined the Washington University faculty in 1970 as an associate professor of social work and co-founder and associate director, and later director, of the Black Studies Program, now the African & African American Studies Program in Arts & Sciences.

Kirkland is a beloved teacher, receiving the first Brown School teaching award in 1988. His goal in the classroom is to teach his students how to work with distressed and depressed communities and to revitalize them.

His classes "The Revitalization of Depressed Communities" and "The City: The New Frontier" are

extremely popular with students throughout the University.

"I want students to be armed with practical knowledge so they can have an impact on communities, whether it is through having a seat in government, in private enterprises, in business or through community agencies," he says. "Towns need people who can effectively bring together and coordinate economic and social resources."

Kirkland has developed practicum opportunities in East St. Louis and is working on similar opportunities with other municipalities around the country.

"Jack recognizes the importance of engaging our students in both the classroom and in the community, which is why his classes are some of the most popular at our school," says Edward F. Lawlor, Ph.D., dean and the William E. Gordon Professor. "He exemplifies the type of engagement and impact we want to have in the region."

Kirkland is impressed with the students and faculty at the University.

"I think that the students are becoming more and more oriented toward social issues, social problems and recognizing that helping needy families requires serious energy and effort," Kirkland says.

"I've enjoyed doing what I do here at the University and in the community," he says. "St. Louis is the best laboratory in the world."

### Jack Kirkland

**Education:** B.A., international relations, 1959, and MSW, 1961, Syracuse University

**Family:** Wife, Iris; Kirkland's children Jack Jr., Adrienne and Kelly; and grandchildren Leroy Jr., Tierra and Cameron

**Favorite hobby:** "Hanging out with my grandkids," he says.



Jack Kirkland and his wife, Iris McWherter Kirkland.