

Washington University School of Medicine

**Digital Commons@Becker**

---

Washington University Record

Washington University Publications

---

5-4-2001

**Washington University Record, May 4, 2001**

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

---

**Recommended Citation**

Washington University Record, May 4, 2001. Bernard Becker Medical Library Archives.  
<https://digitalcommons.wustl.edu/record/898>.

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 [vanam@wustl.edu](mailto:vanam@wustl.edu).



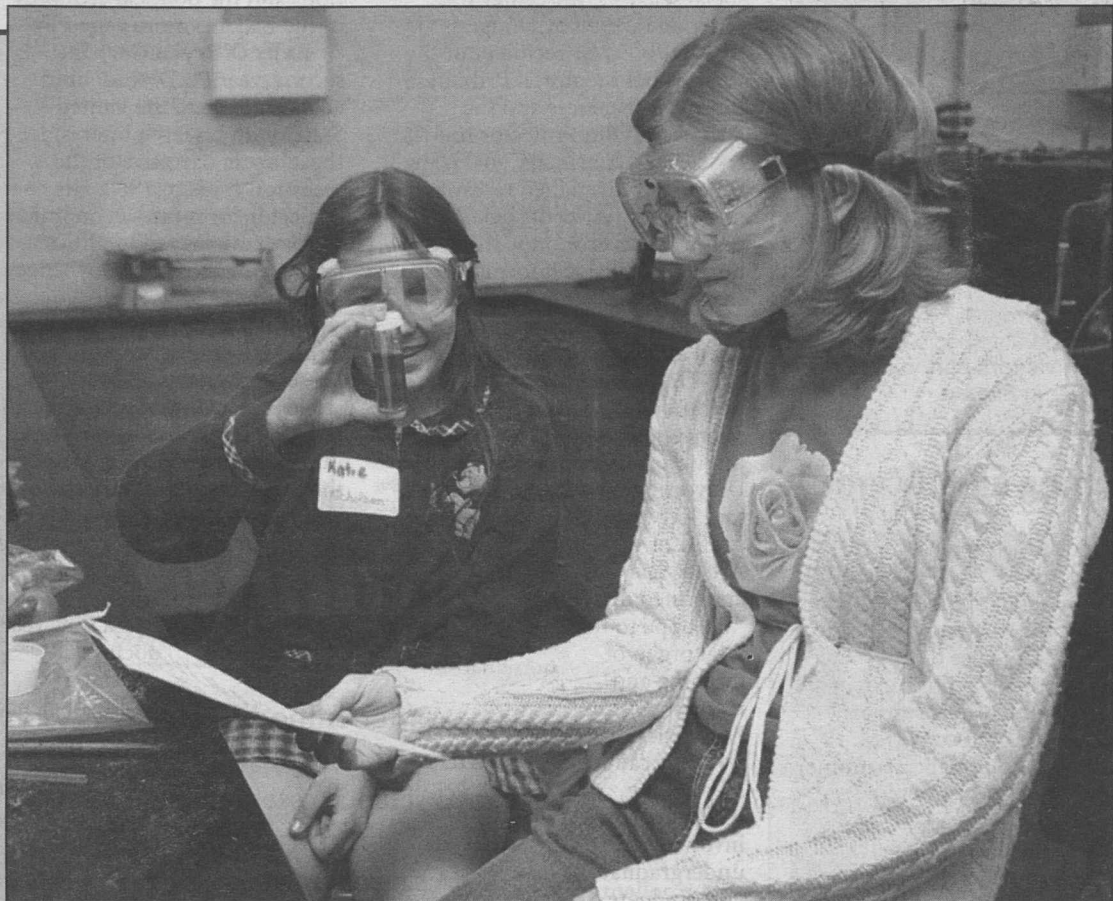
# Record

May 4, 2001

Volume 25 No. 29



Washington University in St. Louis



DAVID KUBER

**Young chemists** Katie Nicholson, 11, and Gretta Thorpe, 14, participate in the "Rainbows in a Straw" chemistry experiment, one of more than a dozen educational activities offered as part of the University's Take Our Daughters To Work Day 2001. About 100 girls visited campus April 26 as part of the national initiative sponsored by the Ms. Foundation. Since 1994, the University has sponsored this organized effort to introduce adolescent girls to a wide range of career possibilities and expose them to positive role models. This year, several medical-related topics were introduced. It wasn't all work though — as usual, one of the highlights of the day was a visit and demonstration by the national champion women's basketball team.

## Edison announces 2001-02 OVATIONS! season

By LIAM OTTEN

Like a good box of chocolates, the ever-eclectic OVATIONS! Series at Edison Theatre contains only the finest ingredients.

From exuberant dance and rich musical traditions to classic and cutting-edge theater, the OVATIONS! Series has, since its founding in 1973, built a national reputation as a premier performing arts showcase.

The 2001-02 season will feature 12 new artistic confections, ranging from established figures to emerging talents, from returning favorites to St. Louis premieres. The new season also marks the return of the ovations! for young people series, offering specially priced Saturday matinees geared to audiences of all ages.

"Preparing this season, I felt like a kid in a candy store," said Charlie Robin, managing director of Edison Theatre. "All the

"Preparing this season, I felt like a kid in a candy store. All the selections are lined up row upon row, each tempting and tantalizing in its own way. I invite you to consider these offerings and dig in with both hands."

CHARLIE ROBIN

selections are lined up row upon row, each tempting and tantalizing in its own way. I invite you to consider these offerings and dig in with both hands. Select the familiar and the unfamiliar. Indulge your passions and feast on all this season has to offer."

For theater lovers, the new season takes flight in October with "Charlie Victor Romeo," a cutting-edge techno-thriller based on "black box" recordings of real in-flight emergencies. In January 2002, the Montreal-based troupe

Les Deux Mondes comes to town with "Leitmotiv," a haunting, multimedia opera about love and abandonment amidst civil war. In March, the British-American collaborative Aquila Theatre Company presents two classics of world literature, "The Wrath of Achilles," based on Homer's "Iliad," and William Shakespeare's great late work "The Tempest."

In April, Edison presents a special one-night-only showing of the Tony Award-winning drama

See OVATIONS!, Page 4

## Fun at work: 26th annual Staff Day set for May 21

By JESSICA N. ROBERTS

Sun and fun await staff and administrative personnel from the Hilltop and West campuses at the 26th annual Staff Day May 21.

The event, which honors the personnel for their contributions to the University's success, will kick off at 10:30 a.m. with the Staff Service Award and Recognition Ceremony in Edison Theatre. Chancellor Mark S. Wrighton will host the program, assisted by the University's vice chancellors and deans. The ceremony will honor those with 10, 15, 20, 26 and 30-

plus years of service. Also presented will be the third annual Gloria W. White Distinguished Service Award, recognizing a staff member for exceptional effort and contributions that result in the betterment of the University.

A buffet lunch and social gathering will follow at noon in Bowles Plaza. In case of inclement weather, lunch will be in Mallinckrodt Center.

From 1-3 p.m., open activities for staff members include wallyball and racquetball, swimming, running on Bushyhead Track and use of the

fitness center in the Athletic Complex. Those preferring something less strenuous can visit the arts and crafts exhibit in Mallinckrodt Center, have a caricature drawn or try their luck at bingo, bridge and other table games in Holmes Lounge.

In addition, the following group activities will be available:

- Golf at Forest Park — call Pauline Farmer at 935-5822. Golfers will have box lunches at the park before their 12:15 p.m. tee time;

- A campus tour — call Jim

See Staff Day, Page 5

## Institute promotes service worldwide

By ANN NICHOLSON

The Center for Social Development (CSD) at the George Warren Brown School of Social Work is launching a new Global Service Institute focusing on the research and promotion of civilian service worldwide. CSD recently received a two-year, \$3 million grant from the Ford Foundation to begin a long-term project targeted at globally developing community service and creating an international information network on service.

"The new Global Service Institute will concentrate on studying, informing and assisting in the development of service in areas such as the environment, public facilities, public safety and disaster relief," said institute co-director Michael Sherraden, Ph.D., CSD director and the Benjamin E. Youngdahl Professor of Social Development. "While service both through governmental and nongovernmental organizations is expanding in many countries, very little is known beyond anecdotal information about what motivates people to participate in such volunteerism and which policies and programs would best promote service as an institution."

Sherraden noted that service is growing in many countries not only among youths, but also among adults, including growing populations of elders.

"Service has become a means of promoting social and economic development, citizenship, skill development, nation building and humanitarianism," he said. "It may one day become accepted, and even be taken for granted, in the same way that education and employment are in

many countries today."

Sherraden noted that the U.S. Civilian Conservation Corps of the 1930s was historically one of this country's most successful national public service programs. Today, organizations such as AmeriCorps, Peace Corps, Senior Volunteer Corps, Habitat for Humanity, YouthBuild and the Student Conservation Association are examples of other successful service-based programs.

On a global scale, service in Germany is so productive for young people that it holds almost universal political support. Many Latin American countries have required service of students in higher education. However, in most countries, service is only beginning to emerge and is vaguely defined, Sherraden said.



Sherraden: New institute's co-director

The Ford Foundation, which has long-supported service opportunities in the United States, began to chart a new direction in international service two years ago when it hired consultant Susan Stroud, a founder and first director of Campus Compact, which promotes service by college students throughout the nation. In January 2000, the foundation sponsored an international conference on service in San Jose, Costa Rica, which laid the groundwork for the University's Global Service Institute.

While Sherraden will oversee the institute's research and informational agenda, Stroud, as the institute's other co-director, will head the policy and program agenda. In the initial phase of the project, the institute's work will include:

- Researching and publishing an edited volume of country profiles on national and community service;

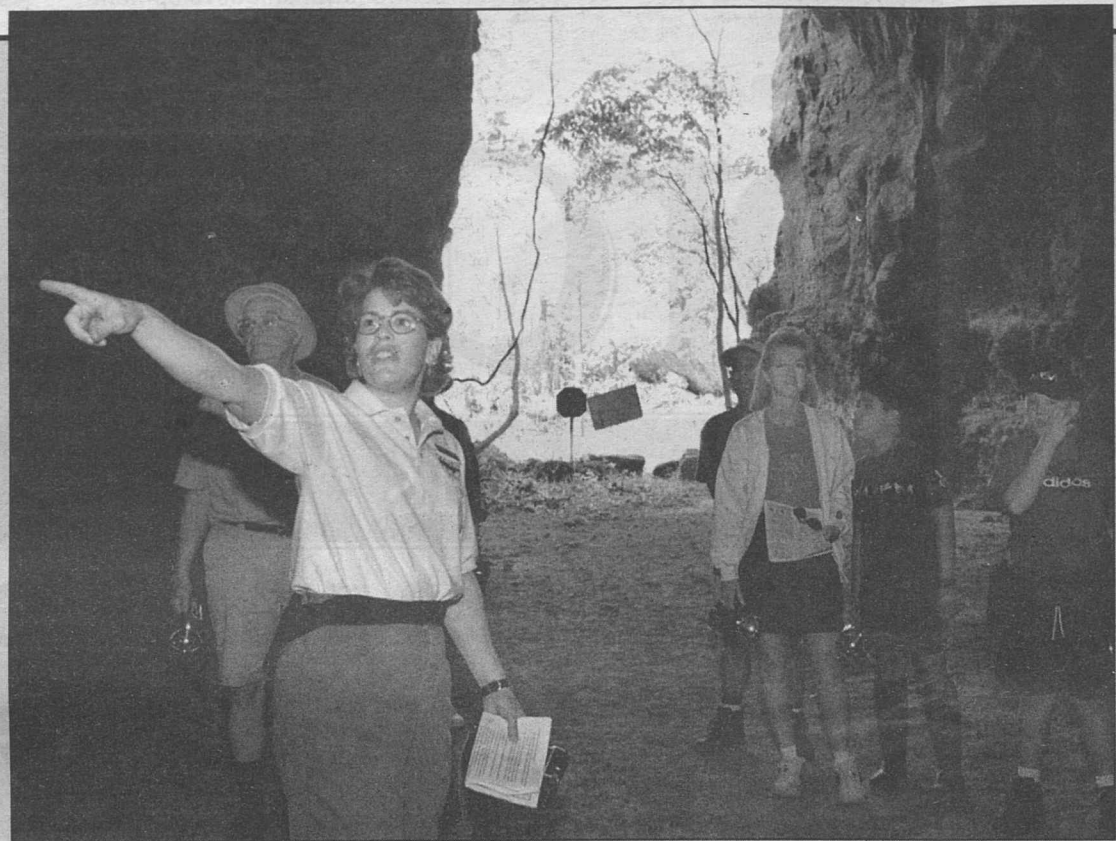
See Institute, Page 5



**Come one, come all** Sam Owusu-Agyeman (left), president of General Distribution, discusses his products with fair participants at the University's Preferred Supplier/Supplier Diversity Fair in Francis Gym April 24. The event provided an opportunity to meet and interact with some of the University's preferred contract suppliers, including several minority business enterprises. Over 30 businesses participated in the two-day fair, which was also held at the medical school April 25.

MARY BURNS





**Exploration** Susan Flowers, director of Tyson Research Center Field Science Program, shows visitors around the Mincke Quarry Cave on Tyson grounds, home of endangered bat species. Flowers was participating in the Tyson Trails Day program Saturday. Hundreds of area visitors partook in a variety of nature, art and historical activities at the University's research center in Eureka.

## Technology and Curriculum Initiative offers teaching enhancement

Electronic poetry, interpretive videos of Spanish texts, digitizing court records, oral histories of 1970s campus activism and high-tech costume design are among the faculty projects earning funding this spring through the Arts & Sciences Technology and Curriculum Initiative.

This is the second year that Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts & Sciences, has made a \$100,000 provision for faculty members to enhance their teaching with technology. Project proposals are evaluated by a committee co-chaired by Dennis J. Martin, associate vice chancellor and associate dean in Arts & Sciences, and James W. Davis, Ph.D., director of the Teaching Center and professor of political science in Arts & Sciences.

The following Arts & Sciences faculty projects were

funded last month:

**J. Andrew Brown**, assistant professor of Spanish, received funding to teach literary interpretation in Spanish classes by having students create interpretive videos of the text they are studying. This new focus on literature and culture will combine textual and image-based study and will utilize digital video camcorders and a high-powered laptop.

**Leslie Brown**, assistant professor of history, was awarded a grant to develop the first phase of a program in oral history. In this initial phase, up to 10 students in American Culture Studies will be selected as interns to interview University alumni from the early '70s on the topic of campus activism. The students will conduct interviews and digitize and archive the material for future research purposes.

Funding will be used to

provide recording hardware to be used in the field and lab equipment to digitize, edit and archive the material. The project will assess the use of this material in coursework and the extent to which the results support student research activities, such as seminar papers, summer research projects and senior honors theses.

**Peter Kastor**, assistant director of American Culture Studies, will oversee a multidisciplinary project that received funding to support the Historic Circuit Court Records Digitization Project, a massive collection of materials dating back to the 1790s. Graduate and undergraduate students will work with American Culture Studies, history, and legal studies, as well as University Libraries and the state archives to develop the protocols for scanning and cataloging selected items from these court records. These protocols in turn will establish models for use in other digitization projects on campus. The searchable image database created through this project will be used in a variety of courses.

**Bonnie Kruger**, senior artist in residence in the Performing Arts Department, led an effort to acquire software and hardware to incorporate greater use of technology in theater production and costume design courses. Importantly, the equipment will be useful to a wider group of faculty and students and will be made available as part of an emerging media lab in Eads Hall.

**Steven Meyer**, associate professor of English, received funding for a laptop and for courses he'd like to take in HTML and XML. This will support a course Meyer will teach on electronic poetry. He and his students will be investigating the extent to which electronic poetry is actually poetry rather than "screen art." An assessment will determine whether or not the course has achieved its chief aims — to provide students with tools to evaluate electronic works of art and to understand the nature of writing in a new, technology-driven century.

For more information on the Technology and Curriculum Initiative, contact Kathy Atnip, director of academic support for Arts & Sciences (kathy@artsci.wustl.edu), Liz Peterson, associate director of the Teaching Center (liz@artsci.wustl.edu), or Martin (djm@artsci.wustl.edu).



**Scorch on the porch** Freshman Elizabeth Edlavitch (left) helps children decorate the sidewalk with chalk at the April 27 Brookings Residential College Tropical Scorch on the Porch. The tropical-themed barbecue and picnic was an end-of-the-year celebration for Brookings College residents and invited faculty, staff and their families.

## Institutional social sciences focus of summer program

BY GERRY EVERDING

University doctoral students from Albania, Armenia, Germany and the United States will constitute the inaugural class of a new summer research program offered by the University's Center for New Institutional Social Sciences (C-NISS).

Designed to foster and encourage interdisciplinary education and research in new institutional social sciences, the center was founded in 1999 by Douglass C. North, Ph.D., co-recipient of the 1993 Nobel Memorial Prize in Economic Sciences and the Spencer T. Olin Professor in Arts & Sciences. A primary goal is the support of diversified research into the evolution of social, political and economic institutions, formal and informal, that shape societies and economies around the world both in developed and developing countries.

"The center embodies a number of new ideas in social science research that the community of researchers at Washington University has come to represent," said Itai Sened, Ph.D., associate professor of political science in Arts & Sciences and recently appointed director of the center. "We hope to turn the center into a vital organ of teaching and research within Arts & Sciences."

Plans call for an ongoing research program involving undergraduate and graduate students, together with junior and senior faculty members of the University and scholars from around the world. The program will evolve around four components:

An undergraduate "minor" program in new institutional social sciences; a certificate program for Ph.D. students; a summer school; and a research center that will help focus and fund research of undergraduate honors theses, graduate dissertations, visiting scholars, University faculty and related research around the world.

The center recently hosted a conference spotlighting presentations by a number of undergraduate honors students in Arts & Sciences. Donald Cohn and Andrea Liapis split the \$500 prize for best honors thesis in new institutional social sciences. Cohn explored the dynamic evolution of democratic institutions in the Roman Empire. Liapis measured the effect of mergers in pharmaceutical industry and the efficiency of future drug research and development.

Also introduced at the conference were the five doctoral students from Arts & Sciences who

will participate in the new C-NISS Summer Certificate Program. They are:

**Eliana Balla**, from Albania, is completing her third year as a Ph.D. student in economics. In 1994, she received a Soros scholarship with the American University in Bulgaria. Her research centers on the puzzle of taxation and other institutional mechanisms in the Ottoman Empire in an effort to understand empire-building institutions and the political economy of the Balkans more generally.

**Kelly O'Bryan Gary** is a second-year Ph.D. student in economics from the United States with research interest in the analytic narrative of the secession crisis of 1860. His project incorporates economic history with law and politics to improve on existing knowledge in this area.

**Vahe Laskavyan** is an Armenian student completing his second year as a Ph.D. student in economics. His research centers on asymmetric information and how it shapes the organization of a firm. He will use his broad knowledge of microeconomic theory to pursue a broader understanding of institutional evolution.

**René Lindstädt** is a first-year doctoral student in political science from Germany who studied previously with the international studies masters program. His research interests are in the comparative field. He is working on formal models comparing the American federal system with the system emerging in Europe around the organization of the European Union.

**Gina Marie Yannitell Reinhardt** of the United States is completing her second year as a Ph.D. student in political science. She is working, with John Carey, Ph.D., professor of political science in Arts & Sciences, on a research paper on the influence of state governors on national legislators in Brazil. Her future research will focus on international development and the involvement of the International Monetary Fund and the World Bank in developing countries.

"We have a diverse group of doctoral students who are really quite excellent," Sened said. "We really think that this group will allow us to put C-NISS on the national and international frontier both in research and in placing these students in the best academic institutions in the U.S. and around the world."

**"The center embodies a number of new ideas in social science research that the community of researchers at Washington University has come to represent. We hope to turn the center into a vital organ of teaching and research within Arts & Sciences."**

ITAI SENED

## Record

Washington University community news

Editor Kevin M. Kiley

Assistant Editor Jessica N. Roberts

Assistant Editor Neil Schoenherr

Associate Vice Chancellor Judith Jasper Leicht

Acting Executive Editor Donna Kettenbach

Medical News Editor Diane Duke Williams

Production Carl Jacobs

News & Comments

(314) 935-6603

Campus Box 1070

kevin\_kiley@aimail.wustl.edu

Medical News

(314) 286-0119

Campus Box 8508

shepherd@msnotes.wustl.edu

Record (USPS 600-430; ISSN 1043-0520), Volume 25, Number 29/May 4, 2001. 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, corrections:

Postmaster and non-employees 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.

**Washington University in St. Louis**



## Medical School Update

# Women more likely than men to have a stroke after heart surgery

BY JIM DRYDEN

**R**esearchers have found that women who have cardiac surgery have a significantly greater risk for stroke than men having the same operation.

Investigators from the School of Medicine and Duke University showed that, even after considering other risk factors such as age, diabetes and hypertension, stroke risk is higher for women. They reported their findings in the May 1 issue of *Circulation*, the journal of the American Heart Association.

"Being female was independent of any other risk factor," said Charles W. Hogue Jr., M.D., the paper's first author. "There seems to be something about being a woman that predisposes a patient to a higher risk for stroke after heart surgery."

Hogue, associate professor of anesthesiology, analyzed clinical information from the Society of Thoracic Surgery (STS) National Cardiac Surgery Database. The database contains information about patient risk factors and surgical outcomes. About 60 percent of the centers that perform heart surgery in North

America submit information.

"It's a very large national database that includes not only big academic centers like ours but also smaller community hospitals," said Victor G. Dávila-Román, M.D., the paper's corresponding author and associate professor of medicine, anesthesiology and radiology. "With its size and the number and types of centers involved, the STS database provides a representative sample of what goes on in hospitals around the country."

Hogue, Dávila-Román and their colleagues analyzed data on 416,347 patients who had heart surgery in 1996 or 1997. Of those patients, 32 percent were women. In the days following heart surgery, 3.8 percent of the women suffered some type of neurological event — a stroke, transient ischemic attack or coma. Only 2.4 percent of the men had similar neurological problems. So the risk was 1.6 times greater for the women.

In addition, the death rate after surgery was higher for women than for men — 5.7 percent versus 3.5 percent. Among the patients who suffered strokes, the rates were 32 percent versus 28 percent.

When the investigators used statistical techniques to control for risk factors such as high blood pressure, age, diabetes and smoking, they still found women to be at increased risk.

"Not only are women more likely than men to have a neurological event after heart surgery, but when they do, they are more likely to die in the 30 days following surgery," Hogue said. "That higher risk is not explained by any currently known risk factors."

The researchers studied patients undergoing cardiac bypass surgery, valve repair or replacement surgery and combined bypass and valve surgery. For every type of surgery, women had a significantly greater risk for stroke or other postoperative neurological event. They also had higher death rates following surgery than their male counterparts. The 30-day mortality rate for women undergoing combined bypass and valve surgery was 11.4 percent compared with only 6.4 percent for men.

"It seems clear that women have a higher incidence of neurological events after cardiac surgery, higher mortality rates and longer hospital stays," Dávila-Román said. "Post-operative stroke is a devastating complication for both men and women. It is associated with significant suffering for patients and their families and results in high health-care costs."

"Our challenge is to identify the causes of the strokes and to devise aggressive strategies to prevent them from occurring."

Dávila-Román and Hogue hypothesize that decreased levels of the hormone estrogen may contribute to the risk for women. Most female heart surgery patients are operated on 10-15 years after they go through menopause.

Estrogen is believed to help protect women from heart disease prior to menopause, and some research has shown that the hormone also protects brain cells from injury. Men have less estrogen in their systems than

pre-menopausal women, but they do make some by converting a portion of their male hormone, androgen, into estrogen. In that way, men can maintain some level of estrogen throughout life. But once women go through menopause, their estrogen levels decrease to practically immeasurable concentrations.

"Unfortunately, the STS data do not reveal which women were on hormone replacement therapy," Hogue said. "But when we looked at our own data from Barnes-Jewish Hospital in St. Louis, we found that fewer than 10 percent of the women who came for heart surgery were taking estrogen at that time."

Hogue, Dávila-Román and their colleagues are comparing the use of estrogen administered at the time of cardiac surgery with those not given the therapy. The study is being conducted at various hospitals affiliated with the University and BJC HealthCare.

## New clue for treating bone, blood disorders uncovered

BY GILA Z. RECKESS

**R**esearchers have the first evidence that a protein essential to both bone-degrading cells and to platelets that help blood clot plays two distinct roles.



**Teitelbaum:** Led osteoporosis study

"By taking advantage of this finding, we might be able to develop drugs that selectively influence one system or the other," said Deborah V. Novack, M.D., Ph.D. "Then we'll have a

much more specific therapy to treat bone diseases without harming platelets, and vice versa."

Novack, instructor in pathology, is first author of a paper in the May 1 issue of the *Journal of Clinical Investigation*. Xu Feng, Ph.D., research associate in pathology, is the other first author. Steven L. Teitelbaum, M.D., the Wilma and Roswell Messing Professor of Pathology, led the study.

The protein, beta-3 integrin, sits on the cell surface, fielding messages from its surroundings. It is found on cells called osteoclasts, which break down bone and therefore can contribute to osteoporosis. And it also sits on platelets. Defects in beta-3 integrin cause a rare bleeding disease called Glanzmann's thrombasthenia.

"So if you treated osteoporosis with a drug that blocks the entire

beta-3 integrin molecule, patients would have problems with bleeding because of platelet dysfunction," Novack said.

She and her colleagues created the first strain of mice that completely lacks beta-3 integrin. The animals' osteoclasts were unable to function properly.

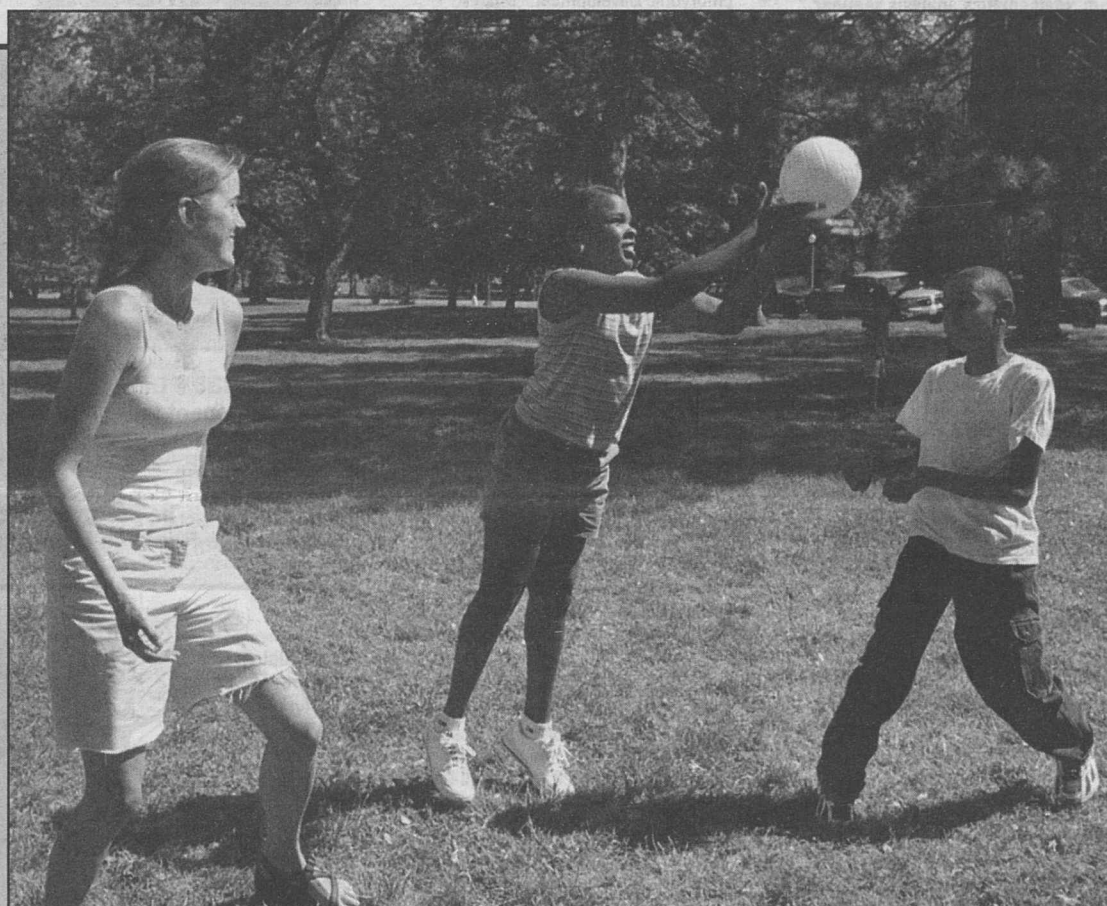
The researchers cultured these osteoclasts in a dish and added back the gene for normal beta-3 integrin. This manipulation enabled the cells to function normally. But a gene with a piece missing was unable to restore normal function. The missing piece coded for the tail of the beta-3 integrin molecule. The tail pokes into the cell, conveying messages from the exterior.

This experiment showed that the tail is needed for normal osteoclast function. To find out which parts of the tail are essential, the researchers inserted six altered beta-3 integrin genes into different osteoclast cells. Each gene had either one or two mutations in the DNA that codes for the tail.

Five of the six variant genes enabled the osteoclasts to break down bone, showing that the parts of the molecule containing those mutations are unimportant for osteoclast function. One of the five, a double mutation, was previously shown to disrupt platelet function.

The sixth mutation failed to restore the osteoclasts' ability to break down bone. Osteoclasts with this mutation acted the same as cells without any form of beta-3 integrin. Therefore, that part of the molecule is essential to osteoclast function. It also appears to be essential to platelet function because mutations in this part of the gene for beta-3 integrin cause Glanzmann's thrombasthenia.

"We have shown that there are both similarities and differences in the function of beta-3 integrin in platelets and osteoclasts," Novack said. "Finding a mutation that affects osteoclasts but not platelets might point the way to a new treatment for osteoporosis."



**Pediatric Outreach Program** (From left) Second-year medical student Ashley Flynn, her "match," Jada Gibson, and Cortez Rice play volleyball at the spring picnic of the Pediatric Outreach Program (POP) Sunday in Tower Grove Park. A group of medical students started POP five years ago to provide support to children with chronic illnesses and their siblings. Each child in a family is matched with a medical student, and the pairs get together twice a month. POP now has almost 40 matches.

## Hazardous waste managed in pilot project

BY ANNE ENRIGHT SHEPHERD

**T**he School of Medicine has joined a voluntary demonstration project to better manage chemical waste generated by laboratory experiments. The University and nine other academic organizations in partnership with the Howard Hughes Medical Institute (HHMI) are testing 14 "best management practices" for handling laboratory chemical waste in an effort to influence consistent enforcement of federal regulations.

"We are doing this to demonstrate that by proactively partnering with our researchers and support staff we can address tough regulatory issues while working toward true excellence in environmental stewardship," said Joseph A. Kanabrocki, Ph.D., assistant director and biological safety officer in environmental health and safety.

Current federal and state environmental regulations were written for large-scale manufactur-

ing facilities, which generate a large volume of hazardous waste from a few types of chemicals. Academic research institutions, on the other hand, generate small quantities of waste from thousands of different chemicals. Labeling, storage, training and other administrative requirements of the regulations designed for large manufacturers do not apply well to universities, Kanabrocki said. Enforcement of environmental regulations varies widely from one regional office of the Environmental Protection Agency to the next.

The best management practices include procedures for handling, storing and moving chemicals; cooperation by laboratory staff in adapting protocols to reduce or eliminate waste; and planning for emergencies. The best practices were developed by researchers and environmental health and safety directors from the participating institutions — each institution from a different EPA region — along with HHMI, state and federal regulatory officials. Lessons

learned during the one-year demonstration project will be compiled into a report to Congress.

"One of the objectives in working toward environmental stewardship is to review our own practices and protocols to see where waste can be reduced," said W. Emmett Barkley, Ph.D., director of laboratory safety for HHMI. "That's where some of our greatest ideas come from."

Barkley, who coordinates the demonstration project, said effective training of scientists is hampered by the regional differences in environmental regulation. A post-doctoral researcher who changes institutions several times over the course of a few years often must relearn waste-handling procedures with each move.

"This project is about making our waste-handling program better and improving safety," said Michael T. Kershaw, safety manager in the hazardous materials division. "It's not just about changing regulations."

### Peck to give address

**W**illiam A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, will address the faculty on the "State of the Medical School" Monday. The address will take place from 11 a.m.-2 p.m. in the Eric P. Newman Education Center, and light refreshments will be provided.

The talk is sponsored by the Executive Committee of the Faculty Council.



# University Events

## "Alaska" • Assembling Puzzles • Fashion Show • WU Opera

"University Events" lists a portion of the activities taking place at Washington University April 27-May-9. Visit the Web for expanded calendars for the School of Medicine ([medschool.wustl.edu/events/](http://medschool.wustl.edu/events/)) and the Hilltop Campus ([cf6000.wustl.edu/calendar/events/](http://cf6000.wustl.edu/calendar/events/)).

### Exhibitions

**"Muses and the Healing Art."** Through Aug. 31. Glaser Gallery, The Bernard Becker Medical Library, 660 S. Euclid Ave. 362-4235.

**"Master of Fine Arts Exhibition."** May 4 through May 20. (Reception May 4, 5-7 p.m.) School of Art Master of Fine Arts thesis exhibition. In/ Form Gallery, 3519 S. Broadway. 324-7468.



### Lectures

#### Friday, May 4

**11 a.m. Mathematics analysis seminar.** "Normal Families, Peak and Anti-peak Functions in Some Infinite Dimensional Spaces." Kang-Tae Kim, Pohang Inst. of Science and Technology. Room 199 Cupples I Hall. 935-6760.

**Noon. Cell biology and physiology seminar.** "Exit From Mitosis in Budding Yeast." Angelika Amon, asst. prof., Center for Cancer Research, HHMI/MIT, Cambridge, Mass. Room 426 McDonnell Medical Sciences Bldg. 362-1808.

**4 p.m. Anatomy and neurobiology seminar.** "Synapse Assembly and Glutamate Receptor Targeting in Hippocampal Neurons." Ann Marie Craig, assoc. prof. of anatomy and neurobiology. Room 928 McDonnell Medical Sciences Bldg. 362-7043.

**6 and 8 p.m. Travel Lecture Series.** "Alaska." John Holod, Washington University Assoc. Cost: \$5. Graham Chapel. 935-5212.



#### Monday, May 7

**Noon. Lung biology conference.** "In Vivo and In Vitro Characterization of the RANTES Knockout Mouse in Sendai Viral Infection - More Than Just Chemoattraction?" Jeff Tyner, predoctoral

trainee in pulmonary and critical care medicine. Room 10064 Clinical Sciences Research Bldg. 362-8983.

**Noon. Molecular biology and pharmacology research seminar.** "The G Protein Betagamma Complex." Narasimhan Gautam, assoc. prof. of anesthesiology and asst. prof. of genetics. Room 3907 South Bldg. 362-2725.

**4 p.m. Immunology Research Seminar Series.** The Paul E. Lacy Lecture. "Interplay Between DNA End-joining and Cell Cycle Checkpoint Pathways in Lymphogenesis and Genomic Stability." Frederick W. Alt, the Charles A. Janeway Prof. of Pediatrics and prof. of genetics, Harvard Medical School, Children's Hosp., Boston. Eric P. Newman Education Center. 362-2763.

#### Tuesday, May 8

**Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series.** "Viruses as Templates for Nanomaterials and Viruses From Extreme Thermal Environments." Mark Young, assoc. prof. of plant science and pathology, Montana State U., Bozeman. Cori Aud., 4565 McKinley Ave. 362-2746.

#### Wednesday, May 9

**5:15 p.m. Mothers and Babies Research Center conference.** "Role of the Transcription Factor Fox j1 During Embryonic Development." Brian P. Hackett, asst. prof. of pediatrics, newborn medicine div. Room 36, third floor south, St. Louis Children's Hosp. 747-0739.

#### Thursday, May 10

**Noon-1 p.m. Genetics seminar.** "The Human Genome Project and Diabetes Research." M. Alan Permutt, prof. of cell biology and physiology and of medicine, internal medicine dept. Room 823 McDonnell Medical Sciences Bldg. 362-2062.

**5 p.m. Vision Science Seminar Series.** "Autoantibodies in Patients With Glaucoma." Martin B. Wax, assoc. prof. of ophthalmology and visual sciences. East Pavilion Aud., Barnes-Jewish Hosp. Bldg. 362-5722.

#### Friday, May 11

**Noon. Cell biology and physiology seminar.** "Running With the PAK: Cell Regulation by p21-activated Kinase." Gary M. Bokoch, prof. of immunology, Scripps Research Inst., La Jolla, Calif. Room 426 McDonnell Medical Sciences Bldg. 362-1668.

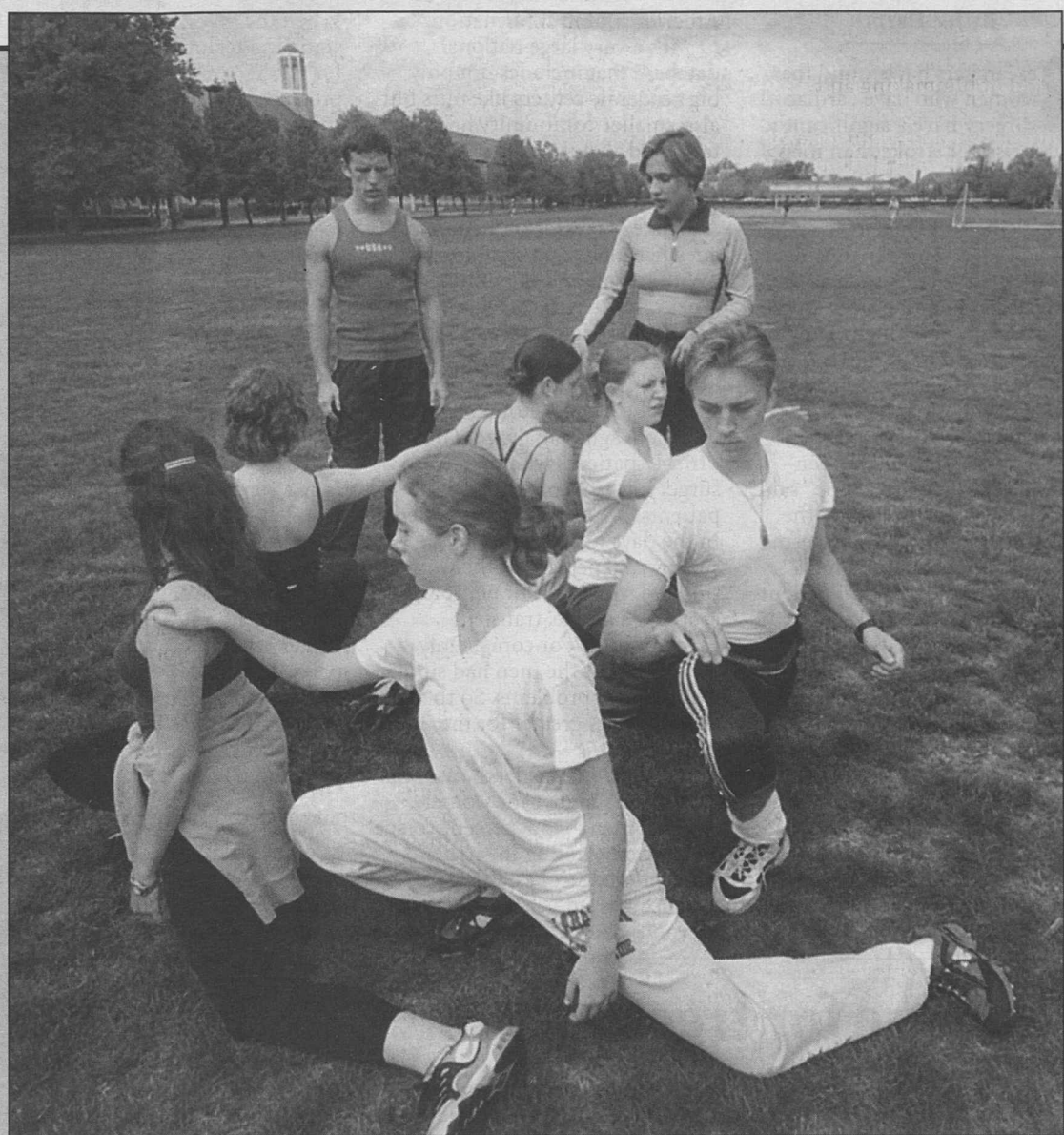
**4 p.m. Anatomy and neurobiology seminar.** Mark B. Willard, prof. of anatomy and neurobiology and assoc. prof. of biochemistry and molecular biophysics. Room 928 McDonnell Medical Sciences Bldg. 362-7043.

his loving recreation of Vince Guaraldi's famous score for the beloved "Peanuts" television special. In January, the a cappella ensemble Linda Tillery & The Cultural Heritage Choir are joined by the Eastern European sounds of Kitka for an evening of female vocal music.

Once again, Edison Theatre will join forces with Dance St. Louis to present some of the finest dance companies working today. David Dorfman Dance, founded by University alumnus David Dorfman, returns to St. Louis in November with an evening of new work, highlighted by the bittersweet showstopper "To Lie Tenderly." Pilobolus Too, the duet edition of the famed, gravity-defying company, arrives in March with a seamless program of new and classic Pilobolus works. The season concludes in April with the sinuous River North Chicago Dance Company, whose hard-driving contemporary jazz dance repertoire is at once intimate and explosive.

In addition to Scrap Arts Music, the ovations! for young people series will include special performances by Linda Tillery & The Cultural Heritage Choir and by Pilobolus Too.

For more information, to request a season brochure or to order tickets, call the Edison Theatre Box Office at 935-6543.



**Taylor-made** Dancers Chad Levy and Shanti Guira (background) of the renowned Taylor 2 company spent more than a week in St. Louis drilling 18 students — six each from Washington University, Webster University and Lindenwood University — in choreographer Paul Taylor's "ESPLANADE." Representing Washington University were (clockwise from far right) freshman Elye Olson, junior Patricia Germann and seniors Elinor Harrison, Marissa Hockfield, Katie Rutterer and Emily Jones. The program was organized by Dance St. Louis and made possible by a grant from the Lila Wallace-Reader's Digest Fund.

**4 p.m. Biology lecture.** The Varner Lecture. "Basic Research Foundations of Plant Biotechnology." Ian Sussex, senior research scientist and lecturer, Yale U. Room 162 McDonnell Hall. 935-7196.

#### Monday, May 14

**Noon. Molecular microbiology special seminar.** "Recognition of antigens by Single Domain Antibody Fragments: The Superfluous Luxury of Paired Domains." Wyns Lode, prof. of structural biology, Vrije Universiteit Brussel, Belgium. Room 775 McDonnell Medical Sciences Bldg. 362-7059.

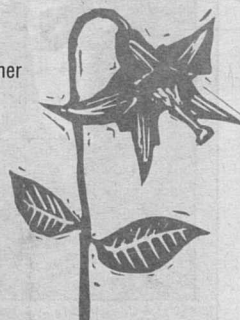
**4 p.m. Biology seminar.** "tRNA Gene Mediated Silencing — Learning to Live With Your Neighbors." David Engleke, U. of Mich., Ann Arbor. Room 322 Rebstock Hall. 935-7569.

**4 p.m. Computational biology seminar.** "Assembling Puzzles by Breaking Them Into Smaller Pieces." Pavel Pevzner, the Ronald R. Taylor Chair Prof. of Computer Science, computer science and engineering dept., U. of Calif., San Diego. Sponsored by The Center for Computational Biology. Genetics Library, McDonnell Medical Sciences Bldg. 362-2763.

#### Tuesday, May 15

**Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series.** "Diverse Development Pathways in Biofilm Formation." Roberto G. Kolter, prof. of microbiology and molecular genetics, Harvard Medical School. Erlanger Aud., McDonnell Medical Sciences Bldg. 362-3692.

**12:05-12:55 p.m. Program in Physical Therapy seminar.** "Lower Extremity Kinetics During Stair Ambulation in Individuals With Patellofemoral Pain: Effects of Patellar Taping." Gretchen Salsich, asst. prof. of physical therapy, School of Allied Health Professions, St. Louis U. Classroom B114, 4444 Forest Park Blvd. 286-1404.



**4 p.m. Pain Center seminar.** "The Cell Biology of Bone Cancer Pain." Patrick Mantyh, prof. of preventive sciences, U. of Minn., Twin Cities. Room 5550 Clinical Sciences Research Bldg. 362-8560.

#### Wednesday, May 16

**Noon. Orthopaedic research seminar.** "In Vitro Chondrogenesis." Brian Johnstone, orthopaedics dept., Case Western Reserve U., Cleveland, Ohio. Key Library, Suite 11300, Barnes-Jewish Hosp. Bldg. 454-7800.

**Noon. Seminar in Neural Engineering.** Pamela Abshire, Johns Hopkins U. Sponsored by the biomedical engineering dept. room 928 McDonnell Medical Sciences Bldg. 362-7043.

**5:15 p.m. Mothers and Babies Research Center conference.** "IGF-1-induced Apoptosis in the Mouse Blastocyst Results in Increased Resorption Rates *in vivo*." Anil Pinto, instructor in obstetrics and gynecology and fellow, reproductive endocrinology div. Lower North 2, St. Louis Children's Hosp. 747-0739.

### Music



#### Friday, May 4

**8 p.m. WU Opera concert.** Includes Act II of Johann Strauss' "Die Fledermaus." Jolly Steward, dir. Umrath Hall Lounge (also May 5, same time). 935-5581.

### Sports

#### Friday, May 4

**3:30 p.m. Men's and women's track and field.** WU Last Chance Meet. Francis Field. 935-5220.

#### Saturday, May 5

**1 p.m. Women's softball vs. Webster U.** Softball Field. 935-5220.

### Worship

#### Friday, May 4

**11:15 a.m. Catholic Mass.** Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

**1:10 p.m. Muslim Friday prayers.** Includes sermon and prayer service. Lambert Lounge, Mallinckrodt Student Center. 935-3543.

#### Friday, May 11

**11:15 a.m. Catholic Mass.** Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

**1:10 p.m. Muslim Friday prayers.** Includes sermon and prayer service. Lambert Lounge, Mallinckrodt Student Center. 935-3543.

### And more...

#### Saturday, May 5

**7:30 a.m. Continuing Medical Education conference.** "Current Challenges in Infectious Diseases." Cost: \$40. Eric P. Newman Education Center. To register, call 362-2418.



**9 a.m. American Heart Walk.** One, three or five miles. Co-sponsored by Barnes-Jewish Hosp., WU Physicians Heart Services and the Heart Care Inst. World's Fair Pavilion, Forest Park. To register, call 362-2293.

#### Sunday, May 6

**7:30 p.m. WU School of Art's fashion design show.** "Reflections." Cost: \$45, general seating; \$150-\$3,000, special seating. Garden Court, Saint Louis Galleria. 935-9090.

## OVATIONS!

2001-02 series offers array of presentations — from Page 1

"Copenhagen," which explores the relationship between atomic pioneer Niels Bohr, a half-Jewish Dane, and Werner Heisenberg, head of the Nazi nuclear effort. Author David Sedaris, whose sardonic tales are regularly featured on National Public Radio's "Morning Edition" and "This American Life," also takes the stage that month with new material and selections from his latest book, "Me Talk Pretty."

For music lovers, the season — and the ovations! for young people series — gets off to a bang with Scrap Arts Music, a Vancouver-based percussion ensemble that performs on homemade instruments built from recycled and salvaged materials. In November, the Grammy Award-winning Kronos Quartet performs two concerts of contemporary classical music, each featuring a different program. In December, jazz pianist Cyrus Chestnut welcomes the holidays with "A Charlie Brown Christmas,"



# Advertising for good: Film students highlight worthy messages

By LIAM OTTEN

Just because you *can* do something, doesn't mean you should. Nowhere is this maxim better illustrated than in the world of filmmaking and special effects, where crass commercialism and sophisticated yet ultimately trivial technique often conspire against more thoughtful artistic strategies.

This semester, students in "Digital Video Post-production," an upper-level seminar, have learned this lesson well. Working with local not-for-profit agencies such as Operation Food Search, Our Little Haven and Habitat for Humanity, the students have developed a half-dozen fully produced, 30-second public service announcements (PSAs) that were recently submitted to KTVI Channel 2.

"Digital technology allows you to do just about anything to an image," said Pier Marton, senior lecturer in the Film and Media Program in Arts & Sciences who conceived the project. "In previous semesters, just like being in a candy store too long, students didn't know what to do with such temptations. They would spend so much time learning to manipulate images that they lost the notion of 'do I have anything to say?'"

"The tools are often used for fluff," Marton continued. "I wanted to find a setting that implied social responsibility, where their artistic choices would carry weight. Every move on the screen had to count because students reported not just to me, but also to a client who would not be swayed by pyrotechnics."

This January, the class met with Stephanie Kurtzman, coordinator of women's programs/community service, who helped them research various community organizations and identify groups with whom they'd like to work. Students then approached the organizations,



Video stills from a series of 30-second public service announcements created this semester by students in the Film and Media Program in Arts & Sciences. Working with local nonprofits, the students oversaw every aspect of the production process, from writing scripts and shooting film to recording voice-overs and commissioning original music.

secured cooperation and began proposing story ideas.

Once a concept was agreed upon, they set to work developing scripts, shooting video footage on simple digital cameras, recording voice-overs and — because Marton insisted that every aspect of the pieces clear copyrights — even commissioning original music. Post-production was completed on computers using professional-quality software.

Yet for all the intricacies of "motion graphics" and programs like Adobe's "Aftereffects" and Pinnacle's "Commotion," the young filmmakers quickly realized that the question of *how* to do something was far less important — and far less difficult — than the question of *why*. Several students pointed out that, left unchecked, the urge to demonstrate technical proficiency could

even prove an obstacle to crafting a coherent and appropriate message.

"At first, the tools took me in the wrong direction," senior David Ready admitted.

Ready said he worked through several drafts of his spot for Alzheimer's Association before completing a final version, a moving collage of worn yet spirited faces fading in and out to a bittersweet guitar score by undergraduate Ithay Biton.

"The spot's only 30 seconds, so you want it to have impact, but dealing with Alzheimer's is a delicate issue," Ready said. "My first draft might have looked cool, but it was horrible — not what Alzheimer's Association is all about."

Senior Charles Lin, who worked with Life Crisis Services, a suicide prevention hotline, agreed.

"You look at commercials or

film trailers, and there's all these lightning bolts and flames and other dazzling effects, but it really all comes down to how you represent the organization," Lin said. "It's such a serious subject, and for my piece at least, I had to capture their message with simplicity."

Lin's contribution certainly does that. Shot in evocative black-and-white, the piece depicts a seemingly troubled young woman (portrayed by senior Patty Navarro) crossing a narrow bridge, looking through a chain-link fence to a highway below. The scene's starkness is alleviated by the appearance of the Life Crisis Services logo and phone number, both printed in bright yellow, and by the calm, steady sound of water washing onto a beach.

"This is an applied-arts kind of assignment, creative but not

about pure creativity, more about tightly packing information in a very focused way, chock-full of problem solving," Marton said. "If you combine the fact that students seldom realize the power of the tools they use and the fact that nonprofit organizations in general cannot afford such highly produced television spots, you can foresee a great opportunity for both parties."

"My goal was to get the class to do something of value, in the many senses of that word."

Ready said, "When you're just making something for yourself, the only thing you can hurt is yourself, or maybe your grade. But working with organizations like these, you really want to do something for them. There's a sense of responsibility."

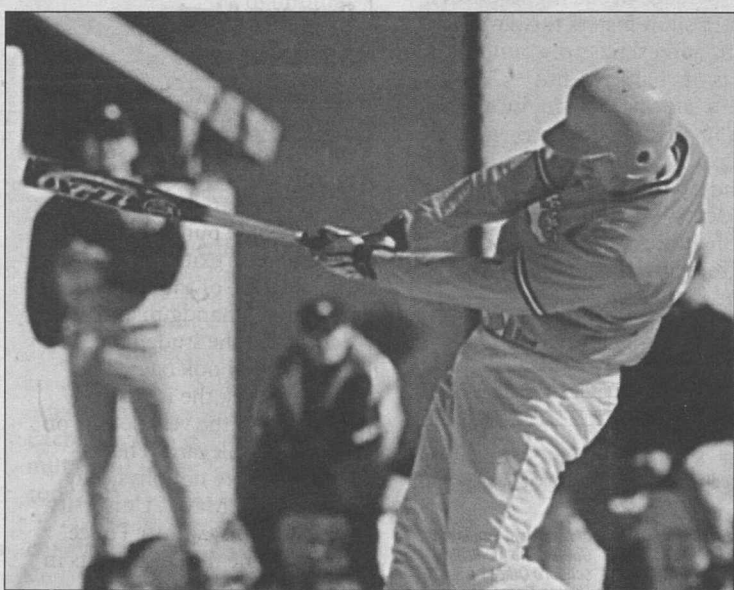
Clips from the PSAs are online at <http://artsci.wustl.edu/~marton/Comp.html>.

## Sports

### Baseball stops Webster, finishes season 18-16

The baseball team ended its 2001 season with a 4-3 run, including a doubleheader sweep over Webster University (11-8, 8-4) in Tuesday's finale that gave the Bears a winning record at 18-16. It was senior day at Kelly Field, and several of WU's departing players had big days. Jon Curd got the win in Game 1, tossing 5 1/3 innings and giving up five runs. Graham McBride and Ramos Mays each went 2-for-3, and Mays and Greg Kriegler cracked home runs. A trio of seniors went out on a positive note in Game 2. In his last collegiate at-bat, Dusty Deschamp hit his first career homer, a three-run blast that stretched the Bears lead to 8-4. Fellow senior Kevin Lux had given WU a 4-3 edge with a homer in the third, and shortstop Andy Smith helped preserve the lead with several remarkable stops in the field. Senior pitcher John O'Connell tossed a complete game, giving up just two earned runs and one walk while striking out five.

WU got a 4-2 win over Greenville College April 25. Curd kept his fantastic season going by tossing a complete-game win, giving up just two unearned runs and striking out five. From there it was on to Cleveland for four games with Case Western Reserve University Saturday and Sunday, but the long trip may have tired the



Senior Dusty Deschamp hit his first collegiate home run, a three-run blast, in his last at-bat to give the Bears an 8-4 win over Webster University in Tuesday's season finale.

team out as the Spartans rallied to take three straight (10-3, 4-1, 15-11) after the Bears took a 14-4 win in the opener. Andy Smith went 4-for-5, and Lux and Mark Glover each drove in three runs.

### Softball bounces back with big extra-inning win

Washington University softball struggled and dropped three of four games, but bounced back by winning a 13-inning nail-biter over one of the best teams in the nation. The Bears started the week off on the wrong foot, dropping a pair to MacMurray College April 26. In Game 1, sophomore pitcher Liz Smith tossed a gem, scattering seven hits over eight innings, but

WU fell, 1-0. The Bears didn't fare much better in Game 2, losing 5-1. They traveled to Bloomington, Ill., to square off against Illinois Wesleyan University, who entered the contest at 30-10 on the season. The Bears were handed a 10-2 loss in the opener but came back for a long battle in the nightcap. After the teams traded runs in the 10th to break a scoreless tie, the Bears finally tacked four runs on the board in the top of the 13th, highlighted by senior first baseman Anne Gregory's three-run homer. The Titans rallied with three runs in the bottom of the inning, but the Bears held on for the 5-4 win, evening their record at 21-21.

## Institute

### Promoting service focus of social work program

— from Page 1

- Forming an international research network;
- Developing a worldwide network of key practitioners and policy-makers;
- Training a cohort of scholars, including social work graduate students, for work in the area of international service;
- Creating a Web-based global information network;
- Sponsoring research and demonstration projects;
- Hosting an international conference; and
- Monitoring developments in service internationally.

The Institute may become as

successful as another Ford Foundation-sponsored project at CSD, Individual Development Accounts (IDAs). Under the matched-savings account program, the poor are able to accumulate savings and assets as a way to escape the cycle of poverty. The project currently is being adapted for use in the United Kingdom.

"As with IDAs, we aim to clarify the concept of 'service' and establish a larger vision, reasoning and empirical evidence that can inform policy and practice," Sherraden said. "The institute's primary objective will be to build the knowledge base about service to inform policy and program development worldwide."

"Our long-term goal will be to put service on the footings of a new social institution with widespread recognition, careful scrutiny and gradual expansion."

## Staff Day

### Arts and crafts, sports, award ceremony May 21

— from Page 1

Burmeister at 935-5801;

- A bike ride at Forest Park — call Bobbe Winters at 935-6231;
- Volleyball — call Tom Lauman at 935-5967;
- Softball — call Kevin Bryant at 935-5719;
- Arts and crafts — Mary Withington, 935-5949.

At 3:30 p.m., winners in various activities will be presented with trophies or plaques, and there will be drawings for grand prizes in Mallinckrodt. Ted

Drewes will also be available in Bowles Plaza on a first come, first served basis during the awards.

"Staff Day is a great way to thank our staff members for their hard work and contributions to the University," said Ann B. Prenatt, executive director of human resources. "A great deal of time and effort is put into the organizing and implementing of the event by the Staff Day Committee and the Office of Human Resources. It is always worth it when we see the smiles of those receiving service awards, colleagues enjoying the competitions and just having a fun afternoon."

For more information, call 935-5990.



## Summer Writers Institute June 18-29

By JESSICA N. ROBERTS

Area writers looking to explore techniques in fiction, poetry or creative nonfiction while advancing their writing can join some of St. Louis's best writers for a two-week intensive creative writing experience.

The University's Summer Writers Institute June 18-29 brings together instructors and participants for workshops focused on developing writing skills. Tuition for the two-week program is \$600. The Summer Writers Institute is a program of University College in Arts & Sciences.

Workshops will be held weekdays from 9:30 a.m.-12:15 p.m. The teachers — Peter Leach in fiction, Catherine Rankovic in poetry and Rockwell Gray in creative nonfiction — will provide both

instruction in the genre and constructive criticism of participants' work.

During the first week of the program, groups will discuss writing submitted in portfolios. The second week's discussions will center on new writing produced in response to exercises and assignments.

Students will also attend a variety of afternoon sessions including faculty readings, craft talks and panel discussions.

Guest faculty for the institute includes David Carkeet, Mary Troy, Doreen Salli, Allison Funk,

Lawrence Revard, David Clewell, Qiu Xiaolong, Donald Finkel, emeritus professor of English in Arts & Sciences, and William Gass, the David May Distinguished University Professor Emeritus in the Humanities and former director of the International Writers Center in Arts & Sciences. Carakeet will also lead a pedagogy workshop for participants.

Special events for participants include an open-microphone reading, a panel of literary magazine editors and several social events.

**"The workshop was a wonderful experience. The participants were serious and talented. It was great to hear from a variety of voices related to the writing experience."**

RUTH MCKINNEY

Response from past participants has been tremendous.

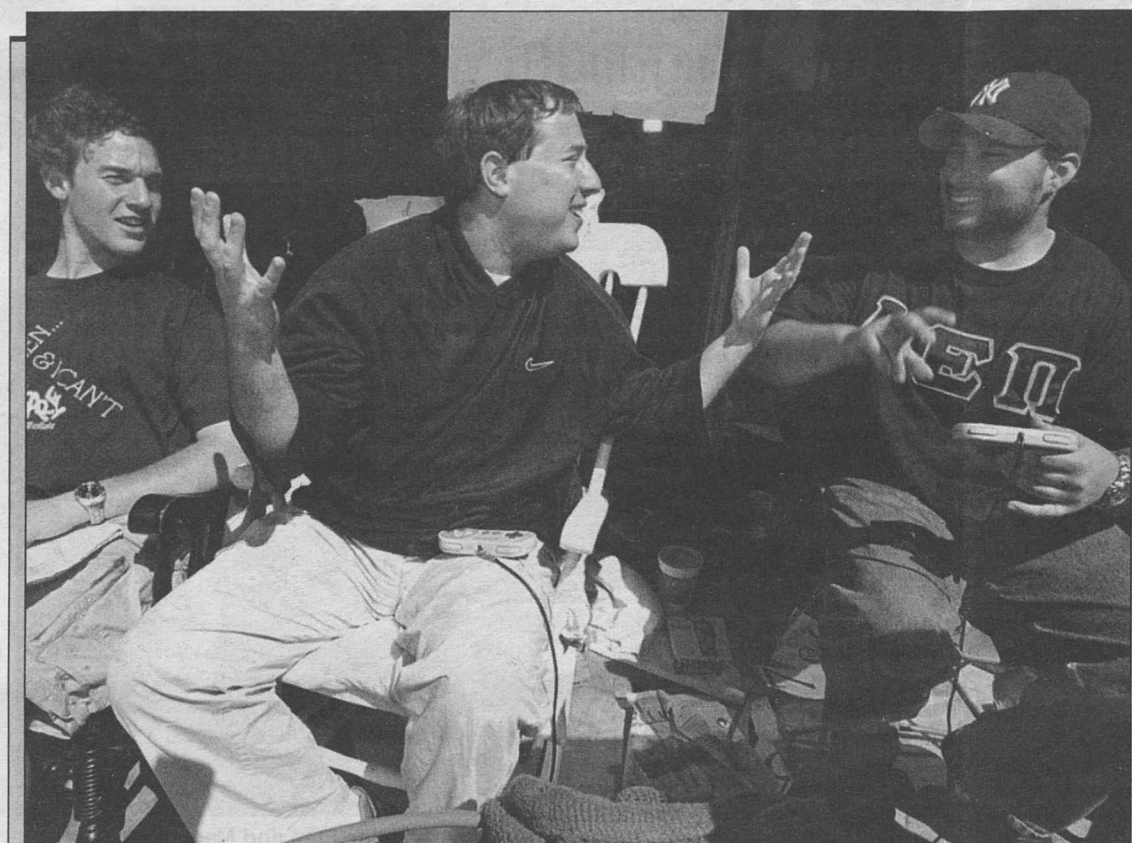
"The workshop was a wonderful experience. The participants were serious and talented," said Ruth McKinney, a 2000 institute participant. "It

was great to hear from a variety of voices related to the writing experience."

Students may arrange to earn one unit of undergraduate or graduate academic credit. An additional fee of \$100 is required for the credit.

All applicants to the institute must include a writing sample of up to 25 pages of prose or 10 poems, and a \$15 nonrefundable fee.

For more information, call 935-6759 or visit <http://artsci.wustl.edu/summer/sumwrite>.



**Rockin' the night away** (From left) Freshman Dan Spelkin, junior Jonathon Pepper and senior Josh Cohen, members of Alpha Epsilon Pi fraternity, rock away the afternoon as part of the organization's annual Rock N' Care fund-raiser. Members of the fraternity volunteered to take shifts sitting in rocking chairs outside of Mallinckrodt Center from April 22-26. The project raised more than \$4,000 for the Children's Cancer Fund at St. Louis Children's Hospital.

## Chi Epsilon honor society charter members initiated

The initiation of the University's chapter of Chi Epsilon, a society devoted to civil engineering, and its charter members was held Sunday at Wohl Center.

Christopher I. Byrnes, Ph.D., Edward H. and Florence G. Skinner Professor in Systems

Science and Mathematics and dean of the School of Engineering and Applied Science, honored the students. Three Chi Epsilon

national council members, Bob Henry, Olin Dart and Thomas Petry, performed the initiation.

Three alumnae — Katherine Culligan, Jennifer Schedler, Jeannette Abbott — were recognized. Also honored were the following students: Ellen Beckmann (president), Andrew Stark (vice president), Katie Owen (treasurer), Jennifer Becker (secretary), Kathryn Sarnecki (activities), Cory Morgan, Scott Johnson, Adam Scates, Dusten Olds, Raul Martinez, Scott Witthoft, Wade Des Rosier, Bryan Haverhals, Michael Witt, Caroline

Barnett, Marc Carruthers, R. Tyler Ranf (2001 president), Steven Fiske (2001 vice president), Cassandra Goodwin (2001 secretary), Wade DesRosier (2001 treasurer), Tamar Kieval (2001 activities) and Trevor Axner-Engel (2001 activities).

of this society. The petition was approved in this semester.

Dedicated to the purpose of maintaining and promoting the status of civil engineering as an ideal profession, Chi Epsilon recognizes the characteristics of the individual civil engineer

deemed to be fundamental to the successful pursuit of an engineering career. It also aids in the development of those characteristics in civil

engineering students.

Engineering is assuming a constantly increasing responsibility for the well-being of all people and thus calling for competence of the highest order. Chi Epsilon fosters the development and exercise of sound traits of character and technical ability among civil engineers and its members by precept and example toward an ever higher standard of professional service. Students in the upper one-third of the junior and senior civil engineering classes are eligible to be invited to join.

**This year, the students in the Department of Civil Engineering were granted permission to initiate a new honor society to recognize their accomplishments in that area.**

Faculty and students from Southern Illinois University at Edwardsville also partook in the ceremony.

This year, the students in the Department of Civil Engineering were granted permission to initiate a new honor society to recognize their accomplishments in that area. Last fall, the members of the University's Civil Engineering Honor Society collected historical records, faculty recommendations and student information and wrote a petition to the Supreme Council of Chi Epsilon to form a chapter

## Employment

Use the World Wide Web to obtain complete job descriptions. Go to <https://hr.wustl.edu/> (Hilltop) or <http://medicine.wustl.edu/wumshr> (Medical).

### Hilltop Campus

Information regarding positions may be obtained in the Office of Human Resources, Room 130, West Campus. If you are not a WU staff member, call 935-9836. Staff members call 935-5906.

**Research Technician** 000256  
**General Services Assistant** 000377  
**Research Assistant** 010023  
**Administrative Secretary** 010032  
**Director of Admissions and Marketing** 010069  
**Associate Director of Research Communications** 010107  
**Senior Medical Sciences Writer** 010108  
**Mechanic (Bargaining Unit Employee)** 010111-2  
**Research Assistant** 010140

**Coordinator, Programming and All Campus Events** 010146  
**Director** 010149  
**Financial Aid Coordinator** 010155  
**Catalog Librarian** 010166  
**Assistant Facility Manager** 010179  
**Zone Manager** 010182  
**Career Development Specialist** 010187  
**Planned Giving Officer** 010194  
**Administrative Aide** 010197  
**Senior Prospect Researcher** 010213  
**Senior Compliance Auditor** 010229-30  
**Associate Director, Annual Giving Programs** 010231  
**Senior Prospect Researcher** 010236  
**Reference/Subject Librarian (Psychology)** 010241  
**Reference/Subject Librarian (German)** 010242

**Coordinator, Alumni & Student Marketing & Relations** 010245  
**Administrative Aide** 010247  
**Research Technician** 010250  
**Residential College Director** 010251-53  
**Administrative Assistant** 010254  
**Receptionist** 010256  
**Partners in Education W/Parents Processor** 010267  
**Research Assistant** 010268  
**Student Union Business Manager** 010269  
**Research Technician** 010271  
**Shuttle Coordinator** 010272  
**Deputized Police Officer** 010273  
**Admissions Officer** 010274  
**Director III** 010276  
**Site Operator/Technician** 010279  
**Associate Vice Chancellor** 010280

**Secretary/Receptionist** 010284  
**Public Service Coordinator** 010286  
**Administrative Assistant** 010287  
**Catalog Librarian** 010290  
**Support Services Assistant** 010294  
**Business Manager** 010295  
**Special Media Collections Archivist** 010297  
**Circulation Assistant** 010298  
**Coordinator of Off Campus Living** 010299  
**Administrative Assistant** 010300  
**Associate Director Development Communications** 010301  
**Administrative Assistant** 010302  
**Technical Director** 010303  
**Sales Associate (part time)** 010304  
**Administrative assistant for Office of the Dean** 010305

**Assistant Accountant** 010306  
**Secretary III** 010307  
**Academic Coordinator** 010308  
**Retention and Academic Advisor** 010309  
**Research Assistant** 010310  
**Manager, Business Development** 010311  
**Mail Carrier (part time)** 010312  
**Circulation Assistant** 010313  
**Regional Director of Development** 010314  
**Regional Director of Development** 010316  
**Department Secretary** 010317  
**Assistant Director of MBA Admissions** 010318

### Medical Campus

This is a partial list of positions at the School

of Medicine. Employees: Contact the medical school's Office of Human Resources at 362-7196. External candidates: Submit résumés to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, MO 63110, or call 362-7196.

**Secretary 1/Assistant Coordinator** 010453  
**Statistical Data Analyst** 010553  
**Editorial Assistant** 010676  
**Payroll Assistant** 010981  
**Secretary II (part time)** 011133  
**Business Manager** 011232  
**Medical Secretary II (part time)** 011275  
**Garage Attendant** 011411  
**Purchasing Assistant (part time)** 011434  
**Administrative Coordinator** 011439  
**Librarian** 011505

## Campus Watch

The following incidents were reported to University Police April 25-May 2. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at [rescomp.wustl.edu/~wupd](http://rescomp.wustl.edu/~wupd).

### Campus Alert — April 30

1:30 a.m. — Two male University students were walking across Lot 35 south of Simon and Prince halls. A small blue van containing three people pulled up and two subjects exited the vehicle. One of the subjects displayed a handgun and demanded the students' wallets and book bags. The subjects took the items and then fled in the vehicle east on Forsyth Boulevard. The students were not physically injured. On May 1, University and St. Louis County Police arrested one of the suspects in the armed robbery. An investigation is continuing.

**Precautions:** When possible, walk in a group or with another person. Report any suspicious people or activity. Don't take unnecessary risks. Contact University Police for a security escort if necessary.

**Response:** Report suspicious activities/persons immediately to the University Police at 935-5555 or via Blue Light Emergency Telephone at locations throughout campus. Contact University Police if you have any information that might assist in this investigation.

### April 27

6:26 p.m. — Three students were reported carrying alcoholic beverages in the South 40. University Police

confiscated the alcohol and referred the students to the judicial administrator.

### April 28

3:23 p.m. — Two males were attempting to sell fake identification to students. The suspects, who are not University students, were identified and trespassing warnings were issued.

### May 1

11:22 p.m. — A student reported that an unidentified female was inside her Umrath Residence Hall room when she returned from errands. The suspect stated she was looking for something, paused, and then stated she was looking for the student's roommate. When the roommate returned, she did not know this person by description. Both students stated they left their door unlocked but the door was shut. Nothing items were reported missing. The suspect is described as an African-American female, 25 years old, 5-foot-8 and 150 pounds with black shoulder-length hair. At the time of the incident, the suspect was wearing a tan shirt and green slacks.

Additionally, University Police also responded to one report of a liquor violation, nine reports of theft, five reports of vandalism, two reports of automobile accident, one report of assault and one report of disturbing the peace.



# Notables

## Introducing new faculty members

The following are among the new faculty members on the Hilltop Campus. Others will be introduced periodically in this space.

**Richard L. Schockley Jr.**, Ph.D., joins the Olin School of Business as visiting assistant professor of finance. He earned a bachelor of science degree from the University of Virginia in 1984 and a doctorate from Indiana University in 1992. Schockley's research interests include asset pricing, valuation of real options, and financial institutions. He received the MBA Teaching Award from the Kelley School of Business at Indiana University in 1998 and 1999. Schockley served as a consultant for Peterson and Company in San Francisco and is a certified public accountant.

**Jose Camoes Silva**, Ph.D., joins the Olin School of Business as assistant professor of marketing. He earned an MBA from Catholic University in Lisbon, Portugal, in 1994 and a doctorate in management science from the Massachusetts Institute of Technology in 2000. He has taught at the University of Coimbra, the Universidade Autonoma de Lisboa and Catholic University in Lisbon. Silva's research attempts to derive marketing implications from the modeling of consumer and firm behavior. He was an AMA-Sheth Doctoral Consortium Fellow at MIT in 1997.

**Jonathan Taylor**, Ph.D., joins the Olin School of Business as assistant professor of finance. He earned a bachelor of science degree from Washington University in 1991 and a doctorate from the Massachusetts Institute of Technology in 2000. Taylor's research examines portfolio management, risk management, and decision theory. Prior to joining Olin, he was a teaching assistant at Harvard University and held the Hugh Hampton Young Memorial Fellowship at MIT. He also was a marketing representative at IBM.

## Speaking of

**Annamaria Pileggi**, senior artist in residence in the Performing Arts Department (PAD) in Arts & Sciences, and **Henry I. Schvey**, Ph.D., professor and chair of the PAD, recently delivered a joint presentation at the Mid-America Theatre Conference in Chicago. The presentation, titled "Sacred Space as Theatre/Theatre as Sacred Space," used slides and video footage to document their collaboration on the Holocaust drama "Hannah's Shawl." The play — written by Schvey and directed by Pileggi — was commissioned by the St. Louis Holocaust Museum and Learning Center, where it debuted in 1999; a revised version of "Hannah's Shawl" was presented in the University's A.E. Hotchner Studio Theatre in February 2000. Schvey also delivered a paper in April at the Conference on Comparative Arts and Interdisciplinarity at Indiana University Bloomington. The presentation, titled "From Page to Stage: The Adaptation Process," discussed his forthcoming stage adaptation of Kate Chopin's novel "The Awakening." ...

## Of note

**Marcel Waldvogel**, Ph.D., assistant professor of computer science, and **Ronald P. Loui**, Ph.D., associate professor of computer science, both in the School of Engineering and Applied Science, and students have a subroutine, or procedure, in the new release of GNU's malloc.c, a fundamental part of the popular LINUX operating system. ...

The Olin School of Business placed second in the A.B. Freeman Finance Case Competition April 20 at Tulane University in New Orleans. Olin MBA students **Sandeep Aggarwal**, **Zafar Khan**, **George Ianev** and **Miranda Sanford** took home a \$3,000 prize. Other schools participating in the competition included Southern California, Emory, Rice, Texas, Vanderbilt and Tulane universities. Students had to recommend a financing plan for a joint venture in Venezuela between Petroleos de

Venezuela S.A. and Conoco Oil Co. ...

**Paul Groszewski**, adjunct professor civil engineering in the School of Engineering and Applied Science, was honored as the Northcutt Coil Professor of the Year for 2001 during the Engineers' Honor Ceremony Sunday in Lopata Gallery. The school also honored **Philip V. Bayly**, Ph.D., associate professor of mechanical engineering, as Adviser of the Year. **Mary Jo Farhatt**, administrative aide in engineering student services, received the Outstanding Service Award for her work with students. The honorees were chosen by a vote of the school's senior class. ...

**Sabina Ott**, associate professor of painting and director of

the graduate program at the School of Art, recently received a \$20,000 Stanley A. and Eliza Gardener Howard Foundation Grant. Administered by Brown University, the Howard Foundation awards a limited number of fellowships each year in fields selected on a rotating basis; grants in painting, sculpture and art history are awarded every five years. Applicants are nominated by their universities with final selections made by the foundation's board of administration, including the president of Brown. Ott, an internationally recognized abstract painter, was one of 13 recipients from a pool of 140 nominees. The grant will support the creation of a new series of work exploring the philosophical and aesthetic

impact of digital technology on traditional studio practices. ...

## Correction

April 27 issue, Page 3: An incorrect photo was published with a story about research led by Robert D. Schreiber, Ph.D., the Alumni Professor of Pathology and Immunology and professor of molecular microbiology at the School of Medicine. The Record regrets this error. Robert D. Schreiber is pictured above.



**Outstanding work** Jennifer Victor, graduate assistant in political science in Arts & Sciences, receives a Dean's Award for Teaching Excellence from Robert E. Thach, dean of the Graduate School of Arts & Sciences, at an April 27 ceremony in the Women's Building Formal Lounge. The dean's awards recognize superb performances by graduate teaching assistants in the instruction of undergraduates in Arts & Sciences; winners receive a certificate and \$1,260. Other honorees are: Maria Bruno and Claudia Olejniczak, anthropology; Jon Hess, biology; Robin Lammi, chemistry; Krystel Mowery, East Asian studies; James Marton, economics; Shawn Rowe, education; Heidi Kolk, English; Richard Langston, German; Samuel Thomas, history; Michael Jury, mathematics; Christina Fuhrmann, music; Stephanie Bauer, philosophy; Jonathan Morris, physics; and April Seager, women's studies. Earning special recognition were anthropology's Jason Kaufman, biology's Lloyd Robinson, economics' David Lang, history's Matthew Brown and political science's Margaret Bergin.

## Phillips wins Academy Award in Literature from the American Academy of Arts and Letters

BY LIAM OTTEN

**C**arl Phillips, professor of English and director of The Writing Program in Arts & Sciences, recently received a 2001 Academy Award in Literature from the American Academy of

Arts and Letters.

Phillips was one of eight recipients of a \$7,500 prize, which honors both established and emerging writers in drama, fiction, nonfiction and poetry.

Phillips is the author of five volumes of poetry: "The Tether"

(2001); "Pastoral" (2000); "From the Devotions" (1997), nominated for the National Book Award in poetry; "Cortège" (1995), a finalist for both the National Book Critics Circle Award and the Lambda Literary Award in Poetry; and "In the Blood" (1992), winner of the

1992 Samuel French Morse Poetry Prize from Northeastern University Press. His translation of Sophocles' "Philoctetes" is forthcoming from Oxford



**Phillips:** Academy-honored poet

University Press.

In 1997, Phillips was one of two poets selected by U.S. Poet Laureate Robert Pinsky for a Witter Bynner Foundation Fellowship, and earlier this year Phillips organized the Midwest launch of Pinsky's "Favorite Poem Project" at the University. Phillips has also received awards from the Guggenheim Foundation, the Massachusetts Artists Foundation and the Academy of American Poets.

Phillips earned a bachelor's degree, magna cum laude, in Greek and Latin from Harvard University in 1981 and a master's degree in Latin and classical humanities from the University of Massachusetts Amherst in 1983. He earned a master's degree in creative writing from Boston University in 1993 and joined Washington University later that year for a joint appointment in the Department of English and the African and Afro-American Studies Program. He was named director of the Writing Program in 1996.

The academy's 250 members nominate candidates and a rotating committee of writers selects winners. The members of the 2001 committee were Russell Banks, Hortense Calisher, Francine Gray, Kenneth Koch, J.D. McClatchy and Richard Poirer. Other recipients were Guy Davenport, David Ferry, Charles Mee, Alice Notley, Frederic Tuten, Tobias Wolff and James Wood.

The academy was founded in 1898 to "foster, assist and sustain an interest in literature, music and the fine arts." Each year, the academy honors over 50 artists, architects, writers and composers (who are not members).

## Student Union honors faculty, staff and students

The annual Student Union Awards were presented April 11 at a reception in Holmes Lounge. Nominations were solicited from the student body. The four Student Union executive officers chose the following winners:

### Student Service of the Year:

• The Career Center and Stix International House

*Professor and Teaching Assistant (TA) of the Year:*

• Architecture: Phillip Shinn, affiliate assistant professor, and Rick Stewart

• Art: Lisa Bulawsky, assistant professor, and Erin McKinney

• Arts & Sciences: Kevin Moeller, Ph.D., professor of chemistry, and John Michael Boles

• Business: Martin Sneider, adjunct professor of marketing (no TA of the year award)

• Engineering and Applied Science: Jay Turner, D.Sc., associate professor, and Austin Li

### Administrator of the Year:

• Jeff Pike, dean of the School of Art

• Melanie Adams, associate director of the Office of Student Activities

### Awards given to Student

#### Union members and groups:

*Program/Initiative of the Year:*

• Strong Brew

• Student Activities Committee

for Election 2000 Programming

*Committee/Council of the Year:*

• Student Health Advisory

Committee: Dan Pascucci, chair

• Freshman Class Council:

Marlita Fullerton, Aki Garrett,

Elizabeth "SiSi" Marti, Shelley

Elson and Joya Deutsch

*Appointed Member of the Year:*

• Jessica Wubker, Student

Group Council chair

• Cindy Chang, Student Union director of public relations

*School Officer of the Year:*

• Victoria Caldwell, treasurer

of the Art School Council

• Matt Scheiner, president of

the Engineering School Council

*Class Officer of the Year:*

• Michael Fine, junior class

secretary

*New Senator of the Year:*

• Emily Reinhart, business

school senator and spring speaker

of the senate

• Michelle Miller, art school

senator and public relations

director for Arts & Sciences

council

• Jonathan Frick, engineering

school senator and spring Food

Committee chair

*Senator of the Year:*

• Laura Mendiola, Arts &

Sciences senator and Academic

Affairs Committee chair



## Washington People

**F**rom a childhood game to a lifelong devotion, I. Jerome Flance's love for medicine and people was fostered at home.

Playing house with his two older sisters, Flance, M.D., emeritus clinical professor of medicine in the School of Medicine, was always assigned to be the doctor. This role fit him well as a young child and later in life.

His childhood dreams led him to a career at the medical school spanning 63 years, touching hundreds of lives. When he "retired" at 87, Flance still wanted to help people, so he started his second career in urban renewal and development.

"I have always wanted to work with people who are at some disadvantage, whether that be by illness, economic or political circumstances," said Flance, now 89.

William Peck, M.D., executive vice chancellor for medical affairs and dean of the medical school, knew of Flance's passions when he retired in 1998 from an active medical practice at the



I. Jerome Flance (center), M.D., emeritus clinical professor of medicine in the School of Medicine, reviews blueprints for the Adams School project, an elementary institution in the Forest Park Southeast neighborhood closed since 1992 but scheduled to reopen Sept. 1. Others involved with the project are (from left): Andrew Trivers, president of Trivers Associates; Kevin Tate, project manager for M.L. Johnson and Co. Inc.; David Yates, project designer for Trivers Associates; Walter Beckman, project manager for S.M. Wilson and Co.; Vincent Bennett, executive vice president of McCormack Baron and Associates; and Gene Zick, superintendent of S.M. Wilson and Co.

## Continuing community contribution

At 89, I. Jerome Flance, M.D., keys renewal and development in the Forest Park Southeast neighborhood

By BRENDAN R. WATSON

Maryland Medical Group. In the early '90s, the Washington University Medical Center Redevelopment Corporation began working to redevelop the Forest Park Southeast neighborhood (FPSE), the 45-block area just south of the medical center. The corporation received a Housing and Urban Development grant of \$2.5 million in 1995 that bolstered the project, but it needed a fresh perspective. Peck asked Flance to head the effort.

"Jerry Flance has a long history of commitment and service to the St. Louis community," Peck said. "Jerry is extremely bright, has great common sense, communicates wonderfully and works tirelessly. He is the ideal person to bridge the Washington University Medical Center and the Forest Park Southeast neighborhood development project."

### The "total approach"

In the mid-1960s, Flance and other physicians started a free medical clinic as part of a program of revitalization in a depressed north St. Louis neighborhood. The clinic, however, shut down after five years because, oddly, very few people used its services. Flance said he was naïve about community development.

"The clinic failed because other needed services for the revitalization were left out," Flance said. "We didn't realize what services and other development was needed to support our efforts. I made up my mind that I would learn from that experience, and if I ever had a chance to do something like this again, I would leave nothing out. If you are going to revitalize a community, you need a total approach."

When offered the opportunity to work with the FPSE neighborhood, Flance quickly accepted. It wasn't going to be an easy task, though. He had to create a total approach from total despair.

When Flance took over the project, 50 percent of the households were below the poverty level; one-third of the households were headed by single mothers; and alcoholism, drug addiction and high crime rates plagued the area. Unemployment was an astonishing 20 percent, and there were no schools within the neighborhood. Students were bused to 30 different districts to attend school.

People who did not fall victim to these obstacles were being affected by disease. The infant mortality rate was twice the national average, 37 percent of the children had high blood lead levels, syphilis was five times as prevalent and AIDS was 30 times more common.

Flance was facing a serious health issue.

"Health doesn't just mean the absence of disease," Flance said. "Health is related to the totality of an individual's environment. It is directly related to education, housing, economic opportunity, security of one's neighborhood and access to recreation, to entertainment, to shopping, to different social services. That's the totality of what it means to be healthy."

### Community-driven plan

To upgrade the well-being of both the FPSE neighborhood and its residents, Flance enlisted

development of productive, healthy citizens starts in the womb with proper prenatal care and is most crucial during the early years of life.

"We need better parental-care programs that teach people to be better parents as well," Flance said. "We need programs starting at the very earliest time in an infant's life."

Flance also cites the school dropout rate, teen-age pregnancies, drugs, violence and unemployment as problems that affect the FPSE neighborhood's younger residents. He is particularly concerned about gunshot wounds, which he refers to as "acute lead poisoning," the leading cause of death of the youth population.

Flance and Baron are well on their way to addressing the community's realities. This month, construction will begin on a senior citizen assisted-living center with an adjacent

much of which will be subsidized. The St. Louis Police Department has also pledged its support.

"We are going to have a safe and pleasant neighborhood for everyone," Flance said.

Flance is excited about the neighborhood's future, and that excitement is spreading. Plans are under way to solicit input from the University's other schools and their students, and a group of social work students and faculty already are working in the neighborhood.

"He enjoys his work so much," said Bernard Shore, M.D., who practiced with Flance at the Maryland Medical Group. "It is very infectious. It is hard to be around him and not be enthusiastic, excited and happy with what you are doing."

### Yet another career?

With the pace of the neighborhood's progress, Flance believes his role will almost be complete five years down the line, at which time he will be looking for his next job.

"I told Dr. Peck that when this job is about finished, I will be about 95, and at that point he better find me another job to do, because I will be ready for it," Flance said.

Flance shows no signs of slowing down. He still goes to his office at the medical school daily. At the end of the day, Flance heads home to his wife, Rosemary. On the way, he shops at Schnucks and has dinner on the table by 5:45 p.m. After enjoying the evening with Rosemary, he sits down to read *The New York Times*.

"Before I retired, I never had time to read the paper front to back," Flance said.

Flance's retirement hasn't left him with a lot of time, but he is thankful for the opportunity to pursue this and other longtime interests.

"This kind of activity has been in the back of my mind for a long time...ever since I worked in north St. Louis," Flance said. "I get the feeling that maybe this was what I was pointed to all along, but I got here very late in life."

**"He enjoys his work so much. It is very infectious. It is hard to be around him and not be enthusiastic, excited and happy with what you are doing."**

BERNARD SHORE

the management assistance of Richard Baron, chief executive officer of McCormack Baron & Associates, a leader in urban renewal and development. Under Baron's management, the FPSE community, the medical center and Firststar Bank drafted a strategic neighborhood-redevelopment plan that has mustered support from city and state officials, foundations and area businesses.

The plan, which calls for reopening an elementary school, developing a community center, and revitalizing and creating mixed-income housing, has started to be successfully implemented. The plan also includes attracting commercial development on Manchester Avenue and establishing health, safety and employment services.

Flance, who grew up in a "warm, loving home" in Brooklyn, N.Y., credits his family's support for his success and stresses that childhood-development programs are most important to the FPSE neighborhood. Flance believes the

"intergenerational park" developed by the St. Louis Science Center and the Bi-State Transit Authority. The Adams School, an elementary institution closed since 1992, is scheduled to reopen Sept. 1. Four hundred fifty students — pre-kindergarten through fifth grade — will enroll. Next door, the Adams Park Community Center will open in October to provide a gathering place for neighborhood activities and social events.

With these changes, some residents are afraid higher rents will displace them from the neighborhood. Flance personally assures them that this is not the case.

"We do not intend to displace anyone from the neighborhood," Flance said. "We want everyone to stay except the criminals."

"We aren't interested in only the physical aspects. We are interested in helping the residents who live here."

Area banks have started to buy out slum landlords, and these properties will be rehabbed to include mixed-income housing,



Flance and his wife, Rosemary.

### I. Jerome Flance, M.D.

**Born:** Brooklyn, N.Y.

**Education:** B.A. (1931), M.D. (1935), both from Washington University

**University position:** Emeritus clinical professor of medicine in the School of Medicine

**Family:** Wife, Rosemary; son, Stephen; daughter, Patricia J. Croughan; seven grandchildren and two great-grandchildren