

3-20-2008

## Washington University Record, March 20, 2008

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

---

### Recommended Citation

"Washington University Record, March 20, 2008" (2008). *Washington University Record*. Book 1137.  
<http://digitalcommons.wustl.edu/record/1137>

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

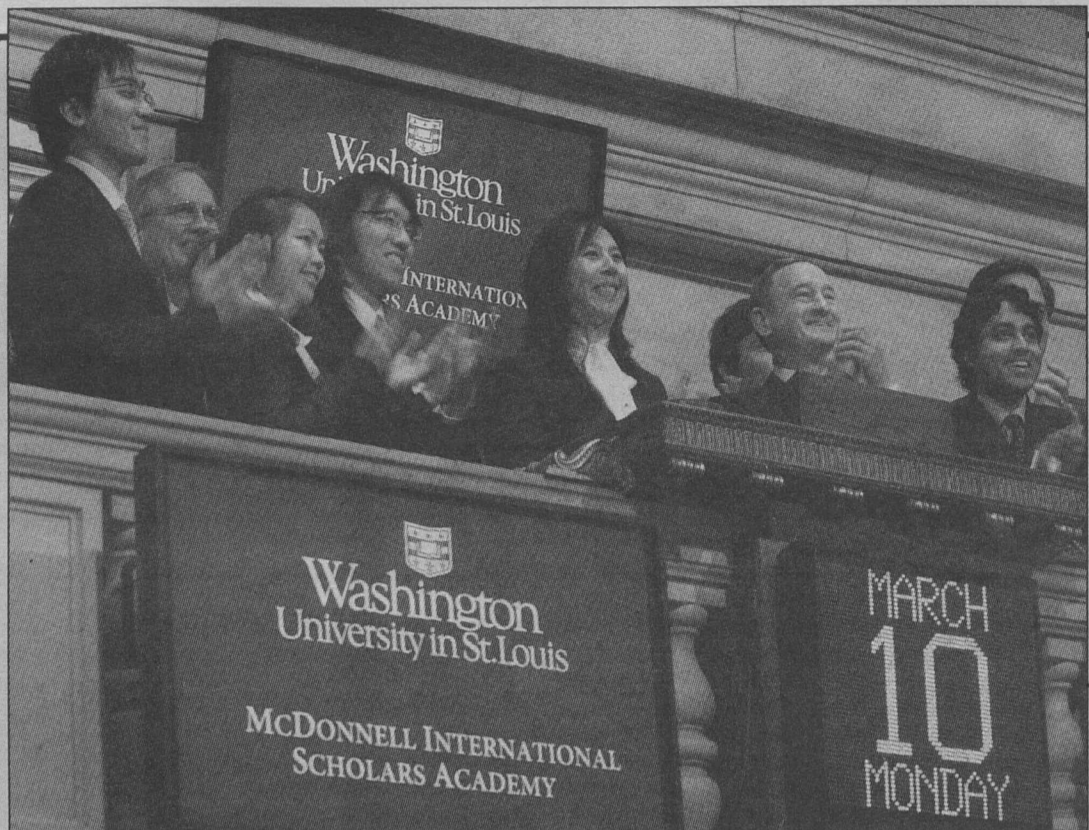
# Record



Washington University in St. Louis

March 20, 2008

record.wustl.edu



**Ring that bell** McDonnell Scholar Ming Zu (center) rang the opening bell of the New York Stock Exchange March 10 under the watchful eyes of Chancellor Mark S. Wrighton; James V. Wertsch, Ph.D. (second from left), the Marshall S. Snow Professor in Arts & Sciences and director of the McDonnell International Scholars Academy; and members of the McDonnell Academy. The group toured New York over spring break and learned about the American political system. While there, students also had breakfast with Mayor Michael Bloomberg at Gracie Mansion and met with United Nations Secretary-General Ban Ki-moon.

## Bang wins national award for poetry

By CYNTHIA GEORGES

Poet Mary Jo Bang, professor of English and director of The Writing Program, both in Arts & Sciences, has won the 2008 National Book Critics Circle Award in poetry.

Bang was recognized for "Elegy," a book of 64 poems that chronicles the year following the death of her son. Published in October 2007 by Graywolf Press, "Elegy" is her fifth book of verse.

The National Book Critics Circle Awards were announced March 6 at a ceremony in New York.

Bang said she was surprised to learn that her book had been chosen from among five "very impressive" finalists. "I was touched to be honored by people who read widely and take writing seriously," she said.

"My family thinks I'm a star," Bang said. "I remind them that if

I am, it's in a very small sky. I mean, it is poetry!"

Calling the award a "bittersweet honor," Bang said that poets write elegies for many reasons.

"They distract one from grief for a moment here or there. They are failed attempts to keep the loved one alive a little longer. For me," she said, "it was especially a way of continuing a conversation that had been going on with my son for 37 years and had been suddenly interrupted. The poems were a way of talking to him."

The book has been well received. According to Publishers Weekly, "Elegy" is a "powerful fifth collection. ... Bang interrogates the elegiac form and demands of it more than it can give, frustrated, over and over again, with memory, which falls pitifully short of life."

Said University of Houston poet Nick Flynn, "These poems

See **Award**, Page 6



Bang

## Professor remembers shuttle astronaut:

### WUSTL provided firm foundation; Behnken had the 'right stuff'

By CYNTHIA GEORGES AND TONY FITZPATRICK

Salvatore P. Sutera, Ph.D., senior professor of biomedical engineering and former chair of the Department of Mechanical Engineering, was watching a local newscast earlier this month that featured astronauts greeting the media with their customary grins and salutes when he recognized a former student.

U.S. Air Force Major and NASA astronaut Robert Behnken, Ph.D., Mission Specialist 1 on the International Space Station, was a student of Sutera's between 1990-92. At the time, Behnken was an Air Force ROTC student earning bachelor's degrees in both mechanical en-

gineering and physics.

In May 1992, he was planning to stay for a fifth year and earn a master's degree in mechanical engineering. Sutera would have been his adviser. However, Behnken decided to take his WUSTL degrees and head to the California Institute of Technology, where he spent the next four years earning a master's degree and doctorate in mechanical engineering.

It could be that he was following the example of Sutera, who had done the same thing after earning a bachelor's degree at Johns Hopkins University many years before.

"I don't think it was coincidental that Bob chose my alma mater for his postgraduate

studies," Sutera said. "I think he was motivated by some of the same reasons as I. For one thing, Caltech offered a one-year, non-thesis master's program, and he probably wanted to see the other side of the continent. But then he got hooked and stayed on for three more years and a doctorate."

Sutera remembered Behnken as an energetic, cheerful, likeable young man. Looking up Behnken's transcripts, Sutera saw that he earned As and A-pluses in the courses he taught — grades he didn't give out lightly.

"Bob was definitely a low-maintenance student, one who didn't need a lot of help with

See **Astronaut**, Page 7

## Monitoring device fails to lower risk of anesthesia awareness

By JIM DRYDEN

School of Medicine anesthesiology researchers have found that a device to ensure surgery patients have no memories of their operations may not lower the risk of the phenomenon known as anesthesia awareness.

"Anesthesia awareness implies that a person was able to form memories while under anesthesia," said principal investigator Michael S. Avidan, M.D., associate professor of anesthesiology and of cardiothoracic surgery. "It's extremely rare, only occurring in about one to two surgical patients per thousand, but because of the huge number of operations performed annually, the total number of people with awareness during anesthesia is significant. It can be distressing and can contribute to long-term psychological consequences such as anxiety and even posttraumatic stress disorder in some cases."

As reported in the March 13 issue of the New England Journal of Medicine, a team led by Avidan compared outcomes in almost 2,000 surgery patients treated at Barnes-Jewish Hospital. Half were monitored with a device that measures bispectral index (BIS). The BIS measurement takes data from an electroencephalogram that monitors brain waves. When a person is fully awake, their

See **Device**, Page 6

## Bears basketball back to the Final Four

### Second straight trip to Salem, Va.

The men's basketball team is headed to the Division III Final Four for the second consecutive year after earning a 57-46 win against No. 14 Millsaps College in the sectional final at the WUSTL Field House March 14.

Senior Troy Ruths earned Sectional MVP honors after scoring a game-high 23 points on 9-of-15 shooting from the field. Junior Tyler Nading also was named to the all-sectional team, averaging 15 points, 7.5 rebounds and five steals per game.

The Bears advance to the Final Four for the second time in school history and will face No. 1 Hope College in the national semifinal at the Salem Civic Center in Salem, Va., at 6 p.m. Friday, March 21.

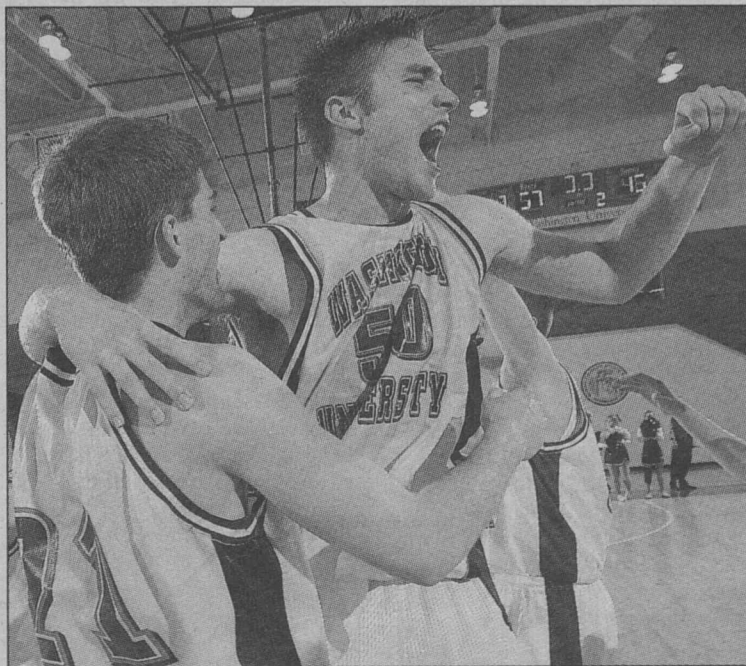
No. 11 WUSTL and Hope last met in the NCAA tournament a

year ago, when the Bears earned a 58-55 win in the sectional final in Stevens Point, Wis.

"This team has found ways all year long to win, so this one tonight didn't surprise me," said coach Mark Edwards, who picked up his 475th career victory. "I couldn't be more proud of them. This is probably one of the biggest gut checks they've had all season."

Before the sectional final, Ruths was named Division III player of the year as the winner of the prestigious Jostens Trophy, a national award created by the Rotary Club of Salem, Va., to honor the outstanding men's and women's Division III basketball players in the country.

The trophy presentation is scheduled for Thursday, March 20, at the Salem Civic Center in Salem, Va.



Tyler Nading (left) and Troy Ruths celebrate their second consecutive trip to the Final Four after defeating Millsaps College March 14. Both Nading and Ruths were named to the all-sectional team.

## New sports management class at Olin includes all-star lineup of guest speakers

BY SHULA NEUMAN

From allegations of steroid use to astronomical salaries, the business of professional sports has unique challenges rarely covered in a standard MBA curriculum. The Olin Business School is an exception. This spring, the school is introducing a sports management course that will feature an "all-star" lineup of guest lecturers.

The class will be co-taught by Todd Milbourn, Ph.D., professor of finance, and by someone who knows the business inside and out: Seth Abraham, former CEO of Time Warner Sports and Madison Square Garden.

"This will be a wonderful introductory class for students to get a panoramic view of the business of sports around the world," Abraham said. "What was once a pastime has now transformed into a global economy. Television rights, team and league management, corporate sponsorship and marketing, media coverage and the impact of multinational corporations will all be covered in depth. Students will get a novel perspective on how the sports economy works."

Interest in the class is strong; 104 business school students have enrolled to learn about the business of sports from some of the most knowledgeable people in the industry.

The first guest speaker March 25 is Neal H. Pilson, a senior industry executive and former president of CBS Sports. Pilson, whose sports television consulting company, Pilson Communications, is active in all areas of sports television, media and marketing, is regarded as one of the savviest negotiators in sports television rights agreements.

"The marriage of sports and television is one of the great success stories in the history of mass communications," Pilson said. "I'm looking forward to sharing my experiences with the students in the sports management class."

Tony Ponturo, vice president of global media and sports marketing for Anheuser-Busch Inc. and president and CEO of the Busch Media Group, will lecture April 1 about the relationship and impact of multinational corporations with sports. A 26-year veteran at Anheuser-Busch, Ponturo is one of the most influential executives in the sports business.

"In my class, I will explain in real-life terms how sponsorships in sports and the media are focused to sell product, and generate sales and market share growth," Ponturo said.

"I also plan to address the complexity of today's consumer and the many 'reach vehicle' choices that are available driven by technology, such as satellite, Internet and mobile telephones," Ponturo said.

Harvey Schiller, Ph.D., will oversee the class discussion April 15 about the management of sports clubs and leagues. Schiller is chairman and CEO of GlobalOptions Group, a multidis-

ciplinary international risk management and business solutions company. He was recently elected president of the International Baseball Federation.

Prior to his current work, Schiller served as vice president of sports programming for Turner Broadcasting System, president of Turner Sports, Inc. and president and governor of the NHL expansion Atlanta Thrashers. Schiller also served as chairman and CEO of YankeeNets, an integrated sports-based media company with ownership of the New York Yankees, New Jersey Nets, and New Jersey Devils and as executive director/secretary general of the United States Olympic Committee.

Given his resume, it is not surprising that Schiller plans to discuss leadership in athletic organizations.

"From amateur to Olympic to professional, based on my personal experiences, we will review the value proposition with regard to organizations, their appeal and the future of sports on the world stage," Schiller says. "Understanding the global interest in sports, its economics and political value presents case studies of value in management development."

The final guest lecture will take place April 22 and be given by Selena Roberts, the first female columnist for Sports Illustrated. She joined the magazine in January after 11 years as an award-winning sports columnist for The

New York Times. Roberts will lecture about the marriage of journalism and sports, which she describes as an often dysfunctional, but necessary relationship.

"In sports management, it is essential to understand the role of reporters and columnists who can influence executive decisions and team strategies, hirings and firings with a single story," Roberts says. "How

should management interact with writers and bloggers? What leeway does a columnist have that a reporter does not? What are the ethical rules of engagement between the two sides? In the rapidly changing landscape of journalism in the Internet age, the issues are ever-changing."

The course is part of the Olin Business School's mission to offer an innovative education that involves faculty, students and members of the broader community.

"We are thrilled to be able to offer this unique course to our students," said Mahendra Gupta, Ph.D., dean and the Geraldine J. and Robert L. Virgil Professor of Accounting and Management at Olin Business School. "Thanks to Mr. Abraham's hard work, our guest speakers will offer perspectives on a wide range of topics pertaining to the global commerce of sports. This is a welcome addition to our curriculum at Olin and demonstrates Olin's dedication to innovation. We expect the class will become a permanent fixture in the future."

The sports management class is a half-semester course. It began March 18 and meets on Tuesday evenings.



**One lap, one lifetime** Senior Kathleen Rains, a cancer survivor, receives a flower on completion of the first lap of Relay for Life March 1 at Francis Field. More than 1,700 people attended the event and helped raise \$180,470 for the American Cancer Society. The national, overnight team event celebrates cancer survivorship and raises money for cancer research and programs. Donations can be made through Aug. 31 at [relay.wustl.edu](http://relay.wustl.edu).

## Trustees hear Plan for Excellence in Arts & Sciences

At its spring meeting March 7, the University's Board of Trustees heard reports on the strategic plan proposed by Arts & Sciences, presented by trustee Earle H. Harbison Jr., chairman of the Harbison Corp. and retired president of the Monsanto Co. The presentation is part of an overall Plan for Excellence, according to Chancellor Mark S. Wrighton.

Joining Harbison with his presentation on Arts & Sciences was Edward S. Macias, Ph.D., executive vice chancellor, dean of Arts & Sciences and the Barbara and David Thomas Distinguished Professor in Arts & Sciences. The presentation focused on the continuing development and strengthening of the University academically.

In his report to the trustees, Wrighton said that the University's decision to sponsor a charter school in cooperation with the KIPP Foundation will be a significant contribution to the St. Louis City schools system and another opportunity for students and faculty to become directly engaged in community service. The KIPP charter schools eventually plan for five tuition-free public schools.

Reviewing the status of current construction projects, the chancellor said that the Harry and Susan Seigle Hall for Social Science and Law will be completed this summer, as will the William and Elizabeth Gray Danforth University Center. Construction has begun on the BJC Institute of Health at Washington University School of Medicine for what will be the largest building erected in University history. Completion of the core structure and shell space is expected in December 2009. Wrighton also said that work continues on schedule for the Village East residence hall for occupancy in the fall.

Wrighton reviewed the recent awards to the University, including Institution of the Year from the St. Louis Minority Business Council and the Cornerstone Award from the Clayton Chamber of Commerce. Further, the University has been named to the 2007 President's Higher Education Community Service Honor Roll, a program of the Corpora-

tion Service sponsored by the President's Council on Service and Civic Participation, the USA Freedom Corps and the U.S. Departments of Education and Housing & Urban Development.

Wrighton also reviewed the University's recent decision to eliminate loans for low-income, undergraduate-student families, and he said that applications for fall 2008's freshman class again have exceeded 22,000 for the third consecutive year.

The University is expecting one of the strongest classes in history when students enroll in August.

Wrighton concluded his remarks by noting that both the men's and women's basketball teams will again make appearances in national NCAA Division III tournaments and that the women's swimming and diving team has qualified eight competitors for the NCAA championships.

Before the meeting, the trustees heard presentations from leading members of the medical school faculty including: Wayne M. Yokoyama, M.D.,

the Sam J. Levin and Audrey Loew Levin Professor of Research in Arthritis and director of the Medical Scientist Training Program (MSTP); David R. Piwnicka-Worms, M.D., Ph.D., professor of radiology and of developmental biology and director of the Molecular Imaging Center; Victoria Fraser, M.D., the J. William Campbell Professor of Medicine and co-director for the infectious diseases division; Timothy J. Ley, M.D., the Alan A. and Edith L. Wolff Professor of Medicine, professor of genetics and director of the Stem Cell Biology Section in the Division of Oncology; and John M. Lasala, M.D., Ph.D., professor of medicine and medical director of the Cardiac Catheter Laboratory and director of Interventional Cardiology. The presentations dealt with cutting-edge research in both laboratory and clinical medicine.

The trustees received reports from the following standing committees: development, educational policy, University finance, medical finance, audit, honorary degree and the Alumni Board of Governors.

## Record

Volume 32, Number 26

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

Associate Vice Chancellor Steven J. Givens  
Executive Editor Susan Killenberg McGinn  
Interim Executive Editor Cynthia Georges  
Editor Leslie Gibson McCarthy  
Associate Editor Neil Schoenherr  
Assistant Editor Jessica Daues  
Medical News Editor Beth Miller  
Calendar Coordinator Angela Hall  
Print Production Carl Jacobs  
Online Production Chris Soer

### News & Comments

(314) 935-5293  
Campus Box 1070  
[record@wustl.edu](mailto:record@wustl.edu)

### Medical News

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

### Calendar Submissions

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

Record (USPS 600-430; ISSN 1043-0520). 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.

### Reprint permission

Articles may be reprinted with appropriate credit to Washington University in St. Louis Record.

 Washington University in St. Louis

## School of Medicine Update

# Exceptional teachers honored with Goldstein awards

By BETH MILLER

**M**ichael Avidan, M.D.; William Clutter, M.D.; and Stanley Misler, M.D., Ph.D., were named the winners of the 2007 Samuel R. Goldstein Leadership Awards in Medical Student Education.

The annual awards, which recognize outstanding teaching, are among the highest honors that School of Medicine teachers can achieve. They were established in 2000 in honor of Goldstein, a longtime friend of the medical school.

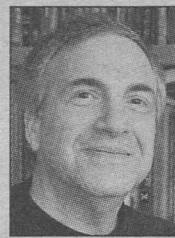
A selection committee, made up of faculty and a student representative from each class, reviews all submitted nominations and selects three awardees based on excellence in and commitment to teaching and educational innovations. The committee forwards its recommendations to Larry J. Shapiro, M.D., executive vice chancellor for medical affairs and dean of the School



Avidan



Clutter



Misler

of Medicine, for final approval.

"There are many deserving faculty members and several possible criteria for nomination, so choosing just three is always a challenge," said Erika C. Crouch M.D., Ph.D., professor of pathology and immunology and chair of the selection committee.

Avidan is associate professor of anesthesiology and cardiothoracic surgery and chief of the Division of Cardiothoracic

Anesthesiology and Critical Care. As a teacher, he leads small-group discussions for first- and second-year medical students and mentors fourth-year students, residents and fellows in clinical research. Students have described him as "the very definition of an exceptional teacher."

Clutter is associate professor of medicine and associate director of the House Staff Training Program. For 23 years, he has been coursemaster of the endocrine pathophysiology course, which consistently receives very favorable student evaluations. He has also taught in the cell and organ systems course, teaches third- and fourth-year students as an attending physician and has participated in curriculum revision.

Misler is associate professor of medicine in the Division of Nephrology, of cell biol-

ogy and physiology and of biomedical engineering. Over the past 25 years, he has taught a wide variety of courses and introduced and developed the Integrative and Adaptive Physiology section, which is unique to U.S. medical school physiology courses. His highly personal teaching style includes a high degree of interactivity with students, poetry and music. He is considered among the most memorable medical school professors.

"The School of Medicine is very fortunate to have such excellent teachers on the faculty," Shapiro said.

"Drs. Avidan, Clutter and Misler have exceptional reputations among students and their peers for their unwavering dedication, outstanding leadership and extraordinary personalities. These awards are well deserved," he said.

Avidan, Clutter and Misler will be recognized at Medical Education Day April 25.



**Cutting a rug** Owen Gentry, a first-year master's student in the George Warren Brown School of Social Work, and Jessica Quinlan, a second-year medical student, put on their dancing shoes at the 12th annual Med Ball March 8 at the Millennium Hotel in St. Louis.

## Health Happening '08 to offer free health, fitness information

By BETH MILLER

**H**ave you been wondering if you have high blood pressure, if you need new glasses or why your feet hurt? You can get answers to those questions and more at the School of Medicine's health and wellness fair Friday, March 28, from 7 a.m.-5 p.m.

Health Happening '08, sponsored by the School of Medicine's Wellness Council, will be held in the first-floor atrium of the McDonnell Pediatrics Research Building on Children's Place and is free to all School of Medicine employees. Attendees will receive giveaways, prizes and health information.

Physician faculty and full-time clinical staff from School of Medicine departments will offer a variety of screening tests, including visual acuity and glaucoma testing, blood pressure screening, glucose tests and hearing tests. Doctoral students from the Program in Physical Therapy will offer posture, fitness and foot screenings as well as screenings using the InBody scale, which reveals a person's body mass index,

composition, fat percentage and water balance.

In addition, School of Medicine specialists, including physicians, dietitians and nurse practitioners, will be on hand to answer individual health questions. Representatives from Siteman Cancer Center will work with participants to evaluate their risk for five major diseases using its YourDiseaseRisk tool, and occupational therapists will provide information on office ergonomics.

Also on hand will be representatives from fitness centers with which the School of Medicine has discounts and a reduced-cost "farmer's market," selling produce from a local supermarket. Participants will get information on ways to manage their own health, learn to make good food choices from registered dietitians, get stress-reduction ideas and a free 5-minute back massage. The school's Bear Bikers cycling team will offer bike safety tips and recruit for its team. There will also be an opportunity to see how yoga and Pilates can work for you and to hone your golf swing via video feedback.

Legail Chandler, director of human resources at the School of Medicine, said representatives from the University's health-care and dental insurance plans and from People Resources, which operates the Employee Assistance Program, also will be available with information about their plans.

Ashley Glade, a third-year doctoral student in the Program in Physical Therapy, said physical therapy students are helping to organize the fair and will also volunteer.

All School of Medicine employees are welcome.

## Gene chips to discern ventilator-associated pneumonia from other illness

By CAROLINE ARBANAS

**U**sing gene chip technology, School of Medicine scientists demonstrate for the first time that they can distinguish pneumonia associated with ventilator use from other serious illnesses. The research, published Feb. 13 in the journal *Public Library of Science One*, suggests that the method may lead to early, more accurate detection and treatment of ventilator-associated pneumonia.

The team analyzed patterns of expression in more than 8,000 genes as patients on mechanical ventilators developed and recovered from pneumonia. They found that changes in the activity of 85 genes could pinpoint early activation of the immune system in response to pneumonia, typically several days before clinical signs of the infection developed. By adding computational tools to their genomic analysis, the researchers also showed they could objectively monitor patients' recovery by graphing changes over time.

"This is an important step toward the development of a specific molecular test for diagnosing infection — in particular pneumonia — and predicting patients' recovery," said J. Perren Cobb, M.D., director of the University's Center for Critical Illness and Health Engineering and an intensivist at Barnes-Jewish Hospital. "If we

could determine which patients are destined to develop pneumonia based on early changes in the activity of genes that regulate immune response, we could give them antibiotics sooner, with the hope that we might be able to prevent or curtail the infection."

As one of the more common and deadly hospital-acquired infections, ventilator-associated pneumonia has recently become a target for both quality-improvement and patient-safety efforts. Up to 30 percent of patients on a ventilator develop pneumonia, statistics show, increasing length of stay, the risk of death and the amount of each patient's hospital bill.

Scientists have tried unsuccessfully for years to identify a single marker or a suite of markers that could diagnose infection in intensive care units. While both fever and an elevated white blood cell count often indicate an infection in healthy individuals, the same symptoms are widespread in ICU patients, where they are linked to a range of underlying conditions, including trauma, shock, organ failure and surgical complications. Diagnosis of infection is even more complicated in patients on a ventilator because they are sedated, and the breathing tube prevents them from talking.

The study took Cobb and his colleagues from the laboratory

bench to patients' bedsides as they refined their method to diagnose pneumonia. Initially, they used the gene chip technology in mice to identify 219 genes whose patterns of expression could distinguish pneumonia from widespread inflammation, another common condition in intensive care units.

The patterns of gene expression in mice also could differentiate between gram-negative bacteria (*Pseudomonas*), a common type responsible for ventilator-associated pneumonia, and gram-positive bacteria (*Streptococcus*), a frequent cause of pneumonia in a community setting.

The researchers then moved to the ICU to determine whether the activity of the equivalent human genes could differentiate between pneumonia and inflammation in patients breathing with the assistance of ventilators. They narrowed their focus to 11 of 20 patients who developed pneumonia more than two days after having a breathing tube inserted. These patients had blood samples drawn at 48-hour intervals to determine whether changes in gene expression could monitor patients' response to treatment and their recovery.

The researchers found alterations in the activity of 85 genes some 24-72 hours before diagnosis of pneumonia by the physician

attending in the ICU.

"This suggests that we could start patients on antibiotics earlier, say at the first change in these genomic vital signs, and we likely could significantly improve their ability to recover from pneumonia," Cobb said.

The scientists confirmed the ability of their genomic analysis to diagnose infection and monitor recovery in a second small group of seven patients on mechanical ventilators.

## WeCar arrives at School of Medicine

**T**he WeCar car-sharing program is now available at the School of Medicine. The program, a partnership between WUSTL Parking & Transportation Services and Enterprise Rent-A-Car, is designed to promote sustainability and to make it easier for faculty, staff and students to use public transportation, bicycles or carpools to commute to and from campus, especially with the closure of Interstate 64.

A Toyota Prius WeCar is available for use by students, faculty, staff and employees of qualified service providers over age 18 for \$10 per hour. Registration, which is free, is available online at [wecar.com/wustl](http://wecar.com/wustl). Print and complete the enrollment agreement, and within a few days you will be issued a personal key fob and cus-

tomater PIN. Then go online to reserve a time to use the vehicle, parked on Surface Lot E off McKinley Avenue near Olin Residence Hall.

The program became available on the Danforth Campus in January.

"The students jumped right in, and there is a core group of employees who use the cars," said Lisa Underwood, director of Parking and Transportation Services on the Danforth Campus. "The biggest demand has been on weekends, so we're looking to increase weekday use. Response from the overall community has been great."

Visit [wecar.com/wustl](http://wecar.com/wustl) for more information.

—Beth Miller

# University Events

## PAD to present Young Choreographers Showcase March 28-30

### Dance concert to feature seven original works

BY LIAM OTTEN

The Performing Arts Department (PAD) in Arts & Sciences will present its third biennial Young Choreographers Showcase March 28-30 in the Annelise Mertz Dance Studio in Mallinckrodt Student Center. The concert will feature more than a dozen dancers in seven original works by student choreographers in the PAD's Dance Program. Performances begin at 8 p.m. March 28 and 29 and at 2 p.m. March 30.

"We have a really interesting mix of dances this year," says David W. Marchant, senior lecturer in dance, who serves as co-artistic director of the showcase, along with senior Noelle Bohaty.

"There's a nice range of styles and groupings and relationships — from modern works to ballet, from abstract design to narrative stories, from solos to large group pieces and all configurations in between," he said.

All works are chosen by audition — a three-part process that began last fall with an initial audition, followed by a selection round and then a final preperformance critique.

The selection jury is comprised of the PAD's four full-time dance faculty — Marchant; Mary-Jean Cowell, associate professor of dance; Christine Knoblauch-O'Neal, senior lecturer in dance; and Cecil Slaughter, senior lecturer in dance — as well as Bohaty and Henry Claude, the PAD's music director for dance.

"The faculty just serve as an oversight committee," Marchant said. "The artistic product, from choreography and performance to lighting and costumes, is realized by the students, and none of that could happen if they weren't willing to dedicate a lot of hours to helping each other.

"The success of each choreographer depends

largely on their peers, which is a remarkable testament to how this department functions."

Bohaty, in addition to serving on the selection jury, choreographs and performs in "The Gathering," a large ensemble piece for eight dancers. Adapted from a site-specific work titled "in these walls," the piece was originally presented last fall as part of a senior thesis project.

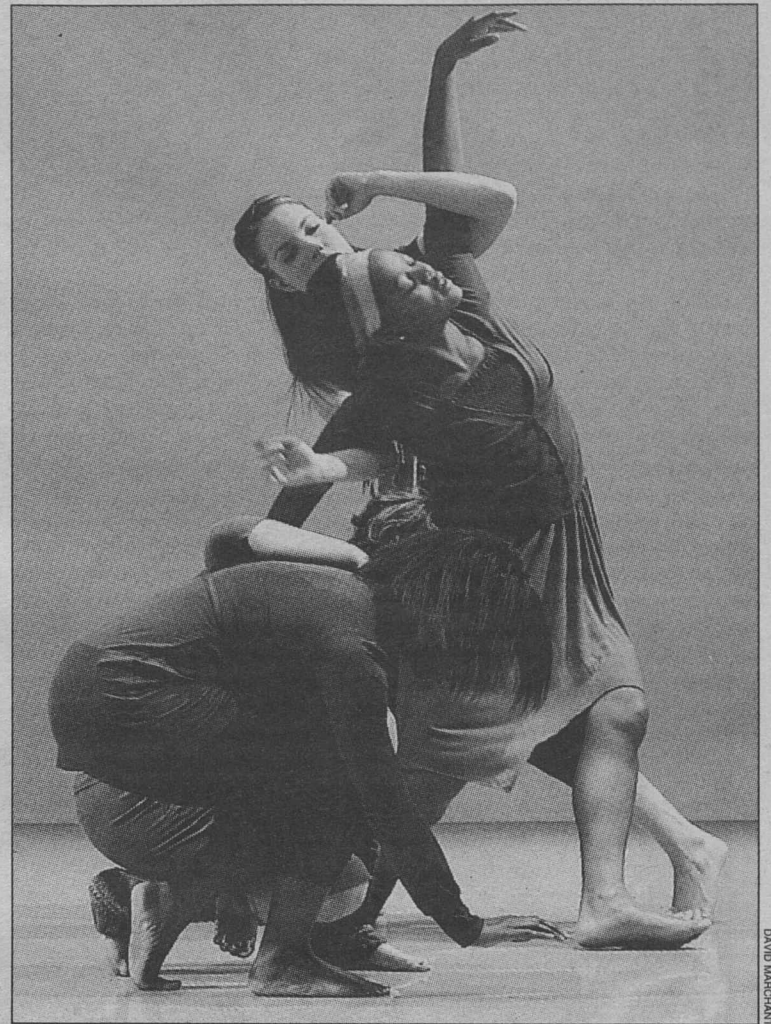
Sophomore Corinn Williams choreographs and performs "Tentatively Behind Closed Doors," a modern solo she describes as "dealing with surface appearances versus internal emotion and the contrast that exists between them." Senior Shaina Goodman and junior Laurie Bonkowski perform Goodman's "Holding," which explores the ability of others to silence one's own self-expression.

Senior Patricia Engel choreographs and performs in "rebound," a modern point piece that includes a trio and two duos through which four dancers "explore their relationship to each other as well as their experience of the past, present and future," Engel said.

Anne Laue-Minden, a senior architecture major in the Sam Fox School of Design & Visual Arts, choreographs and performs in "Drawing Series: Line, Shadow/Object, Figure/Ground." Written for seven dancers, the piece is informed by both architectural and dance studies and serves as "a choreographic investigation of inhabiting and embodying space," Laue-Minden said.

Rounding out the program is a dance by senior Becky Hutt as well as "Shattered Glass," an evocative duet — choreographed and performed by senior Heather Wigmore and junior Jackie Dodd — that examines "the relationships we can and cannot build during a crisis," Hutt said.

Tickets — \$15 for the public and \$9 for seniors, students, faculty and staff — are available through the Edison Theatre Box Office at 935-6543.



Students perform senior Shaina Goodman's 'Holding,' one of the many student works performed at the Young Choreographers Showcase in the Annelise Mertz Dance Studio in Mallinckrodt Center.

## Clouds over Conarky • From Mouse to Man • Fashion Design Show

"University Events" lists a portion of the activities taking place March 20-April 2 at Washington University. Visit the Web for expanded calendars for the Danforth Campus ([webevent.wustl.edu](http://webevent.wustl.edu)) and the School of Medicine ([medschool.wustl.edu/calendars.html](http://medschool.wustl.edu/calendars.html)).

### Exhibits

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

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

"Senior Painting Exhibition." March 29. (6 p.m. Opening Reception.) Des Lee Gallery, 1627 Washington Ave. 935-9347.

"Core Level I Exhibition." April 2. (Noon Opening Reception.) Bixby Hall. 935-9347.

### Film

#### Thursday, March 20

7 p.m. Korean Film Festival. "The Grace Lee Project." Grace Lee, dir. Brown Hall, Rm. 100. 935-4448.

#### Friday, March 21

7 p.m. Korean Film Festival. "A Flower in Hell." Sin Sangok, dir. Brown Hall, Rm. 100. 935-4448.

#### Saturday, March 22

7 p.m. Korean Film Festival. "Crossing the Line." Daniel Gordon, dir. Brown Hall, Rm. 100. 935-4448.

#### Sunday, March 23

7 p.m. Korean Film Festival. "Forbidden Quest." Kim Taewoo, dir. Brown Hall, Rm. 100. 935-4448.

#### Monday, March 24

7 p.m. Jewish, Islamic and Near Eastern Middle East Film Series. "Cairo Station." Wilson Hall, Rm. 214. 935-5567.

#### Thursday, March 27

7 p.m. African Film Festival. "Meokgo and the Stick Fighter" and "Juju Factory." Brown Hall, Rm. 100. 935-7879.

#### Friday, March 28

7 p.m. African Film Festival. "Mama Put" and "Bamako." Brown Hall, Rm. 100. 935-7879.

#### Saturday, March 29

7 p.m. African Film Festival. "Merged" and "Clouds Over Conarky." Brown Hall, Rm. 100. 935-7879.

#### Sunday, March 30

7 p.m. African Film Festival. "Growing Stronger" and "A Love During the War." Brown Hall, Rm. 100. 935-7879.

#### Tuesday, April 1

6 p.m. American Indian Awareness Week Film. "Way of the Warrior." (Discussion follows.) Brown Hall Lounge. 935-6288.

### Lectures

#### Thursday, March 20

Noon. Genetics Seminar. "A Roadmap to Incurability: Lessons Herpes Viruses Have Learned From Co-Evolving With Their Hosts." Herbert W. Virgin, prof. of pathology & immunology, McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

4 p.m. History Colloquium. "Crossing the (Indian) Color Line: A Family Memoir." Philip Deloria, prof. of history & American culture, U. of Mich. (Reception follows.) Co-sponsored by the Buder Center for American Indian Studies. Duncker Hall, Rm. 201, Hurst Lounge. 935-5450.

4 p.m. Vision Science Seminar Series. "New Thoughts on Corneal Endothelial Function." Joseph A. Bonanno, prof. of optometry & vision science, Indiana U. School of Optometry, Maternity Bldg., Rm. 725. 362-3315.

#### Friday, March 21

9:15 a.m. Pediatric Grand Rounds. "The Case for Routine Adolescent HIV Screening in the United States: Identification is Key." Ericka Hayes, instructor in pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Computer Science & Engineering Colloquium. "Modeling, Analysis, and Optimization of On-chip Communication Architectures." Umit Ogras, research assist. in electrical & computer engineering, Carnegie Mellon U. Cupples II Hall, Rm. 217. 935-6160.

11 a.m. Energy, Environmental & Chemical Engineering Seminar Series. AEESP Lecturer. Dave Allen, prof. of chemical engineering U. of Texas at Austin. Lopata Hall, Rm. 101. 935-5548.

Noon. Cell Biology & Physiology Seminar. "Regulation and Malregulation of Mammalian Iron Metabolism." Jerry

Kaplan, prof. of cell biology & immunology, The U. of Utah School of Medicine. McDonnell Medical Sciences Bldg., Rm. 426. 362-6630.

#### Monday, March 24

3:30 p.m. Energy, Environmental & Chemical Engineering Seminar Series. "A Theoretical Study of Polymer Tethered Nanoparticles: Their Assembly in Melts and Role as Novel Fillers in Polymer Nanocomposites." Arthi Jayaraman, postdoctoral assoc., U. of Ill. at Urbana-Champaign. Whitaker Hall Aud. 935-5548.

4 p.m. Immunology Research Seminar Series. "Something New, Something Old About NK Cells and Innate Immunity." Wayne Yokoyama, prof. of medicine. Eric P. Newman Education Center. 362-2763.

5:30 p.m. Cardiac Bioelectricity & Arrhythmia Center Seminar. "Mechanisms of Ventricular Fibrillation and Defibrillation." Jeane V. Marks, assoc. prof. of medicine, biomedical engineering & physiology, The U. of Ala. at Birmingham. (5 p.m. reception.) Whitaker Hall, Rm. 218. 935-7887.

7 p.m. Sam Fox School of Design & Visual Arts Visiting Artist Lecture Series. Rick & Laura Brown. Steinberg Aud. 935-9300.

#### Tuesday, March 25

Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series. "Evolutionary Relationships Among Phototropic Bacteria Deduced From Whole Genome Comparisons." Robert Blankenship, prof. of biology & chemistry. Cori Aud., 4565 McKinley Ave. 286-1123.

4 p.m. Assembly Series. Interdisciplinary Project in the Humanities Lecture. Carl Phillips, prof. of English and African & African American studies. Umrath Hall Lounge. 935-5285.

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

#### Wednesday, March 26

4 p.m. Biochemistry & Molecular Biophysics Seminar. "The Mechanisms and Evolution of Telomere Maintenance Machinery in Budding Yeast." Neil Lue, assoc. prof. of microbiology & immunology, Weill Cornell Medical College. McDonnell Medical Sciences Bldg., Rm. 264. 362-4152.

#### Thursday, March 27

Noon. Genetics Seminar. "From Mouse to Man: The Role of P1(3,5)P2 and FIG4 in

Motor Neuron Disease." Miriam Meisler, prof. of human genetics, U. of Mich. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

4 p.m. Romance Languages & Literatures Lecture. "La Castañeda General Insane Asylum From the Future: History, Photography and Literature in Early 20th Century Mexico." Cristina Rivera-Garza, visiting prof. of Romance languages & literature. (Reception follows.) McDonnell Medical Sciences Bldg., Rm. 250. 935-5175.

4 p.m. Vision Science Seminar Series. "Stem Cells for Repair of the Diseased Retina." Michael Young, assoc. scientist, Schepens Eye Research Inst., Boston. Maternity Bldg., Rm. 725. 362-3315.

6:30 p.m. Kemper Art Museum Curator's Dialogue. Meredith Malone speaks on "Thaddeus Strode: Absolutes and Nothings." (6 p.m. reception.) Kemper Art Museum. 935-4523.

7 p.m. 2008 McDonnell Lecture. "The James Webb Space Telescope: A Window to the Past." Kathryn Flanagan, senior scientist and head of James Webb Space Telescope Mission Office, Space Telescope Science Institute, Baltimore, Md. Wilson Hall, Room 214. 935-5322.

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

8 p.m. The Writing Program Spring Reading Series. Edward P. Jones, author. Whitaker Hall. 935-7130.

#### Friday, March 28

9:15 a.m. Pediatric Grand Rounds. "Hypoglycemia: The Limiting Factor in Diabetes Management." Ana Maria Arbelaez, asst. prof. of pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Computer Science & Engineering Colloquium. "Tree-Based Overlay Networks for Scalable, Reliable Tools and Applications." Dorian Arnold, fellow research asst. in computer sciences, U. of Wis. Cupples II Hall, Rm. 217. 935-6160.

11 a.m. Energy, Environmental & Chemical Engineering Seminar Series. Roger Lewis, assoc. prof. of community health, Saint Louis U. Whitaker Hall Aud. 935-5548.

Noon. Cell Biology & Physiology Seminar. "RNA Targets, Fat Transport and Cell Death: A Stressful Situation." Nicholas O. Davidson, prof. of medicine. McDonnell Medical Sciences Bldg., Rm. 426. 362-6630.

4 p.m. Dept. of Music Lecture Series. "Representations of Jewish Identity in Selected Operas by Rossini and Verdi." Jesse Rosenberg, asst. prof. of music studies, Northwestern U. Music Classroom

Bldg., Rm. 102. 935-4841.

#### Monday, March 31

11 a.m. American Indian Awareness Week Poetry Reading. Alice Azure and Mi'kmaq Elder. Sponsored by the Buder Center for American Indian Studies. Goldfarb Hall Student Commons. 935-6288.

Noon. Work, Families and Public Policy Brown Bag Seminar Series. "Intimate Discrimination." Elizabeth Emens, assoc. prof. of law, Columbia Law School. Eliot Hall, Rm. 300. 935-4918.

3 p.m. Siteman Cancer Center Seminar. "Olig Genes in CNS Development and Tumorigenesis." David H. Rowitch, prof. of pediatrics & neurosurgery, U. of Calif., San Francisco. South Bldg., Rm. 3907, Philip Needleman Library. 454-8981.

4 p.m. Gephardt Institute for Public Service Lecture. "YouTube and Political Rhetoric." Sam Coppersmith and Bob McEwen, former U.S. congressmen. Co-sponsored by WU Votes. Women's Building Formal Lounge. 608-1497.

4 p.m. Immunology Research Seminar Series. "SAP Family Adaptors in Immunity." André Veillette, lab. dir. in molecular oncology, Institut de Recherches Cliniques de Montréal. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

5:30 p.m. Cardiac Bioelectricity & Arrhythmia Center Seminar. "Functional Anatomy of the AV Node." Igor R. Efimov, assoc. prof. of biomedical engineering & physiology, The U. of Ala. at Birmingham. (5 p.m. reception.) Whitaker Hall, Rm. 218. 935-7887.

6:30 p.m. Architecture Lecture Series. Tom Kundig, Olson Sundberg Kundig Allen Architects, Seattle. (6 p.m. reception. Givens Hall.) Steinberg Aud. 935-9300.

#### Tuesday, April 1

9 a.m.-4:30 p.m. Center for the Application of Information Technology Workshop. "Business Strategy Fundamentals for IT Professionals." (Continues 9 a.m.-4:30 p.m. April 2.) Cost: \$850, reduced fees available for CAIT member organizations. CAIT, 5 N. Jackson Ave. 935-4444.

Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series. "How Cryptococcus Makes Its Coat." Tamara Doering, assoc. prof. of molecular microbiology. Cori Aud., 4565 McKinley Ave. 362-8873.

3 p.m. School of Law Public Interest Law and Policy Speaker Series. "Race and the Roberts Court." Charles Ogletree, prof. of law, Harvard U. Anheuser-Busch Hall, Rm. 401. 935-6419.

## Acclaimed choreographer Susan Marshall brings 'Cloudless' to Edison

Susan Marshall, hailed by The New York Times as "one of the most significant choreographers working today," combines explosive athleticism with subtle yet familiar movements drawn from daily life.

Next week her troupe, Susan Marshall & Company, will present "Cloudless," a collection of solos, duets and small group pieces, as part of the Edison Theatre OVA-TIONS! Series. Performances begin at 8 p.m. March 28 and 29.

Marshall, the recipient of a 2000 MacArthur Foundation "genius award," got her start in 1982 creating works for CoDanceCo, a New York repertory company; and at The Yard, the venerable performing arts colony on Martha's Vineyard, where her collaborators included dancers Arthur Armijo and WUSTL alumnus David Dorfman (BSBA '77).

Marshall presented her first evening-length concert shortly thereafter at New York's Emanuel Midtown YM-YWHA and at PS 122. In 1985, she began what would become a long-term relationship with the city's Dance Theatre Workshop, presenting a weeklong season as Susan Marshall & Company. The warm critical reception included the first of the company's 10 New York Dance and Performance, or "Bessie," Awards.

Over the years, Marshall's work has evolved from short, intimate duets such as "Arms" (1984) and "Kiss" (1987) — both of which remain in repertory — to large-scale, works such as "The Descent Beckons" (1999), "The Most Dangerous Room in the House" (1998) and "Les Enfants Terribles (The Children of the Game)" (1996), created in collab-

oration with composer Philip Glass.

"Cloudless," which debuted at Dance Theatre Workshop in 2006, was created to celebrate the company's 20th anniversary and revisits many of the themes that have defined Marshall's career. Structured as a collection of short stories, the concert is composed of 18 poetic yet unpredictable vignettes ranging in length from 30 seconds to 5 minutes that wed formal dance structures with everyday motions and gestures — an embrace, a touch, a turn of the head. The results blur the line between narrative and abstract dance and gather increasing emotional force as the evening progresses.

"The fascination of Marshall's work lies in the way her intelligently calibrated constructions reveal nuances of human emotion," noted New York Magazine. "Her central subject matter seems to be the complexity of intimate relationships, the absurdities and even hidden hostilities that form part of even the tenderest friendship, the sweetest romance."

In 2006, "Cloudless" received the Bessie Award for Outstanding Choreographic Achievement — Marshall's third win in the category. Other honors, in addition to the MacArthur Fellowship, include an American Choreographer Award, a Dance Magazine Award, a Guggenheim Fellowship, a Brandeis University Creative Arts Citation and two New York State Council on the Arts (NYSCA) Fellowships.

Susan Marshall & Company appears at dozens of international festivals annually, including the Edinburgh International Festival, Festival International de Nouvelle Danse in Montreal, Spoleto, the



'Cloudless' is composed of 18 vignettes that wed formal dance structures to everyday motions and gestures, such as an embrace or a turn of the head. Each vignette builds on the next so that the show gathers emotion as it progresses.

American Dance Festival, Vienna Tanz and the Brooklyn Academy of Music's Next Wave Festival.

Marshall also has created dances for the Lyon Opera Ballet, the Frankfurt Ballet, the Boston Ballet and Montreal Danse, among others. She recently pro-

vided stage direction for Glass' "Book of Longing," based on the poetry of Leonard Cohen, and choreographed dances in operas staged for the Los Angeles Music Center and the New York City Opera.

Tickets — \$30; \$25 for seniors,

faculty and staff; and \$18 for students and children — are available at the Edison Theatre Box Office and through all MetroTix outlets.

For more information, call 935-6543 or e-mail Edison@wustl.edu.

## African Film Festival: eight films from eight nations

BY NEIL SCHOENHERR

The third African Film Festival will be held March 27-30. The series consists of four feature films and four short films from eight different African nations, touching on themes of love, gender, family and the effects of globalization. It also will include a new youth program March 26-27. "The festival is an excellent

opportunity to experience various African cultures in one weekend," said Wilmetta Toliver-Diallo, Ph.D., assistant dean and senior lecturer in African & African American Studies in Arts & Sciences.

"Each year, the films offer something very new and exciting to St. Louis audiences. I think more important than the story line of each film is the glimpse into the everyday lives of important African cities and towns," she said.

All screenings are free and open to the public and begin at 7 p.m. each evening in Brown Hall, Room 100. A postshow discussion and reception will follow Sunday's films.

Senior Olawale Hassan, president of the African Students Association, said the festival has been an amazing way to connect the campus with the social, political and cultural experiences of many African countries and individuals. "Each of the films gives a unique view into the diversity of our world and conveys a message that our wants and needs as human beings are the same for all of us," Hassan said.

The youth program was created in conjunction with the La Crèche St. Louis and supported by the Saint Louis Art Museum to cultivate younger audiences by introducing elementary and high-school students to African film. Teachers will receive a curriculum guide for the films shown at the youth program. Films include "Les Arbres Aux Esprits" at 9:30

a.m. March 26 and "Hop" at noon March 27.

Most of the films in the series have been provided by the African Film Festival, a New York-based not-for-profit organization dedicated to promoting African arts, literature and culture.

The Traveling Film Series, now in its 12th year, highlights an often-neglected part of international film culture — and one frequently overlooked by major film distributors.

Each year, the series travels to about a dozen cities, reaching thousands of viewers who would otherwise have little or no opportunity to view African cinema.

This year's festival is made possible by a grant from the Missouri Arts Council and support from the National Endowments for the Arts, the Andy Warhol Foundation for the Visual Arts and the New York State Council on the Arts.

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

Brown Hall is located near the intersection of Forsyth Boulevard and Chaplin Drive.

For more information, visit wupa.wustl.edu/africanfilm or call 935-7879.

**5:30 p.m. Biophysical Evenings Seminar.** "The How and Why of Polyglutamine Aggregation." Rohit Pappu, assoc. prof. of biomedical engineering, Cori Aud., 4565 McKinley Ave. 362-4152.

**7 p.m. Film & Media Studies Book Reading.** "The Story of Forgetting." Written by Stefan Block, WUSTL graduate. Duncker Hall, Rm. 201, Hurst Lounge. 935-4056.

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

### Wednesday, April 2

**4 p.m. American Indian Awareness Week Lecture.** "Traditional Tribal Ceremony as Therapy in Post-Traumatic Stress." Harold Barse, Kiowa/Wichita/Sisseton-Wahpeton Sioux. Brown Hall Lounge. 935-6288.

**4 p.m. Anesthesiology Lecture.** Annual C.R. Stephen Lecture. "Personalized Healthcare." Jeffrey R. Balsler, prof. of anesthesiology, medicine and pharmacology, Vanderbilt Medical Center. Eric P. Newman Education Center. 454-8701.

**4 p.m. Biochemistry & Molecular Biophysics Seminar.** "How Directional Translocation is Regulated by a DNA Helicase Motor." Klaus Schulten, prof. of chemistry, U. of Ill. at Urbana-Champaign. McDonnell Medical Sciences Bldg., Rm. 264. 362-4152.

**4 p.m. Physics Colloquium.** "Factorisation of Numbers, Schrödinger Cats and the Riemann Hypothesis." Wolfgang P. Schleich, Institut für Quantenphysik, Universität Ulm. (3:30 p.m. coffee, Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

**6:15 p.m. Germanic Languages & Literatures Lecture.** "Orte und Praktiken Religiöser Gewalt im Drei igjährigen Krieg: Konfessionelle Unterschiede und ihre Wahrnehmungen im Spiegel von Selbstzeugnissen." Hans Medick, visiting prof. January Hall, Rm. 10A. 935-5106.

## Music

### Thursday, March 20

**8 p.m. Jazz at Holmes.** BAG Trio. Zimbabwe Nkenya, Mike Nelson and Gary Sykes. Ridgley Hall, Holmes Lounge. 935-5566.

### Friday, March 21

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

**7 p.m. Graduate Piano Recital.** Osnat Shpringman. Graham Chapel. 935-4841.

### Saturday, March 22

**3 p.m. Senior Piano Recital.** Jennifer Krahn. Recital Hall, 560 Trinity Ave. 935-4841.

### Thursday, March 27

**8 p.m. Jazz at Holmes.** Jeanne Trevor and the Carolbeth True Trio. Ridgley Hall, Holmes Lounge. 935-5566.

### Friday, March 28

**6 p.m. Kemper Presents Concert Series.** Learn, Artist! Kemper Art Museum. 935-4523.

**7:30 p.m. Trinity Piano Trio.** Recital Hall, 560 Trinity Ave. 935-4841.

### Saturday, March 29

**7 p.m. Concert.** Ustad Imrat Khan, sitar. E. Desmond Lee Concert Hall, 560 Trinity Ave. 935-4841.

### Tuesday, April 1

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

## On Stage

### Friday, March 28

**8 p.m. OVATIONS! Series.** "Cloudless." (Also 8 p.m. March 29.) Cost: \$30, \$25 for seniors, WUSTL faculty & staff, \$18 for students & children. Edison Theatre. 935-6543.

**8 p.m. Performing Arts Dept. Presentation.** "Young Choreographers Showcase." (Also 8 p.m. March 29; 2 p.m. March 30.) Cost: \$15, \$9 for seniors, WUSTL students, faculty & staff. Mallinckrodt Student Center, Annelise Mertz Dance Studio. 935-6543.

## Sports

### Friday, March 21

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

**1 p.m. Baseball vs. Benedictine U.** Kelly Field. 935-4705. 1:30 p.m. Softball vs. Wartburg College. WUSTL Field. 935-4705.

### Saturday, March 22

**1:30 p.m. Baseball vs. Ill. Wesleyan U.** Kelly Field. 935-4705.

### Thursday, March 27

**All Day. Track & Field WU Invitational.** (Continues all day March 28-29.) Francis Field. 935-4705.

**3 p.m. Softball vs. Incarnate Word.** WUSTL Field. 935-4705.

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

### Saturday, March 29

**10 a.m. Softball vs. Fontbonne U. Saint Louis Invitational.** WUSTL Field. 935-4705.

**Noon. Softball vs. College of St. Scholastica.** Saint Louis Invitational. WUSTL Field. 935-4705.

### Sunday, March 30

**Noon. Softball vs. Central College.** Saint Louis Invitational. WUSTL Field. 935-4705.

**2 p.m. Softball vs. Maryville U. Saint Louis Invitational.** WUSTL Field. 935-4705.

### Monday, March 31

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

### Wednesday, April 2

**1 p.m. Baseball vs. MacMurray College.** Kelly Field. 935-4705.

## And More

### Friday, March 28

**7 a.m.-5 p.m. School of Medicine Health & Wellness Fair.** McDonnell Pediatric Research Bldg., First Fl., Atrium. For more info: healthyliving.wustl.edu.

### Sunday, March 30

**8 p.m. School of Art Annual Fashion Design Show.** Cost: \$65, general seating; \$35, standing room only. Four Seasons Hotel, Lumiere Place Casino & Hotels, 999 Second Street. 935-9090.

### Thursday, April 3

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

## Thurtene Road Race March 30

BY NEIL SCHOENHERR

The annual Thurtene Road Race, which raises both money for charity and awareness of the Thurtene Carnival in April, will be held at 8:30 a.m. March 30 on the Danforth Campus.

"This year's race is going to be a great time for families to enjoy some fun and exercise together," said junior James Cornwall, economics major in Arts & Sciences and vice president of the road race for Thurtene Junior Honorary 2008. "We hope that faculty and staff members and their families can participate and help us raise money for our charity."

Proceeds from the event, which

includes a 5K road race and a one-kilometer fun run/walk, will benefit Thurtene's chosen charity this year, the South Side Day Nursery in St. Louis.

The registration fee — \$20 for adults and \$10 for students and children — can be paid the day of the race or online at thurtene.org.

Both races will start and end at Francis Field. Costumes are encouraged, and a prize will be awarded for the best one.

The Thurtene Carnival, the oldest and largest student-run carnival in the nation, will be held on the Danforth Campus April 12-13.

For more information on the race, visit thurtene.org or call Cornwall at (917) 974-6931.



**Welcome to our home** Himadri B. Pakrasi, Ph.D., director of the International Center for Advanced Renewable Energy and Sustainability (I-CARES) and the George William and Irene Koechig Freiberg Professor of Biology in Arts & Sciences, addresses the crowd at the I-CARES Open House Feb. 29 in Wilson Hall. Nearly 150 students, faculty and research affiliates from around the nation attended the event, which included remarks from Chancellor Mark S. Wrighton on the history of I-CARES. The program also included information on the mission of the center and plans for personnel and physical facilities. To view a slideshow of photos from the event, go to [record.wustl.edu/news-info/page/normal/11297.html](http://record.wustl.edu/news-info/page/normal/11297.html).

## Sports

### Leonard-Fleckman wins pole vault title

The women's track and field team earned a school-record third-place finish at the 2008 NCAA Division III Indoor National Championships in Ada, Ohio, March 14-15.

The team was led by senior Morgen Leonard-Fleckman, who won the pole vault national championship with a WUSTL-record jump of 3.86 meters. Leonard-Fleckman is the third WUSTL student-athlete to win an individual national title and was named the NCAA Women's Field Athlete of the Meet.

Junior Danielle Wadlington also had a strong performance, finishing second in the triple jump with a distance of 11.68 meters — just 0.02 meters behind the meet champion. The distance medley relay team of freshman Kelli Blake, junior Erika Wade, freshman Sangeeta Hardy and freshman Taryn Surtees also achieved All-American honors with a fourth-place finish.

### Women's swimming team sixth at NCAAs

The women's swimming and diving team swam to the second-best NCAA finish in program history, placing sixth overall at the NCAA Division III Swimming and Diving National Championships in Oxford, Ohio, March 13-15.

Senior Meredith Nordbrock garnered seven All-American citations, three in individual events and four in relays. She also broke three school records — the 200-yard backstroke (2:01.97), the 200-yard individual medley (2:02.97) and the 400-yard individual medley (4:22.19).

A total of eight student-athletes earned All-American honors, including junior Kelly Kono, sophomore Jessie Lodewyk, senior Priya Srikanth, sophomore Liz Caravati, senior Kristen Mann, senior Katie Hodges and freshman Claire Henderson.

The men's team will be in competition at the NCAA championships Thursday-Saturday, March 20-22, in Oxford, Ohio.

### Softball claims fifth straight UAA title

The softball team posted a 7-1 record last week in Altamonte Springs, Fla., en route to its fifth-straight University Athletic Association (UAA) championship. The Bears captured the tournament title with an 8-6 come-from-behind victory against No. 8 Emory University March 15.

Senior outfielder Karli Stander hit .467 with a UAA-best 10 runs scored in the eight-game championship. Freshman pitcher Claire Voris posted a 5-0 record on the mound with a 1.98 earned run

average. Voris tied a school record with 17 strikeouts in an 8-2 win against the University of Rochester. The Bears (15-3, 7-1 UAA) return to action at home Friday, March 21, against No. 14 Wartburg College in a doubleheader at 1:30 p.m.

### Conlon named WUSTL women's soccer coach

Athletics Director John Schael named Jim Conlon head women's soccer coach. Conlon arrives at WUSTL after serving eight seasons as the head women's and men's soccer coach at Wartburg College in Waverly, Iowa.

He is the third women's soccer coach in WUSTL history and the second full-time coach. Conlon replaces Wendy Dillinger, who spent six years as head women's coach on the Danforth Campus before resigning in January to take the same position at Iowa State University.

### Baseball ties for third at UAA tournament

The baseball team tied for third place at the 2008 University Athletic Association championships in Sanford, Fla., March 11-15. With a shot to finish in a three-way tie for first heading into the tournament finale March 15, the WUSTL pitching staff ran out of gas and fell to Rochester, 20-4.

## Award

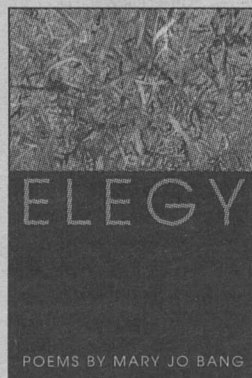
### Recognition is 'bittersweet honor'

— from Page 1

are astonishing — here is fierce, controlled abandon, here is one of our finest poets utterly in the moment, yet the moment is unbearable. 'There is no waking from death,' Bang writes, and yet each of these poems is fully alive."

Bang's first book, "Apology for Want" (1997), was awarded the 1996 Bakeless Prize and the 1998 Great Lakes Colleges Association New Writers Award. It also was cited as one of the National Book Critics Circle's Notable Books in 1997.

Both her second collection, "Louise in Love" (2001), and "Elegies" won the Poetry Society of America's Alice Fay di Castagnola Award for a manuscript in



chosen by poet and essayist Mark Strand for the University of Georgia's Contemporary Poetry Series, and "The Eye Like a Strange Balloon" (2004).

Bang's poetry has appeared in journals such as *The Paris Review*, *The New Yorker*, *The New Republic*, *Volt*, *Fence*, *Denver Quarterly* and anthologies such as "Best American Poetry" (2001, 2004 and 2007).

Bang was the poetry co-editor

progress.

Her other books are "The Downstream Extremity of the Isle of Swans" (2001),

at the Boston Review from 1995-2005. She is the recipient of a "Discovery"/The Nation Award, a Pushcart Prize, a Hodder Fellowship from Princeton University and a grant from the Guggenheim Foundation.

Born in Waynesville, Mo., Bang grew up in north St. Louis and earned bachelor's and master's degrees in sociology from Northwestern University.

She also holds a bachelor's degree in photography from the Polytechnic of Central London and a master's degree in creative writing from Columbia University.

Bang joined WUSTL in 2000. She became director of The Writing Program in 2005.

Founded in 1974, the National Book Critics Circle is a nonprofit organization consisting of nearly 700 book reviewers who honor quality writing and communicate with one another about common concerns.

## New tool to help WUSTL identify troubled students

BY NEIL SCHOENHERR

Student Health Services is making available an online Web-based resource, MentalHealthEdu, to help faculty and staff members recognize students who are in distress and determine the best ways to help them.

"Students often reach out to faculty and staff with issues that are troubling them," said Alan I. Glass, M.D., director of Student Health Services.

"Faculty and staff are often the first to notice changes in students that may indicate more complex mental health issues. MentalHealthEdu gives faculty and staff members the tools necessary for identifying students who may need professional intervention and identifies University resources for referral of these students," he said.

Designed by mental health experts known for their work with college and university students, MentalHealthEdu is a 30-minute online program that helps faculty and staff members recognize warning signs of students in dis-

tress and how to refer them to appropriate WUSTL resources.

"We have received an increasing number of requests from faculty and staff for exactly this type of program," Glass said. "We have multiple resources available to assist students. This tool will help to increase utilization of these resources."

MentalHealthEdu aims to reduce the stigma associated with mental health issues and to promote early intervention. Participants learn to interpret the signs of stress commonly exhibited by students.

The program also provides specific suggestions for reaching out to students and presents realistic exercises that allow participants to evaluate the impact of taking, or not taking, certain steps.

Interested faculty members can obtain a course login at [faculty.wustl.edu](http://faculty.wustl.edu). Staff and students can get a login at [shs.wustl.edu](http://shs.wustl.edu).

For more information about the program and its benefits, e-mail Glass at [aglass@wustl.edu](mailto:aglass@wustl.edu).

## Device

### Larger follow-up studies still needed

— from Page 1

BIS measurement is 100, while no brain wave activity would be rated as zero. Anesthesiologists who use BIS monitors are advised to adjust patients' anesthesia in order to keep the reading between 40 and 60 to prevent anesthesia awareness during surgery.

Investigators used end-tidal anesthetic gas (ETAG) to guide anesthesia administration in the other half of the study patients. Unlike BIS monitors that measure brain waves, ETAG monitoring measures the amounts of anesthetic gases present in the air that a patient exhales. When levels get too low, the anesthesiologist may increase the levels of gas anesthetics used to keep a patient unconscious and unable to remember their experience in surgery.

A 2004 study called B-Aware had reported that using a BIS monitor could reduce the risk of anesthesia awareness, but Alex S. Evers, M.D., a co-investigator on the WUSTL study, said there were potential flaws with that initial study. First, it had not compared BIS to any other known monitoring protocols that had been used to reduce anesthesia awareness. So the team conducted what they called the B-Unaware trial.

"The first study was like having a control group that got no treatment," said Evers, the Henry E. Mallinckrodt Professor and head of the Department of Anesthesiology.

"We thought it made more sense to compare the bispectral index to ETAG monitoring to see if we could detect any differences in the incidence of awareness between the two groups," Evers said.

They also wanted to see whether a BIS monitor could have detected anesthesia awareness when it occurred in the ETAG-guided group. So the brain waves of surgical patients in the latter group also were measured with a BIS monitor, but the anesthesiologist in the operating room did not see the BIS measurement during the surgery.

Although anesthesia awareness may occur in about 1 percent of patients at high risk, in this study, only two patients from each study

group had memories of their surgical experience — about 0.2 percent of the total. In those cases in which a patient monitored with the ETAG technique experienced memories, investigators went back and found that the BIS monitor showed that those patients were being maintained in the range that is supposed to prevent anesthesia awareness.

"Part of the risk of awareness involves the surgical procedure and individual patients," Avidan said. "Bigger operations are more likely to produce awareness, so a person having open heart surgery will be at greater risk than one having cartilage removed from a knee. In addition, patients who are sicker at the time of surgery, and those who take certain drugs or drink alcohol are more likely to have awareness."

But even those at elevated risk still will experience anesthesia awareness only about 1 percent of the time. For those without an elevated risk, the incidence is closer to one- to two-in-1,000.

The researchers warn that because the risk is so low and because there were only about 2,000 patients in this study, it might not be possible to detect tiny differences between the BIS and ETAG monitoring techniques. They plan to continue comparing the techniques in larger groups of patients.

Another potential problem is that they used anesthetic gases, whereas the BIS algorithm was developed using predominantly intravenous anesthesia.

But Avidan and Evers said that since the vast majority of surgical anesthesia involves anesthetic gases, their study provides a truer measurement of the effectiveness of BIS and ETAG guidance in preventing anesthesia awareness.

"There was essentially no difference," Avidan said. "We were able to achieve a very low incidence of anesthesia awareness with both protocols. But neither was able to eliminate the problem completely, and we worry that use of the bispectral index could give anesthesiologists a false sense of security that if they keep the measurement between 40 and 60, they'll prevent anesthesia awareness. This study has demonstrated that's not entirely true."

Avidan said because this study showed it to be no better than other techniques, the widespread use of BIS monitoring in operating rooms around the country may not be warranted.

But he said that larger follow-up studies need to be done to replicate or refute these findings.

## Notables

### Law professor named to U.S. patent advisory board

U.S. Secretary of Commerce Carlos M. Gutierrez recently appointed F. Scott Kieff, J.D., professor of law, to serve a three-year term on the nine-person Patent Public Advisory Committee of the U.S. Patent and Trademark Office.

Congress created the committee in 1999 to advise the under secretary of commerce for intellectual property and director of the U.S. Patent and Trademark Office on matters relating to the policies, goals, performance, budget and user fees of the patent

operation.

Kieff also is a Research Fellow at Stanford's Hoover Institution, where he runs the Hoover Project on Commercializing Innovation, and a faculty member of the Munich Intellectual Property Law Center in Germany.

He regularly serves as a testifying and consulting expert, mediator and arbitrator to law firms, businesses, government agencies and courts, and served for two years on the Federal Circuit's Appellate Mediation Panel.

### Construction Update

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

#### Danforth Campus

##### Harry and Susan Seigle Hall

Rough-in has begun on hard ceilings. The drywall is being finished on Level 3. Work began on the trim for lower levels in March. Stonemasonry work is progressing on the north and northwest portions of the building. Construction should be completed by June 2008.

##### Danforth University Center

Painting has begun in some spaces on Level 1 and in the kitchen. The ceiling millwork is complete, and the erection of the grand staircase is in process in the commons. On Level 2,

the fun room drywall and ceiling is under way. The tile installation in the restrooms was completed March 6, and the millwork in the formal lounge is 60 percent complete. Weather has held up the completion of copper caps, dormer copper, scuppers and downspouts. The project is on schedule to be completed by July 2008.

##### Village East

The building is enclosed and heated. Drywall work is on schedule. The paint color in the mock room has been approved as well as the aggregate sidewalk sample. Mechanical, electrical and plumbing systems rough-ins continue. Masonry and roofing work has been delayed due to the outside air temperature and inclement weather. This project is scheduled for completion in August 2008.

### Astronaut

**Behnken's success reflects well on WUSTL**  
— from Page 1

homework problems," Sutura said. "Obviously, he did very well to get the master's and Ph.D. from Caltech in four years. That's a very rigorous, challenging environment. Only the best students can survive it."

Behnken is in the middle of the first space flight of his career on the spacecraft Endeavor, which launched March 11. He is one of seven astronauts on NASA shuttle mission STS-123, a 16-day mission that will enable the crew to add science capabilities to the space station as well as deliver equipment to aid in future maintenance operations.

Astronauts are installing the first section of Kibo, a Japanese-built laboratory, and the Canadian-made robotics system known as Dextre. STS-123 is the 25th shuttle mission and longest shuttle flight to the International Space Station to date.

The mission, which features five spacewalks, combines the expertise and experience of several countries working together to create a working research "home" in space. Behnken is scheduled to make three space walks.

He is coordinator of internal space walks and will be operating the Space Station's robotic arm, thus playing a vital role in connecting Kibo to the Space Station.

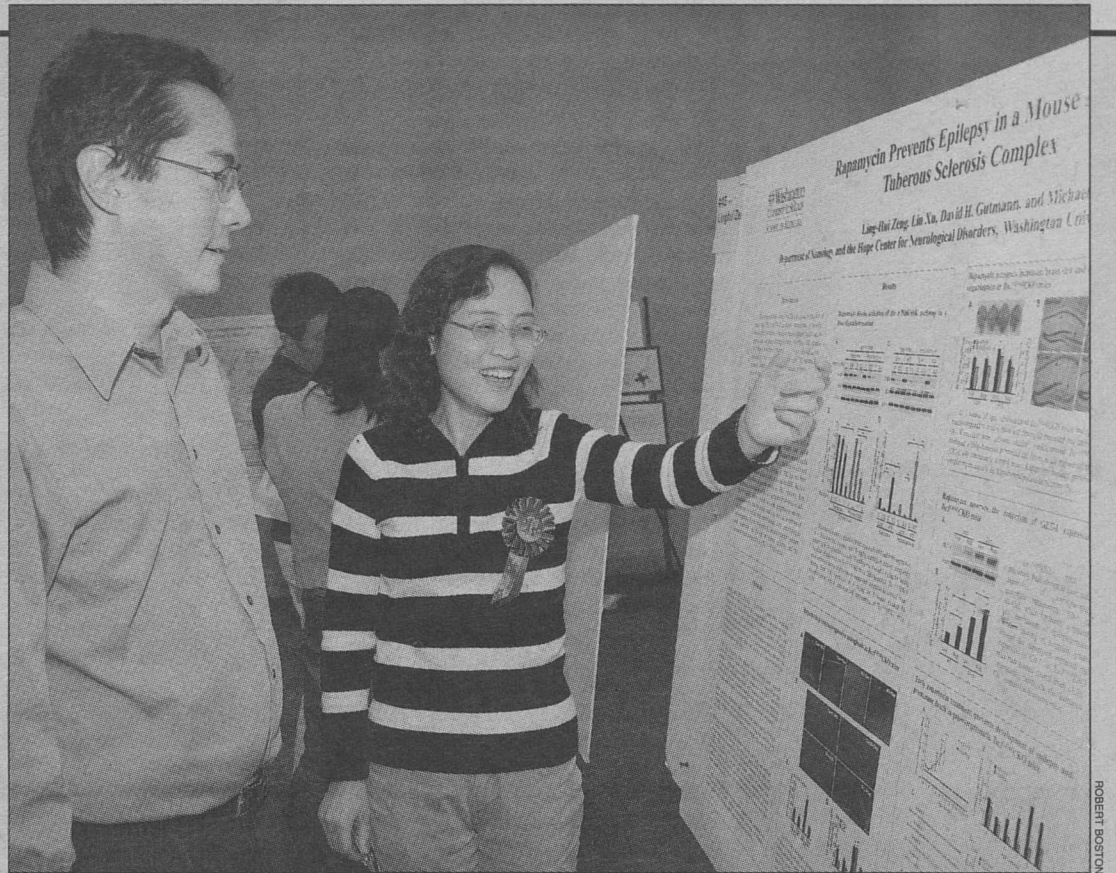
Behnken has collected many honors in his career, including being named the University's Outstanding Mechanical Engineering Senior in 1992.

Other honors: National Science Foundation Graduate Research Fellow (1993-96), Caltech; Air Force Research Laboratory Munitions Directorate, Eglin AFB Florida Company Grade Officer of the Year (1997); USAF Achievement Medal (1997); USAF Commendation Medal (1998); Distinguished Graduate from the USAF Test Pilot School Program (1999); USAF Test Pilot School Colonel Ray Jones Award as the top Flight Test Engineer/Flight Test Navigator in class 98B; and USAF Commendation Medal (2000).

At Caltech, Behnken's thesis research was in the area of nonlinear control applied to stabilizing rotating stall and surge in axial flow compressors, subjects that are highly relevant to the design and performance of jet engines. The research included nonlinear analysis, real-time software implementation development and extensive hardware construction. During his first two years of graduate study, Behnken developed and implemented real-time control algorithms and hardware for flexible robotic manipulators.

Sutura said Behnken's success as a scientist, pilot and now as astronaut reflects well on the University.

"Bob obviously had 'the right stuff,' and we can feel proud for having given him a good foundation and launching him to greater heights," Sutura said.



**Blue ribbon** Linghui Zeng, M.D., Ph.D. (right), a postdoctoral research associate in neurology, shows Michael Wong, M.D., Ph.D., assistant professor of neurology and Zeng's mentor, her winning poster titled "Rapamycin Prevents Epilepsy in a Mouse Model of Tuberous Sclerosis Complex" at the 2008 Postdoc Scientific Symposium poster session at the Eric P. Newman Education Center.

### For the Record

#### Of note

**Muthanna H. Al-Dahhan**, Ph.D., professor of energy, environmental and chemical engineering and co-director of the Chemical Reaction Engineering Laboratory, has received a three-year, \$880,647 grant from Department of Energy-Nuclear Energy Research Initiative for research titled "Very High Temperature Nuclear Reactors (VHTR) Research Consortium" in collaboration with the University of Missouri-

Columbia and North Carolina State University. This research will address the fundamentals and advancement of fourth-generation nuclear reactors (pebble bed reactors), which are environmentally friendly and characterized by risk-free proliferation and high thermal efficiency for energy and hydrogen production. ...

**Pratim Biswas**, Ph.D., the Stifel and Quinette Jens Professor and chair of the Department of Energy, Environmental and Chemical Engineering, has received a \$90,000 subaward from Pegasus Technical Services Inc. on

a project funded by the U.S. Environmental Protection Agency for research titled "Multi-Scale Infrastructure Characterizations Studies: BioFuel Production Facilities." ...

**Henrika McCoy**, doctoral candidate in the George Warren Brown School of Social Work, has received a \$5,000 grant from the Fahs-Beck Fund for Research and Experimentation for research titled "Exploring MAYSI-2 Differences: African American & Caucasian Male Juvenile Offenders."

### Obituaries

#### Lawrence 'Larry' Poll, utility zone mechanic, 66

Lawrence "Larry" E. Poll, a utility zone mechanic in facilities, died Sunday, Feb. 17. He was 66.

Born in 1941 in St. Louis, Poll, a graduate of Wellston High School, worked at the Jefferson Barracks veteran's hospital in South St. Louis County before he was hired by the University as a mechanic in 1981.

Any WUSTL student, faculty or staff member who enjoyed cool air while inside a Danforth Campus building on a hot summer day last year has Poll to thank; most recently, he worked to maintain the University's chillers, which are large cooling units that supply air-conditioning

for the campus.

What stood out about Poll to John Perkins, utility zone manager and Poll's supervisor, was his reliability. "He came in every day and did his job, and never caused any problems," said Perkins, who had worked with Poll for nearly 22 years. "He enjoyed what he did, and he took pride in his work."

Poll, who was recognized for



Poll

26 years of service to the University at Staff Day last year, consistently worked to make the University a safer and more friendly place — whether it be through helping to put out fires in the George McMillen Lab and Wohl Center, assisting students with their move into residence halls, fixing faulty Holmes Lounge wiring so a wedding reception could have music, or helping a student fish her keys out of a crack in a floor.

Poll is survived by his wife of 43 years, Mary Louise; two daughters, Mary Poll-Collins and Tina Stemmler; and three grandchildren, Christina, Andrew and Melanie Stemmler. A funeral service was held Feb. 21.

Anyone who wants to share a story about Poll or give their condolences is asked to visit mem.com, search for "Poll" and sign the online guest book. A slideshow and video of his life is featured as well. They also can e-mail the family at marypoll@ucandancestudio.com.

#### Martin, former athletic director, 75

Richard "Dick" Martin, former director of athletics and head football coach at WUSTL, passed away Saturday, March 8, at the University of Kansas Medical Center after a lengthy battle with cancer. He was 75.

Martin arrived at the University in 1968, where he served as the school's head football coach and athletic director for four years. He led the WUSTL football team to an overall record of 13-24 in four seasons as head coach, and the Bears were co-champions of the College Athletic Conference in 1970.

After leaving WUSTL, Martin

became the assistant commissioner of the Big Eight Conference in Kansas City, Mo. He moved to Morgantown, W.Va., in 1979 when he was named the athletic director at West Virginia University.

Martin also served as the commissioner of the Missouri Valley Conference from 1981-85 and as the executive director of the University of Missouri-Kansas City Athletic Foundation from 1990-98.

He is survived by his wife, Margaret Martin, two sons, a grandson, a step-granddaughter and a great-granddaughter.

#### Demis, former head of dermatology

Joseph Demis, Ph.D., M.D., associate professor of medicine and head of the Division of Dermatology from 1964-66, died Saturday, March 8, in New York.



## Washington People

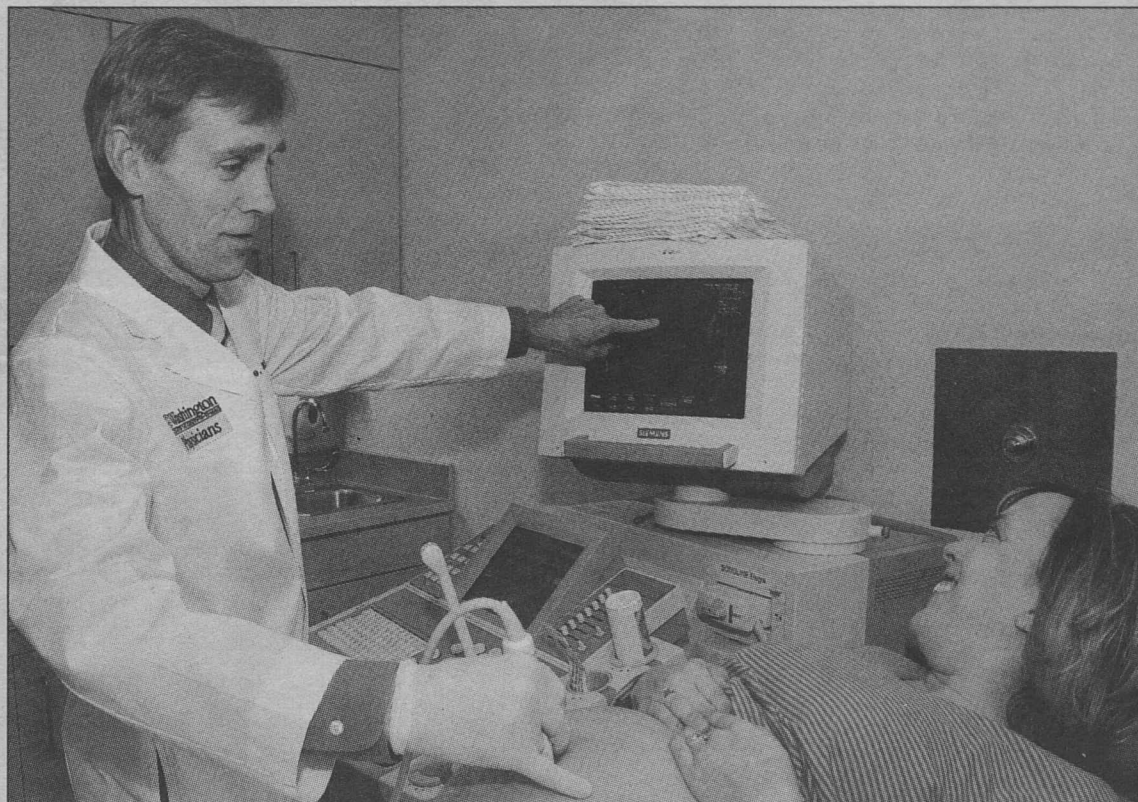
In 2005, when Lisa Casciola was 18 weeks pregnant, she went to her obstetrician's office for an ultrasound to find out if she was having a boy or a girl.

Instead, the technician told her she saw something wrong and immediately referred Casciola and her husband, Allan, to Jeffrey Dicke, M.D., associate professor of obstetrics and gynecology and director of Obstetrics and Gynecology Ultrasound.

In a darkened ultrasound room, Dicke told the Casciolas and Lisa's mother words that were hard to comprehend. The little boy's lungs were filled with fluid, his abdomen was swollen, and no fluid could be found in the amniotic sac. The findings were consistent with a diagnosis of CHAOS (congenital high airway obstruction syndrome), a rare disorder. Dicke also told them that the prognosis for the baby was not good.

Although the Casciolas were devastated by the news Dicke delivered, they also were struck by his caring, direct manner.

"Everything he said we didn't want to hear, but the way he said it was amazing," says Casciola. "He was straightforward but gentle at



Jeffrey Dicke, M.D., performs an ultrasound on Diane Haist of Champaign, Ill. "Jeff Dicke's calm and professional demeanor puts patients at ease, especially during times of uncertainty," says Gil A. Gross, M.D., associate professor of obstetrics and gynecology. "And when I receive a report from Dr. Dicke, I am completely confident that my patient received the highest level of care even in the most difficult of clinical situations."

By DIANE DUKE WILLIAMS

# Putting patients at ease

Dicke helps moms-to-be with his expertise and gentle demeanor

the same time. Anything he said to me I could handle."

Dicke referred the Casciolas to the Fetal Care Center of Cincinnati, where the Casciolas hoped in utero surgery could help their son. Instead, they received more bad news — he was not a candidate for fetal surgery.

On April 13, 2006, in Barnes-Jewish Hospital, Casciola delivered her son, whom they had named Benjamin. He was stillborn. Dicke visited Casciola after her delivery.

Three months later, Casciola became pregnant again, and, on March 17, 2007, she delivered a healthy girl, Maria. Dicke performed all of the ultrasounds during Casciola's second pregnancy, and he also came to the hospital after Maria was born.

"We just love Dr. Dicke," Casciola says. "He has to deliver bad news, but I always knew he was on my side."

Gil A. Gross, M.D., associate professor of obstetrics and gynecology and one of Dicke's colleagues, echoes Casciola.

"Jeff Dicke's calm and professional demeanor puts patients at ease, especially during times of uncertainty," he says. "And when I receive a report from Dr. Dicke, I am completely confident that my patient received the highest level of care even in the most difficult of clinical situations."

### Passion for science

Dicke, who grew up in a large family in the small town of Defiance, Ohio, was a studious child who liked school.

He and his four siblings learned a strong work ethic from their parents, who started their own business that sold oil, tires and batteries to trucking companies. Later, his father owned several gas stations. Dicke's mother kept the books for the businesses in addition to caring for her large family.

Dicke says he began to think about going to medical school while he was in high school.

"I thought learning about the human body would be constantly stimulating," he says. "I also thought that the relationship between doctor and patient would be different from interactions that people have in business or other occupations."

After graduating from the University of Toledo with honors, Dicke attended Ohio State University College of Medicine. He realized in medical school that he wanted to specialize in obstetrics and gynecology.

"I was amazed by fetal development and the birth process, which are quite extraordinary," he says. "I also thought it was remarkable that babies develop nor-

mally as often as they do."

Most of Dicke's clinical time is spent conducting gynecologic and obstetric ultrasounds. In gynecologic ultrasounds, he looks for tumors, fibroids and other problems. The obstetric ultrasounds involve prenatal diagnosis and prenatal procedures such as amniocentesis and chorionic villus sampling (CVS).

After conducting prenatal diagnosis ultrasounds, he spends a great deal of time talking to parents about the results, which can be challenging, he says.

"Women who become pregnant always anticipate that theirs will be a normal, healthy, happy outcome," he says. "But I feel privileged, if there's a problem, to provide them with accurate information, to discuss their options and to help them arrive at some sort of decision regarding the pregnancy."

Dicke says patients are initially devastated, but he has learned that giving them enough information helps make the situation more tolerable.

"In addition to knowing a lot about fetal physiology, we've developed expertise in what a patient can expect in terms of the pregnancy, how it will affect labor and delivery, where she delivers and how she delivers," he says.

Dicke conducts dramatically fewer amniocenteses and CVs than when he started in the field. Many moms now choose the first trimester screen or the quad screen, blood tests and ultrasound evaluations early in the pregnancy that identify the risk of Down syndrome and other chromosomal abnormalities. Through these tests, many mothers find out that their risks of having a child with chromosomal abnormalities are lower than they expected.

"More women have begun to rely on these noninvasive screens as opposed to invasive testing," Dicke says. "Most people are looking for a reason not to do a procedure."

### The next generation

Dicke also is known as a natural educator of students, residents and fellows. "He's very patient with trainees and is an excellent role model for everyone," says D. Michael Nelson, M.D., Ph.D., the Virginia S. Lang Professor of Obstetrics and Gynecology, who recruited Dicke to the School of Medicine in 1987.

Dicke says working with the people who will become the next

generation of obstetricians and gynecologists is an important and rewarding part of his job.

"I get great satisfaction in training others to give excellent care," he says. "One reason is that when someone calls me with a patient to refer, I can tell within a minute whether they've been trained well or not."

With colleagues in the maternal-fetal division, he also is studying the expected outcome of fetal kidney and renal disorders and how best to diagnose and monitor growth-restricted fetuses.

In addition to his demanding work schedule, Dicke is committed to an intense fitness regimen, getting up at 4:30 a.m. each morning to ride his bike and run.

He and his wife, Jan, are the parents of a 26-year-old daughter, Erin, who manages residential downtown properties for Rodemeyer-Christel Inc. in St. Louis.

He also is a big fan of The New Yorker magazine, which his parents have renewed for him every year since he was in college. And he is known among his colleagues for his dry sense of humor and his knowledge about diverse topics, ranging from cars to fountain pens.

George A. Macones, M.D., head of the Department of Obstetrics and Gynecology, says Dicke has a record of excellence and is an integral part of the department.

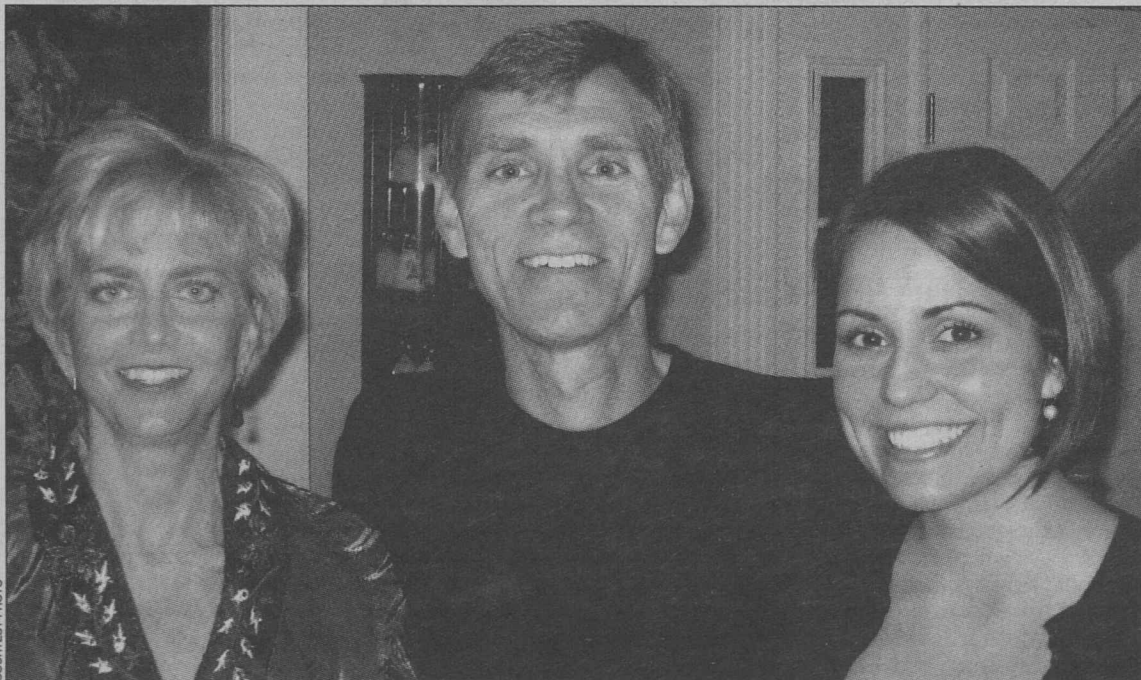
"He is an accomplished clinician, wonderful educator, and his units provide world-class service in prenatal diagnosis," he says. "We are fortunate to have him as director of our ultrasound division."

### Jeffrey Dicke

**What he likes about St. Louis:** "People seem to be very attached to this area — most residents would never consider living anywhere else," Dicke says. "I also like all the multi-generational families."

**Last trip:** Puerto Vallarta, Mexico. Dicke and his wife, Jan, take this trip every year with D. Michael Nelson, M.D., Ph.D., the Virginia S. Lang Professor of Obstetrics and Gynecology, and his wife, Peggy.

**Last movie seen:** "In the Valley of Elah"



The Dicke family: Wife, Jan; Jeffrey Dicke; and daughter, Erin.