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Record

April 6, 2001

Volume 25 No. 25



Washington University in St. Louis

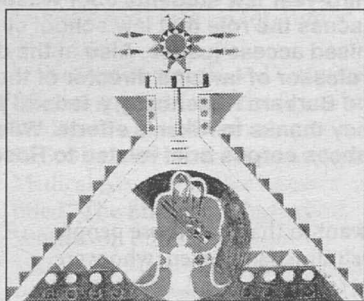
American Indian culture celebrated, showcased

By ANN NICHOLSON

An American Indian pow wow, traditional cuisine, storytelling, lectures, a film and a keynote address by a former official of the Bureau of Indian Affairs (BIA) are highlights of the University's American Indian Awareness Week starting Monday.

This year's theme is "Nurturing Our Families," recognizing the significance of family to the American Indian community and American Indian culture, said joint law and social work student Ric Munoz, who is co-chairing the weeklong festivities with master of social work students and Buder scholars Heather Wood, Tescha Hawley and Dale Chavis.

Munoz, a member of the Cherokee tribe and a Kathryn M. Buder scholar at the George Warren Brown School of Social Work, said the festival is designed to celebrate and showcase American Indian culture.



Social work student Heather Wood created this T-shirt design for the 11th annual Pow Wow and American Indian Awareness Week. For more information on purchasing a shirt, call 935-4677.

"Our annual Pow Wow and Awareness Week allow Washington University's American Indian students to share something of our unique cultures with the rest of the campus and the St. Louis community," Munoz said. "The festivities are fun and informative,

and we would like to invite everyone to join in them."

The Kathryn M. Buder Center for American Indian Studies at the social work school, the School of Law and the American Indian Student Association are co-sponsoring the festival. Munoz said the co-chairs are grateful for the University community's support, which has translated into expanded offerings this year.

Kevin Gover, J.D., former assistant secretary of the U.S. Department of the Interior's Bureau of Indian Affairs, will deliver the keynote address at noon Monday in the School of Law's W.L. Hadley Griffin Student Commons, Anheuser-Busch Hall. The BIA provides federal services to roughly 1.2 million American Indians and Alaskan natives who are members of more than 557 tribes. The bureau also administers about

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A new building planned at the northeast corner of Forest Park Parkway and Skinker Boulevard, seen in this artist's rendering, will house both University office space and outside retail.

Facelift

Offices, retail to replace old Talayna's building

The building at Forest Park Parkway and Skinker Boulevard that used to house Talayna's restaurant will soon give way to a new University-office and outside-retail structure.

In late 2000, the St. Louis Cultural Resources Commission issued the University a demolition and building permit, granting permission to raze the badly deteriorating structure.

Designed by the St. Louis architectural firm of Johannes/Cohen, the new three-story structure will house University administrative offices. The building will provide community-friendly retail space on the first level.

The exterior will be a masonry façade designed to match the neighborhood's architecture, and the upgraded site will include underground and surface parking. While no final decisions have been made regarding the retail space, it is likely to be occupied by

a small store or coffee shop.

"This new mixed-use facility will be a welcome addition to the Skinker-DeBalivere neighborhood," 28th Ward Alderman Lyda Krewson said. "Both the community and the University will benefit from this project."

The existing building will be demolished over the next several weeks.

"This new mixed-use facility will be a welcome addition to the Skinker-DeBalivere neighborhood. Both the community and the University will benefit from this project."

LYDA KREWSON

Once the current structure is down, the site will be excavated and the foundation will be laid for the new building. Work on that facility should begin later this month with a projected completion date of late spring 2002.

Neighbors of the University

have been notified of the upcoming construction project, and response has been positive.

"I believe that our neighbors will be delighted that Washington University is transforming a prominent but derelict and dormant corner into an attractive and active neighborhood office

See **Building**, Page 6



Win one for the Gipper Freshman Carl Abramowitz (center) gives his team a quick pep talk during a soccer game at the second annual Residential College Olympics on March 24. The all-day event attracted more than 1,000 students to the South 40 Swamp. Other friendly competition included a 5-kilometer run, basketball, chess, Frisbee and pingpong. Elliot/Nemerov residential college was declared the overall winner.

St. Louis PRINTMARKET features top dealers starting today

By LIAM OTTEN

The 18th annual St. Louis PRINTMARKET will host more than 25 of the country's top print dealers today through Sunday, offering a dazzling display of collectible-quality prints and other works on paper at the University's Gallery of Art.

Widely considered one of the most prominent events of its type in the Midwest, PRINTMARKET offers both the aspiring novice and the experienced collector a diverse selection of fine artwork at a wide range of prices. At PRINTMARKET, contemporary and old master works rub

shoulders with antique maps, historical posters, Japanese woodblock prints and more.

"There's something here for everyone," said PRINTMARKET founder Cecile Lowenhaupt, who co-chairs this year's event with longtime board members Joan Kleinbard and Laura McCanna. "We are delighted to feature an eclectic mix of the old and the new, emerging talents alongside internationally known artists."

Lowenhaupt also notes the event aims to create "a relaxed setting in which the public is invited to browse, talk with dealers and learn about collecting." As in past years, Mark

Buckheit Framing will be on hand to help patrons determine the best options for protecting and presenting their new acquisitions, while PRINTMARKET Café will offer sandwiches, pastries and beverages throughout the weekend.

Regular hours are from 10 a.m.-5 p.m. Saturday and Sunday. General admission is \$5, \$2 for students. In addition, a special preview party will be from 6-9 p.m. today.

PRINTMARKET will feature a characteristically prestigious list of dealers, including several new participants. Contemporary print publishers Pyramid Atlantic Press

(Maryland) and the Tamarind Institute (University of New Mexico-Albuquerque) both make their PRINTMARKET debut, as does Robert Lloyd Butler (St. Louis).

For antique lovers, frequent "Antiques Road Show" contributor Donald Cresswell of the Philadelphia Print Shop returns with a selection of historic prints and antique maps, as do Charles Edwin Puckett (Dallas) and Gateway Antiques (St. Louis). Gallery 539 (New Orleans) will offer a variety of architectural and decorative prints, while Farago Art (New York) features an array

See **PRINTMARKET**, Page 6



Chuck Close's pixelated "Portrait of Phil Glass," courtesy of William Shearburn Fine Art, is one of the many prints and other works on view at PRINTMARKET.

Commutations gained through work of law faculty, students

By ANN NICHOLSON

Earlier this year, when the news of presidential pardons was dominated by tales of political intrigue and financial improprieties, students and faculty in the School of Law's Civil Justice Clinic were quietly pursuing meritorious commutations from both President Bill Clinton and Gov. Mel Carnahan. Unlike the "pardongate" cases, the clinic was seeking well-deserved consideration for female prisoners who were victims of domestic violence, and in one case, whose former political beliefs had led to unjust treatment.

The clinic's students, faculty and staff recently celebrated their success in assisting several of these women prisoners, including the commutation of Susan Rosenberg, a federal prisoner who was released thanks to the efforts of the clinic director, Jane Aiken, J.D., professor of law, and of another attorney, Mary O'Melveny. While much of the students' clinical work involves assisting domestic violence victims with adult orders of protection and representing

children as guardians ad litem, the clemency projects created another avenue for pursuing justice for the disenfranchised, Aiken said.

At a recent law school conference on "Access to Equal Justice," Rosenberg shared with clinic students and 200 attendees the arduous journey leading to the commutation of her 58-year sentence. An activist in the Black and Puerto Rican liberation and anti-Vietnam War movements, Rosenberg was sentenced in 1985 for the possession of weapons, explosives and false identification. The judge who handed down her sentence, which was 16 times the national average for such an offense, cited her political ideology as the basis for his decision.

Although conspiracy charges against Rosenberg arising out of a notorious 1981 Brinks robbery in New York were dropped, unsubstantiated allegations from the case ultimately were used to keep Rosenberg in prison, Aiken said.

"Although Susan never was given the opportunity to go to trial to prove her innocence in the Brinks case, the parole commission, in a flagrant violation of her

due process rights, ordered Susan to remain in prison," Aiken said.

Aiken added that the parole board reached this decision, even though Rosenberg's codefendant was granted parole in 1997 and her political views had changed profoundly.

"This clearly was a continuing story of a miscarriage of justice," Aiken said. "Susan was denied parole in spite of the fact that she was a model prisoner who even developed an AIDS education curriculum for the prison system and was viewed as 'fully rehabilitated' by the parole commission."

Rosenberg cited Aiken among the primary figures who ultimately ensured that she achieved justice.

"I had the bad luck of being sentenced right at the cusp of when prison reform went out the window, and vengeance became the name of the game," Rosenberg said. "I was in isolation, small-group isolation and segregated within a men's prison. I have experienced every form of indignity."

"I didn't buy my pardon, and



Third-year law students Jodi Wilson (from left) and Joan Ritchey discuss the role that law school clinics play in helping the disenfranchised access justice. Also in the discussion are Jane Aiken, J.D., professor of law and director of the law school's Civil Justice Clinic, and Barbara Rosenberg, a federal prisoner who was granted clemency thanks to Aiken's efforts. Wilson and Ritchey worked on a habeas corpus brief related to Rosenberg's case.

I want to thank all those people, including Jane Aiken, who were part of a concerted, collective, 5 1/2-year effort to get me out. The struggle for justice is a living, breathing thing that does not always happen. You just have to keep going after it again and again and again."

Third-year law student Joan Ritchey, who worked on a habeas corpus petition the clinic was planning to pursue had Rosenberg been denied clemency, said working on the case was "a unique and rewarding experience."

"The injustice of the case was striking, so we tried to write a petition demonstrating how severely Susan had been denied due process," Ritchey said. "Both in this case, and another I was preparing seeking clemency from Gov. Carnahan for a victim of domestic violence, illustrated how arbitrary the clemency system can be. There is such a limited window of consideration for these very important petitions that seek justice when the system has failed."

At the state level, the clinic students joined their peers in law

schools throughout Missouri seeking clemency for a number of women who were victims of domestic violence and had killed their abuser. The project took a tragic turn when Carnahan was killed in a plane crash shortly before the end of his term.

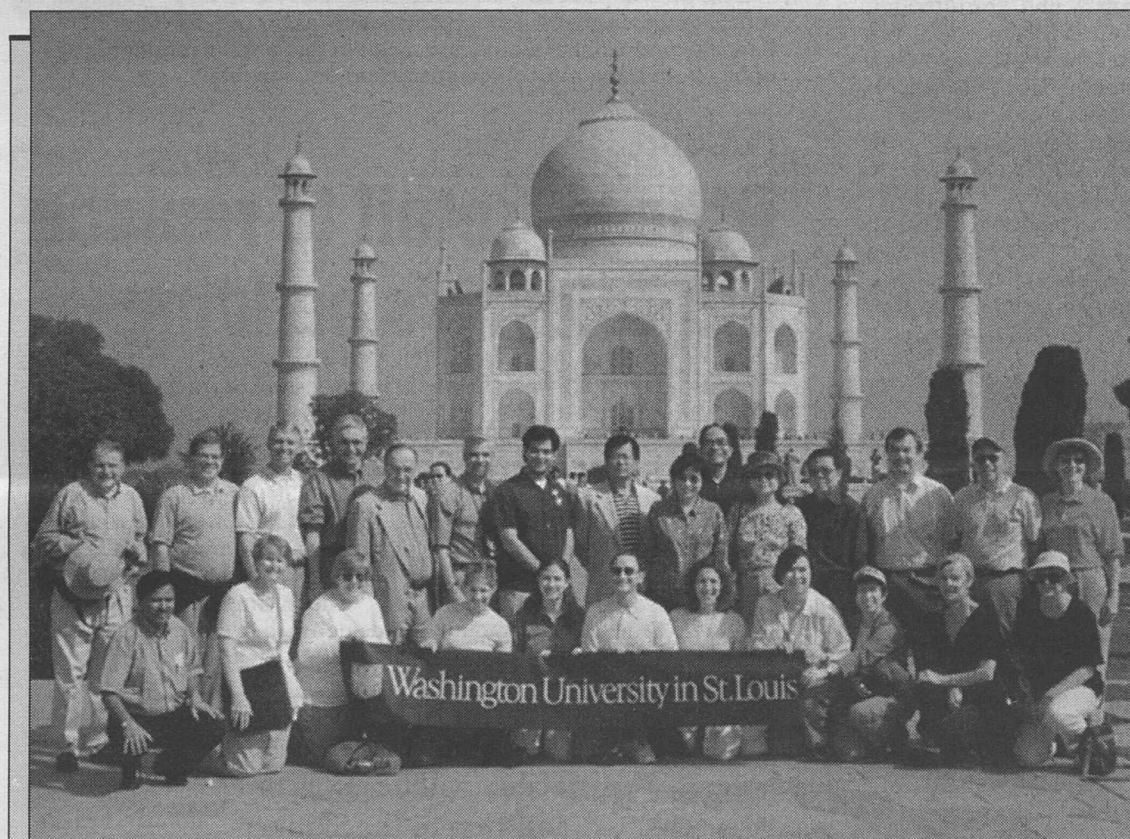
However, C.J. Larkin, J.D., the clinic's staff attorney, took solace in seeing that one of these women was granted parole. Building upon work students had done in their client's clemency case, Larkin was able to successfully advocate for the woman's release.

Clinic student Protima Pandey, who is pursuing the international graduate-level program at the law school, noted that helping women who are seemingly powerless is a critical part of the clinic's work.

"As students, we sometimes forget that every woman is not as privileged as we are," Pandey said. "Those of us who are privileged must use our position to empower other women. Just by being there and helping these women navigate through the system, we can make a difference."

"Jane is the best kind of lawyer there is, a woman not motivated by money or power, but always with her eye on justice. Like myself, Jane knows that justice is what we all need and can — sometimes — achieve."

SUSAN ROSENBERG



Furthering education globally Chancellor Mark S. Wrighton (center) and members of the International Advisory Council on Asia (IACA) enjoy a trip to the Taj Mahal during IACA's annual meeting held in New Delhi, India, in March.

University places in top 10 of nine U.S. News & World Report rankings

By DONNA KETTENBACH

Washington University School of Medicine tied for fourth overall and ranked first in student selectivity, according to this year's U.S. News & World Report rankings of graduate and professional programs.

The medical school also ranked third in the nation in occupational therapy, fifth in internal medicine, seventh for pediatrics, and tied for 10th in both women's health and drug/alcohol abuse categories.

The School of Law jumped two places to a tie for No. 27, as did the political science program in the College of Arts & Sciences, moving up to an 18th-place tie. The Olin School of Business' MBA program, tied with Vanderbilt University and the University of Rochester at 26, is in the top tier of the nation's 325 accredited MBA programs. The Henry Edwin Sever School of Engineering and Applied Science moved up three places to tie for 37th. Arts & Sciences' clinical psychology program tied for 19th, while its psychology program tied for 39th.

This is the fourth consecutive year the medical school has been

ranked No. 1 in student selectivity. It has placed in the top 10 ever since U.S. News began ranking medical schools in 1987.

"We are certainly pleased to again be recognized as one of the top medical schools," said William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the medical school. "We are especially proud of our continued success in attracting an entering class of students who are so highly qualified for the study of medicine."

The medical school tied with University of Pennsylvania after Harvard, Johns Hopkins, and Duke universities.

"I am pleased that the School of Law has continued to progress, rising from 32nd to 27th during the past two years, our highest ranking ever," said Joel Seligman, J.D.,

dean of the law school and the Ethan A.H. Shepley University Professor. "What matters also are factors that are not well-captured in U.S. News — the quality of our teaching of students, the accessibility of our faculty, and the sense of being an

academic and student-centered community."

Christopher I. Byrnes, the first Edward H. and Florence G. Skinner Professor in Systems Science and dean of the school of engineering, said, "While it is very heartening to move up in these rankings, we are more excited about the new initiatives that we've launched and the impact they will have on the quality of education and research in the School of Engineering and Applied Science at Washington University. The credit for these initiatives and the way they reflect on our reputation should really go to the entire School of Engineering family: our alumni, faculty, friends, parents, staff and students."

Although U.S. News did not gather new data this year for every graduate program, it republishes rankings in several categories in which Washington University ranked highly. The George Warren Brown School of Social Work reappears as the No. 2 social work program in the country. The School of Medicine's physical therapy

program kept sole possession of first place, and its health services administration program remained in a tie at 12. Arts & Sciences' audiology program, in cooperation with the Central Institute for the Deaf, continued in a sixth-place tie.

The University's rankings can be viewed at <http://news-info.wustl.edu/rankings/gradranking.html> or on U.S. News'

Web site, <http://www.usnews.com>. Annual rankings are based on varying criteria, including reputation, research activity, student selectivity, faculty resources, and surveys of deans, faculty and administrators. For information on the magazine's ranking methodology, visit <http://www.usnews.com/usnews/edu/beyond/gradrank/gbrank.htm>.

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Washington University in St. Louis

Medical School Update

Eating fewer calories may protect nerves

By JIM DRYDEN

Skippping the donuts may preserve your brainpower. A new study finds that cutting calories by about a third protects nerve cells from damage caused by interrupted blood flow.

Blocking blood flow to the eye in rats mimicked the shortage of blood in the brain that causes the most common type of stroke.

"Whether an observation in rats will apply to humans is not known," said Arthur H. Neufeld, Ph.D., the Bernard Becker Research Professor of Ophthalmology and Visual Sciences in the School of Medicine. "But when we combine our findings with those from other studies, we see a pattern. It suggests that eating fewer calories may lead to a longer and healthier life."

Neufeld's team reported its finding in the latest edition of the Federation of American Societies for Experimental Biology online journal, FJ Express (www.fasebj.org).

The researchers studied rats with various risk factors for ischemic damage of the retina. They compared young rats to older rats, rats with diabetes to those with normal blood sugar and rats on normal diets to those that ate 30-40 percent less food.

They tallied the loss of retinal ganglion cells — nerve cells crucial to vision — one week after briefly interrupting blood flow to the retina. As expected, the older rats had more damage than the younger ones: They lost about 40 percent of their retinal ganglion cells compared with 20 percent. Diabetic rats also fared worse than their nondiabetic counterparts.

Neufeld and colleagues placed both young and older animals on the calorie-restricted diet. The animals in these groups fed only three days a week for three months. The other groups had free access to food and water.

The young calorie-restricted animals gained 25 percent less weight as they matured than the other young animals. The older animals weighed about 16 percent less than the older animals that ate as much as they wanted.

Counting retinal ganglion cells after the interruption of blood flow, the researchers made a striking observation.

"In both older and younger animals, caloric restriction protected retinal neurons from damage," Neufeld said. "After

ischemia, younger animals lost almost 25 percent of their retinal ganglion cells, but in those on the calorie-restricted diet, the cell loss was closer to 15 percent. In older rats, retinal cell loss was about 30 percent in those eating a standard diet but only 20 percent in animals whose caloric intake was restricted."

Other researchers have found that animals on very low-calorie diets tend to live longer and are more resistant to both natural diseases and stress-related disorders. Preliminary research has suggested restricting calories can protect certain brain structures from damage, but Neufeld and colleagues are the first to test the effects of a low-calorie diet on nerve cells in the eye.

There are two advantages to studying retinal neurons.

"First, there are only about 100,000 of them in the rat eye, so we can label every single one and determine exactly how many are lost," Neufeld said. "Second, we can injure these neurons without breaching the barrier between the bloodstream and the brain. That way, we know the damage isn't caused by changes in the blood-brain barrier that might not relate directly to the initial ischemic injury."

Neufeld suggested these findings might apply to the loss of retinal ganglion cells in glaucoma as well as other neurons in the central nervous system. Retinal ganglion cells develop in the retina and then connect through the optic nerve, which goes into the brain. "So they are part of the central nervous system," he said.

He added that the risk factors his team studied — aging, diabetes, diet — are known to influence the risk for stroke and other brain conditions. But in this study, aging had less of an effect when animals ate a low-calorie diet.

The retinal model should be useful for exploring the effects on nerve cells of other risk factors for stroke, such as hypertension, smoking and obesity. Neufeld will also use it to see whether drugs can protect neurons from ischemic damage.

The team is determining how neurons die after ischemia.

"Are they killed by the initial injury, or do they commit suicide during the days or weeks after blood flow has been restored?" Neufeld asked. "We don't know yet, but we hope to find out."

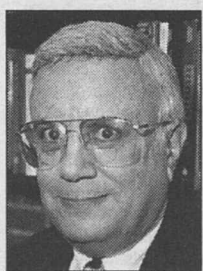
Stuart Boxerman named director of Health Administration Program

Stuart B. Boxerman, D.Sc., has been named director of the Health Administration Program at the School of Medicine.

The appointment was announced by William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the medical school.

"Under Stuart Boxerman's leadership, the Health Administration Program will continue its mission to educate outstanding health care administrators," Peck said.

Boxerman, who is also associate professor of health administration, will teach courses in statistics, operations research and information systems. He will continue researching process improvement and error reduction in

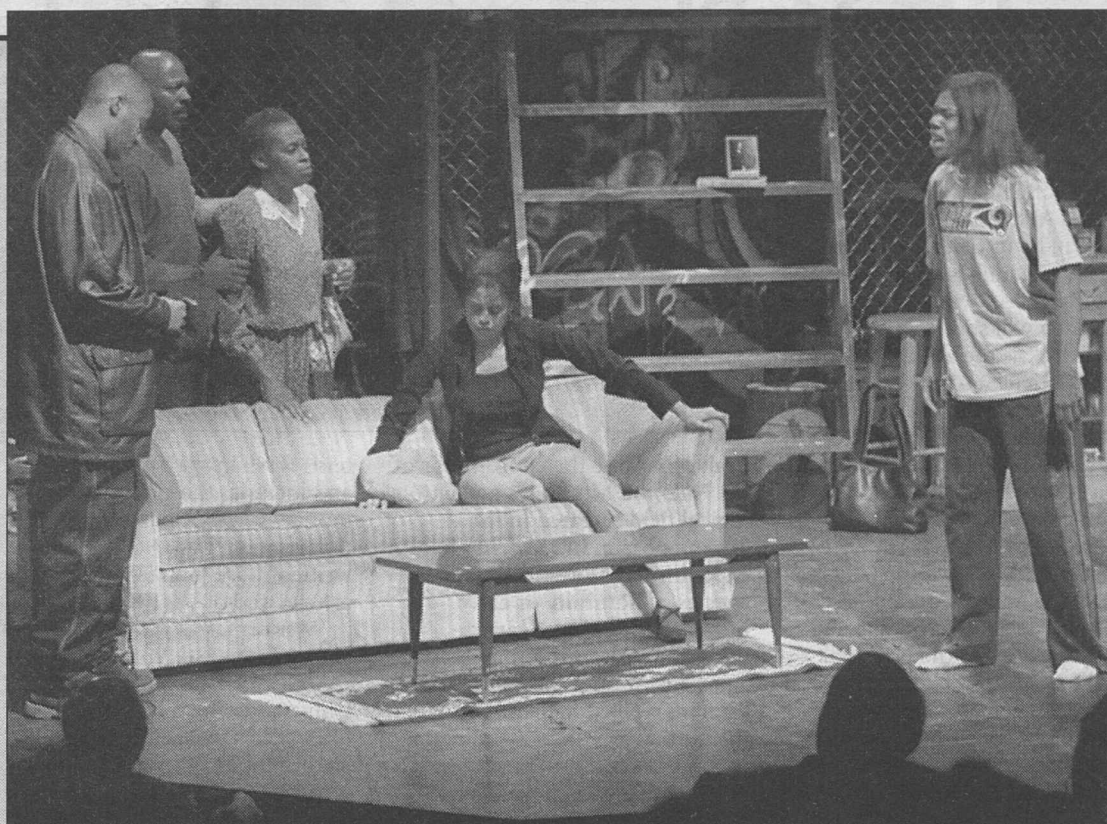


Boxerman: Studies process improvement

health-care delivery systems.

Boxerman earned three degrees from Washington University—two in engineering, a bachelor's degree in 1963 and a master's degree in 1965. In 1970, he earned a doctorate in applied mathematics and computer science.

He joined the Health Administration Program in 1974 as assistant professor. He was named associate director in 1983, deputy director in 1991 and interim director in 2000.



Alzheimer's on stage Members of the St. Louis Black Repertory Company perform "The Eighth Day of the Week," a play about an African-American family's struggles to care for their mother, who has memory loss and dementia. The play is sponsored by the School of Medicine and its Alzheimer's Disease Research Center, as well as the Alzheimer's Association and the Black Rep. The production, performed April 2 and again April 9, aims to increase awareness of Alzheimer's disease in the African-American community and to educate the public about early warning signs of the disease. For reservations, call 534-3810.

Class looks at discourse in doctoring

By ANNE ENRIGHT SHEPHERD

Claudia Mink's mother was critically ill, and it seemed as if she was developing a new set of symptoms every few days. As her mother's caregiver, Mink found herself interpreting and explaining results from the many doctors involved in the treatment.

"The doctors really just didn't seem to know what to say," she said as she recounted her mother's final weeks to a rapt audience of first-year medical students.

Mink's account was part of Discourse in Doctoring, a new selective course intended to help students understand the role of storytelling in health-care communication.

Elliot Gellman, M.D., course master and Mink's brother, invited her to share their mother's story as a way of emphasizing that doctors do not always communicate well with patients and their families.

"As physicians, most of our communication skills are acquired through on-the-job training," said Gellman, also clinical professor of pediatrics. "This course provides freshmen with means of dealing with patients and recognizing their satisfaction or dissatisfaction. Communication is the very foundation of it."

The course is designed to stimulate thinking about the importance of discourse in healing. Although there are no exams, students are asked to participate in critiques, a self-assessment narrative and storytelling.

This semester, the focal point of the multidisciplinary class

"This course provides freshmen with means of dealing with patients and recognizing their satisfaction or dissatisfaction. Communication is the very foundation of it."

ELLIOT GELLMAN

was a concert reading of the Pulitzer Prize-winning play "Wit." In the play, a literature professor with ovarian cancer becomes overwhelmed by the insensitivity of the medical staff providing her care. Students and faculty attended the reading, sponsored by the St. Louis Children's Hospital Staff Society, and discussed its ramifications.

First-year student Alison Snyder said the best thing about the course is the diverse perspectives offered by faculty with very different backgrounds. In addition to physicians with training in various specialties, presenters included a professional storyteller, an occupational therapist, faculty members

in education and psychology and the associate artistic director of the Repertory Theatre of St. Louis.

"It's definitely something we would not experience in the traditional medical curriculum," Snyder said. "This class is great."

After hearing Mink's moving narrative of frustration with some of her mother's doctors, James Keating, M.D., the W. McKim O. Marriott, M.D., St. Louis Children's Hospital Professor of Pediatrics, provided students with a take-home message. "Try to analyze for yourselves why you think physicians may fail to communicate with patients so you can avoid such situations in your own work," he said.

Capt. Joel Funari to deliver sixth Shepard lecture

Capt. Joel Funari, D.D.S., will deliver the sixth annual Shepard Memorial Dental/Otolaryngology Lecture from 9-11 a.m. Wednesday in the Eric P. Newman Education Center, 320 S. Euclid Ave. A free continental breakfast will begin at 8:30 a.m.

Funari, chief of service of Dental/Oral and Maxillofacial Surgery at the National Naval Medical Center in Bethesda, Md., will speak on dental implants. He is a noted teacher, lecturer and author

and has served with distinction in the Navy. He is involved in numerous professional organizations.

The Shepard Lecture Series honors the late Wilma Shepard and Earl Shepard, D.D.S. Earl Shepard was professor and chair of the Department of Orthodontics at Washington University School of Dental Medicine from 1953-75 and was a nationally recognized leader in the field of orthodontics.

For more information or to make reservations, call 935-5419.

Grants up to \$25,000 are available for diabetes, endocrinology research

Faculty members who conduct research in the areas of diabetes and endocrinology may apply for funding through the Diabetes Research and Training Center (DRTC) at the School of Medicine.

Researchers from Hilltop and Medical campuses are encouraged to apply for the two-year, \$10,000-\$25,000

grants, which begin Dec. 1. Applicants from basic science, epidemiological and behavioral science departments are particularly encouraged.

The DRTC pilot and feasibility program fosters projects required to develop preliminary data that could lead to independent research supported by the National Institutes of Health

(NIH). The NIH awards three to four of these projects at the medical school each year.

Those interested must submit letters of intent to the DRTC by June 15; proposals must be submitted by Aug. 15. Both should be sent to Vicky Nordike at Campus Box 8127. For more information, call 362-8290.

University Events

Leakey, McPherson complete Assembly Series docket

Lectures by paleoanthropologist Meave Leakey and Civil War historian James McPherson close this Spring's Assembly Series. Both talks will be in Graham Chapel and are free and open to the public.

Leakey will speak on "My Life in Science" as the annual Women's Society Adele Starbird Lecture at 11 a.m. Wednesday.

McPherson's address, "Abraham Lincoln and His Significance for the New Millennium," at 4 p.m. Thursday is sponsored by Thomas D. Fulbright, Phi Beta Kappa, Sigma Xi and the ArtSci Council.

Leakey is head of the paleontology division of the National Museums of Kenya. Since the '60s, she has participated in research expeditions, most of which have been in Kenya on the eastern shore of Lake Turkana. In 1989,



Leakey became the coordinator of the National Museum's paleontological field research in the Turkana basin. In 1994, her field expedition discovered a new species of hominid, or early human, that began to walk upright at least 4 million years ago. This finding showed that humans walked half-million years earlier than previously thought.

Leakey's research has focused on fossils recovered from long-

Assembly Series

Who: Paleoanthropologist Meave Leakey (left)

What: "My Life in Science," the annual Women's Society Adele Starbird Lecture

When: 11 a.m. Wednesday

Who: Civil War historian James McPherson (right)

What: "Abraham Lincoln and His Significance for the New Millennium"

When: 4 p.m. Thursday

Both talks are in Graham Chapel and are free and open to the public



Negro in the Civil War" (1968), "Ordeal By Fire: The Civil War and Reconstruction" (1982) and "Battle Cry of Freedom: The Civil War Era" (1988), which received the Pulitzer Prize in history. His latest book is "Drawn With the Sword: Reflections on the American Civil War" (1996).

McPherson has edited or co-edited four books or series and has written numerous chapters, essays, introductions and scholarly

articles. His more than 80 book reviews have appeared in various professional journals and in The New York Times Book Review, New York Review of Books, Atlantic Monthly and New Republic.

McPherson has received the Proctor and Gamble faculty fellow (1964-65), a Guggenheim fellowship (1967-68), a National Endowment for the Humanities junior fellowship (1967-68) and a National Endowment for the Humanities fellowship (1977-78).

He earned a bachelor's degree from Gustavus Adolphus College in 1958 and a doctorate from Johns Hopkins University in 1963. In graduate school, he was both a Woodrow Wilson fellow and a Danforth fellow.

For more information on the lectures, call 935-5285 or visit the Assembly Series Web page (<http://wupa.wustl.edu/assembly/>).

"Mishima" • Mathematics Larry Fest • Heads or Tails • Icelandic Genes

"University Events" lists a portion of the activities taking place at Washington University April 6-18. Visit the Web for expanded calendars for the School of Medicine (medschool.wustl.edu/events/) and the Hilltop Campus (cf6000.wustl.edu/calendar/events/).

Exhibitions

"First Year MFA Exhibition." April 6 through April 15 (reception, 6 p.m., April 6). WU School of Art's Graduate Program. Des Lee Gallery, University Lofts bldg., 1627 Washington Ave. 621-3703.

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

"St. Louis PRINTMARKET" 10 a.m. to 5 p.m., April 7 and 8. Cost: \$5, \$2 for students. (Special preview, 6-9 p.m. April 6. Cost: \$50, \$35 for those under age 35.) Gallery of Art. 505-8431.

Film

Tuesday, April 10

6 p.m. Chinese Film Series. "Shower." Room 219 Ridgley Hall. 935-5156.

Tuesday, April 17

6 p.m. Japanese Film Series. "Mishima." Room 219 Ridgley Hall. 935-5156.

Wednesday, April 18

6 p.m. Near Eastern Film Series. "Devarim." Room 219 Ridgley Hall. 935-5156.

Lectures

Friday, April 6

9:15 a.m. Pediatric Grand Rounds. "The Persistent Problem of RDS in Newborns - No Longer Just a Lack of Surfactant." Aaron Hamvas, assoc. prof. of pediatrics, newborn medicine div. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar. "Structural Insights Into the Process of Bacterial Infection." Gabriel Waksman, prof. of biochemistry and molecular biophysics. Room 426 McDonnell Medical Sciences Bldg. 747-4233.

Notice

The Second T.S. Eliot Lecture, "Transatlantic Relations: Breakers Ahead" by Sir Oliver Wright scheduled for April 19, has been canceled. The University is attempting to reschedule the event.

3:30 p.m. Show-me analysis seminar.

Various speakers. Sponsored by the mathematics dept. Room 114 General Classroom Bldg., U. of Mo., Columbia (dinner included). To register, call 935-6760.

4 p.m. Neuroscience seminar (student organized). "Gears That Link the Proliferation Machine and the Differentiation Machine in Developing Retina." William Harris, anatomy dept., Cambridge U. Cori Aud., 4565 McKinley Ave. 362-7043.

4 p.m. East Asian Studies lecture. Annual Stanley Spector Memorial Lecture on East Asian History and Civilization. "Democracy From the Bottom Up: The Virtues of Political Conflict in Korea and East Asia." Bruce Cumings, the Norman and Edna Freehling Prof. of History, U. of Chicago. Room 162 McDonnell Hall. 935-4448.

6 and 8:30 p.m. Travel Lecture Series. "The Truly Great, Great Lakes." Jim McDonald. Cost: \$5. Sponsored by Washington University Assoc. Graham Chapel. 935-5212.

Saturday April 7

8:45 a.m. Mathematics Larry Fest. Various topics and speakers. (Also April 8, 9 a.m.) Room 199 Cupples I Hall. 935-6760.

Monday, April 9

Noon. Lung biology conference. Beth Kozell, predoctoral fellow, pulmonary and critical care medicine div. Room 801 Clinical Sciences Research Bldg. 362-8983.

Noon. Neurology and neurological surgery research seminar. "Glutamate, GABA, and the Fetal Alcohol Syndrome." John W. Olney, the John P. Feighner Prof. of Neuropsychopharmacology. Schwartz Aud., first floor, Maternity Bldg. 362-7379.

Noon-1 p.m. Work, Families and Public Policy Brown Bag Seminar Series. "If We Raise It, Will They Come?" Timothy McBride, U. of Mo., St. Louis. Room 300 Eliot Hall. 935-4918.

4 p.m. Biology seminar. "Non-coding RNAs, X Chromosome Recognition and Dosage Compensation in Drosophila." Mitzi Kuroda, Baylor College of Medicine, Houston. Room 322 Rebstock Hall. 935-5348.

4 p.m. Immunology Research Seminar Series. "Regulation of T Cell Responses by ICOS/B7h Costimulation." William C. Sha, molecular and cell biology dept., U. of Calif., Berkeley. Eric P. Newman Education Center. 362-2763.

7 p.m. Architecture Monday Night Lecture Series. Craig Barton and Maurice Cox, assoc. profs. of architecture, U. of Va., and principals of RBGC Architects. Steinberg Hall Aud. (reception 6:30 p.m., Givens Hall). 935-6200.

Tuesday, April 10

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Cellular and Molecular Determinants of the Host: Fungal Pathogen Interaction." Bruce S. Klein, prof. of pediatrics, U. of Wis. Cori Aud., 4565 McKinley Ave. 362-2742.

4 p.m. Anesthesiology research seminar. "Photolabeling of Neurosteroid Binding Sites." Alex S. Evers, the Henry Eliot Mallinckrodt Prof. and Head of Anesthesiology Dept., prof. of medicine and of molecular biology and pharmacology. Room 5550 Clinical Sciences Research Bldg. 362-8560.

Wednesday, April 11

11 a.m. Assembly Series. The Women's Society Adele Starbird Lecture. Meave Leakey, head, paleontology div., National Museums of Kenya. Graham Chapel. 935-5285.

Thursday, April 12

Noon-1 p.m. Genetics seminar. "Mapping Genes in Iceland." Augustine Kong, DeCODE Genetics, Iceland. Room 823 McDonnell Medical Sciences Bldg. 362-2062.

4 p.m. Assembly Series. The Thomas D. Fulbright Lecture in History. James McPherson, Pulitzer Prize-winner, Civil War historian and prof. of American history, Princeton U. Co-sponsored by Phi Beta Kappa, Sigma Xi and the Council of Students of Arts & Sciences (CSAS). Graham Chapel. 935-5285.

5 p.m. Vision Sciences Seminar Series. "Morphological and Electrophysiological Evidence for an iGABA Receptor of Novel Pharmacology in the Retina." Carmelo Romano, assoc. prof. of ophthalmology and visual sciences and asst. prof. of anatomy and neurobiology. East Pavilion Aud., Barnes-Jewish Hosp. Bldg. 362-5722.

8 p.m. The Writing Program Spring Reading Series. Ellen Bryant Voigt, visiting Fannie Hurst Prof. of Creative Literature, will read from her work. Hurst Lounge, Room 201, Duncker Hall. 935-7130.

Friday, April 13

9:15 a.m. Pediatric Grand Rounds. The Ben Abelson Memorial Lecture. "Overexpression of Hypoxia-inducible Factor 1 in Human Cancer: Mechanisms and Consequences." Gregg L. Semenza, prof. of pediatrics, Inst. of Genetic Medicine, The Johns Hopkins U. School of Medicine. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Mathematics analysis seminar. Mike Jury, graduate student, mathematics dept. Room 199 Cupples I Hall. 935-6760.

Noon. Cell biology and physiology seminar. "Biogenesis of the Golgi Apparatus." Graham B. Warren, cell biology dept., Yale U. School of Medicine. Room 426 McDonnell Medical Sciences Bldg. 362-6060.

4 p.m. Anatomy and neurobiology departmental seminar. Mark E. Warchol, research asst. prof. of anatomy and neurobiology and of otolaryngology, Central Inst. for the Deaf. Room 928 McDonnell Medical Sciences Bldg. 362-7043.

Monday, April 16

Noon. Lung biology conference. "What Can We Learn From Yeast and Epithelial Cells About the Role of CD30 in Primary T Cells and Lymphoid Tumors?" Robert Arch, asst. prof. of medicine and instructor in pathology. Room 801 Clinical Sciences Research Bldg. 362-8983.

Noon. Molecular biology and pharmacology seminar. "Why Neurons Die in Inherited Retinal Degenerations: The One Hit Model." Roderick R. McInnes, prof. of pediatrics and molecular and medical genetics, U. of Toronto. Room 3907 South Bldg. 362-2725.

4 p.m. Biology seminar. "Heads or Tails? Amphioxus and the Evolution of Anterior-posterior Patterning." Linda Holland, Marine Biology Research Div., Scripps Institution of Oceanography, U. of Calif., San Diego. Room 322 Rebstock Hall. 935-4467.

4 p.m. Condensed matter/materials and biological physics seminar. "Hydrogen in Metals: A Simple Yet Complex System." Mei-Yin Chou, prof. of physics, Ga. Inst. of Technology, Atlanta. Room 241 Compton Hall (coffee 3:45 p.m.). 935-6276.

4 p.m. Immunology Research Seminar Series. "The Role of TNF Family Members in Pathogenesis and Control of Demyelinating Disease." John H. Russell, prof. of molecular biology and pharmacology. Eric P. Newman Education Center. 362-2763.

Tuesday, April 17

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Genetic Interference by Double-stranded RNA in *Trypanosoma brucei*." Elisabetta Ullu, assoc. prof. of internal medicine infectious diseases, Yale U. Cori Aud., 4565 McKinley Ave. 362-7258.

12:05-12:55 p.m. Program in Physical Therapy seminar. "Evaluation of Nerve Compression." Chris Novak, research assoc. prof. of plastic and reconstructive surgery div. Classroom B114, 4444 Forest Park Blvd. 286-1404.

4 p.m. Bioorganic Chemistry Seminar Series. "Design, Synthesis and Mechanism of Enzyme Inhibitors." Richard Silverman, prof. of chemistry, Northwestern U. Room 3907 South Bldg. 362-3363.

4 p.m. Pain Center seminar. "Molecular Signalling Pathways for Central Synaptic Plasticity." Michael Salter, senior scientist, prof., Hospital for Sick Children, U. of Toronto. Room 5550 Clinical Sciences Research Bldg. 362-8560.

7 p.m. Architecture Lecture Series. Bradley Burke, architect, Studio E Architects, San Diego. Co-sponsored by WU School of Architecture and Grand Center, Inc. Steinberg Aud. 935-6500.

8 p.m. The Writing Program Spring Reading Series. Graduate students in the Master of Fine Arts in Writing Program will read from their work. Hurst Lounge, Room 201, Duncker Hall. 935-7130.

Wednesday, April 18

10 a.m. Center for Mental Health Services Research Seminar Series. "Developing and Coordinating the National Consumer-operated Services Multisite Research Initiative." Matthew Johnsen, assoc. prof. Center for Mental Health Services Research, U. of Mass. Medical School, Worcester. Room 205 Brown Hall. 935-5687.

4 p.m. Biochemistry and molecular biophysics seminar. "Protein Motions and Folding Characterized by NMR Spectroscopy." Arthur G. Palmer, assoc. prof. of biochemistry and molecular biophysics, Columbia U., N.Y. Erlanger Aud., McDonnell Medical Sciences Bldg. 362-0261.

4 p.m. Mouse genetics conference. "Role of Apolipoproteins in Alzheimer's Disease: Insights From Mouse Models." David M. Holtzman, assoc. prof. of molecular biology and pharmacology and of neurology and neurological surgery. Room 9941 Clinical Sciences Research Bldg. 362-8983.

Music

Saturday, April 7

8 p.m. Senior honors recital. Rahnjini Mahinda, soprano, accompanied by Hanry

Palkes, piano. Graham Chapel. 935-5581.

Monday, April 16

8 p.m. Music Dept. concert. WU Flute Choir. Jan Smith, dir. Women's Bldg. Lounge. 935-4841.

Wednesday, April 18

8 p.m. WU Jazz Band concert. Chris Becker, dir. Holmes Lounge, Ridgley Hall. 935-4841.

On Stage

Friday, April 6

8 p.m. PAD Spring Mainstage production. "The Darker Face of the Earth." Rita Dove. (Also April 7, same time, and April 8, 2 p.m.) Cost: \$12, \$8 WU faculty, staff, students and senior citizens. Edison Theatre. 935-5858.

Sports

Friday, April 6

3:30 p.m. Women's tennis vs. Principia College, Elsah, Ill. Tao Tennis Center. 935-5220.

Tuesday, April 10

4 p.m. Women's tennis vs. McKendree College, Lebanon, Ill. Tao Tennis Center. 935-5220.

Wednesday, April 11

5 p.m. Men's tennis vs. U. of Mo., Rolla. Tao Tennis Center. 935-5220.

Monday, April 16

4 p.m. Men's tennis vs. Saint Louis U. Tao Tennis Center. 935-5220.

4 p.m. Women's softball vs. Westminster College, Fulton, Mo. Softball Field. 935-5220.

Wednesday, April 18

4 p.m. Women's softball vs. Millikin U., Decatur, Ill. Softball Field. 935-5220.

Worship

Friday, April 6

11:15 a.m. Catholic Mass. (Followed by meatless soup lunch.) Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

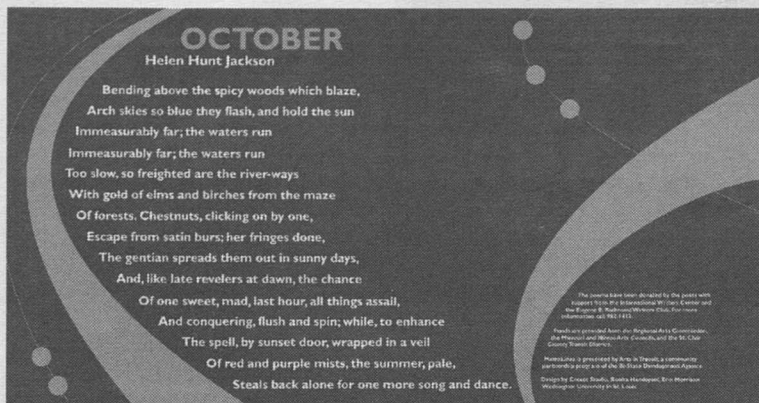
Sunday, April 8

11 a.m. and 9 p.m. Palm Sunday Catholic Mass. Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Noon-8:30 p.m. Silent Eucharistic Adoration. Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Thursday, April 12

7 p.m. Holy Thursday Mass. Catholic



School of Art seniors Erin Morrison and Bonita Handayani recently created a new graphic look for the MetroLines Poetry Program, which brings the work of Missouri and Illinois writers to MetroLink cars and Bi-State buses. "October," by Helen Hunt Jackson (1830-1885) is one of 12 poems that will go on view in the next year.

MetroLines Poetry Program gets new look thanks to art students

By LIAM OTTEN

The MetroLines Poetry Program, which brings the work of St. Louis-area poets to the region's mass transit systems, is getting a new look this year thanks to two senior graphic communications majors from the University's School of Art.

Erin Morrison and Bonita Handayani — working as part of Create Studio, the school's student-run graphic design shop — have created new designs for the MetroLines posters, which appear in MetroLink cars and Bi-State buses throughout the area. The pair created four different designs, which relate to one another through a similar use of bright colors and strong, curvilinear graphics.

"MetroLines has proven to be enormously popular, both among our riders and contestants," said Jennifer Strayer, public arts program manager for Bi-State Development Agency's Arts in Transit, which administers MetroLines in conjunction with the University's International Writers Center (IWC) in Arts & Sciences and the Eugene B. Redmond Writers Club. "The new designs by Erin and Bonita are a terrific addition; with their bold color combinations and dynamic compositions, they will surely help attract new audiences."

Lorin Cuoco, interim director of the IWC, said, "Erin and Bonita's elegant, curving designs solve an old dilemma for us, which is how to present the long poem. This is exactly what you hope for — that the designer will be able to take your problems and make something beautiful from them."

"The poems are all different, so we came up with an abstract template that would go with anything," Morrison said. "I think

it's pretty eye-catching — a little different from the regular advertisements."

The new design debuts in June, featuring winners of the annual MetroLines Poetry Contest. The contest, which continues to accept submissions through the end of next week, is open to Missouri or Illinois residents living within a 100-mile radius of St. Louis. Categories are for ages 11 and under, 12-17, and 18 and above — with first-place prizes of \$50, \$75 and \$100, respectively.

Applicants should submit one unsigned poem of up to 14 lines on an 8 1/2" x 11" sheet of paper, with a separate page listing their name, age, address, phone number and the poem's title. Submissions should be mailed to the International Writers Center,

Washington University, Campus Box 1071, St. Louis, MO 63105-2161, and must be postmarked by April 13. Winners will be announced in the June issue of the St. Louis Literary Calendar. For more information, call Arts in Transit at

982-1413.

"We average about 500 submissions each year," Cuoco said. "The range is wide, from young children and first-time writers to published poets. It's about the best exposure a writer could hope for because there is the potential for having your poem seen by tens of thousands of riders."

Begun in 1994, MetroLines posts a total of 12 poems each year, unveiling a new trio every three months. Aside from the contest winners, which traditionally launch the new season, selections generally include a work by a Missouri poet, an Illinois poet and a poet whose work is in the public domain.

ments (NAQT) Intercollegiate Championship Tournament. (Also April 7, 8:45 a.m.) Div. I Eads and Cupples I Halls and Div. II Prince and Simon Halls. Registration, Room 100 Brown Hall. 935-1874.

Saturday, April 7

9 a.m. Annual Physical Therapy Run for Research. 5K run/one-mile walk. Cost: \$12 (before April 1) and \$15 (after April 1). Upper Muniy Parking Lot, Forest Park, St. Louis. 361-3525.

10:30 a.m. Dance program class. "Baris Tungal." Carlos Fittante, dance instructor. Cost: \$15 Annelise Mertz Dance Studio. To register, call 935-5858 (by March 30).

Monday, April 9

5-7 p.m. Occupational Therapy open house. Lobby, 4444 Forest Park. 839-1015.

Tuesday, April 17

7 p.m. Hillel at Washington University. Annual meeting. 6300 Forsyth Blvd. (reception following). 935-9040.

Poet Ellen Bryant Voigt to read for Writing Program

Poet Ellen Bryant Voigt, the visiting Fannie Hurst Professor of Creative Literature at the University for the month of April, will read for the Writing Program Reading Series at 8 p.m. Thursday.

The reading, sponsored by the Writing Program in Arts & Sciences, is free and open to the public and will be in Hurst Lounge, located in Room 201, Duncker Hall. A book signing will follow, and copies of Voigt's work will be available for purchase.

In addition, Voigt will lead a colloquium on the craft of poetry at 8 p.m. April 19, also in Hurst Lounge.

"Ellen Bryant Voigt is one of our most consistently graceful and stringent poets, reminding us that if poetry is music, it is also unflinching thought and vision," said Carl Phillips, professor of English in Arts & Sciences and director of the Writing Program. "We are very honored to have her



Poetry Reading

WHO: Poet Ellen Bryant Voigt

WHERE: Hurst Lounge, Room 201 Duncker Hall

WHEN: 8 p.m. Thursday

TICKETS: Free & open to the public

here as our Hurst Professor for April."

Voigt is the author of five volumes of poetry — "Claiming Kin" (1976), "The Forces of Plenty" (1983), "The Lotus Flowers" (1987), "Two Trees" (1992) and "Kyrie" (1995), the latter of which was a finalist for the National Book Critics Circle Award. She has also released two books of essays, "Poets Teaching Poets: Self and the World" (1996) and "The Flexible Lyric (The Life of Poetry)" (1999), and her work has been featured

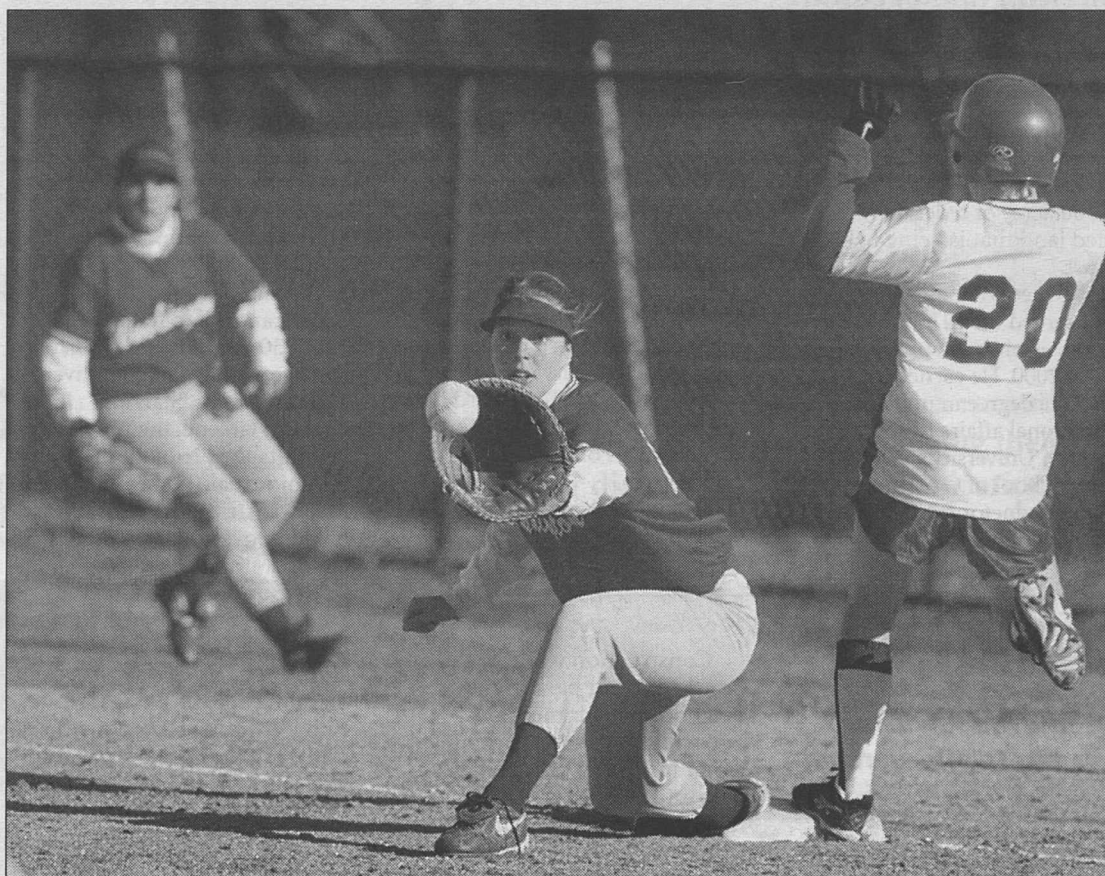
in numerous anthologies, including "Best American Poetry" and "The Norton Anthology of Poetry."

Currently serving a

four-year term as the State Poet of Vermont, Voigt has received fellowships from the National Endowment for the Arts, John Simon Guggenheim Foundation and Lila Wallace/Reader's Digest Foundation. She also has received two Pushcart Prizes as well as awards from the American Academy of Arts and Letters, The Fellowship of Southern Writers and many others.

For more information about the reading or the colloquium, call 935-7130.

Sports



Bears senior first baseman Anne Gregory stretches for a throw in a March 27 game against Maryville University. Junior right fielder Emily Vambaketes backs up the play. WU split a double-header with Maryville, winning the opener, 4-1, but losing the finale, 7-1.

Track & field competes in Memphis

The men and women of Washington University track and field competed Saturday in the Big Cat Classic, hosted by NCAA Division I University of Memphis (Tenn.). While no team scoring was kept, several individual performances stood out for the Bears.

On the women's side, Valerie Lasko grabbed an eighth-place finish in the 400-meter dash, finishing in 59.94 seconds. Mindy Kuhl finished seventh in the 1,500 meters, while the Bears continued to show prowess in the long-distance events, with senior Susan Chou (18:14) and freshman Emily Lahowetz (18:16) finishing fourth and fifth, respectively, in the 5,000 meters. Suzy Ramsey was particularly impressive, finishing seventh in the 100-meter hurdles and ninth in the 400-meter intermediate hurdles.

For the men, WU dominated the distance events by placing five runners in the top 12 of the 1,500-meter run and four in the top seven in the 3,000-meter steeplechase. Twin brothers Justin (10:05.82) and Jeremy (10:08.08) Mikecz finished fourth and fifth, respectively, in the steeplechase.

Women's tennis tops Wheaton, stands at 8-1

An 8-1 win over Wheaton College Saturday improved WU women's tennis team's record to 8-1. Jenny Stein won at No. 1 singles, 6-4, 6-1, and Nandini Chaturvedula won, 6-2, 6-1, at No. 2. Sophomore Steph Cook came back from a first-set loss to win, 5-7, 6-2, 7-5. In doubles, Kat Copiozo and Rathi Many squeaked out a nail-biter, winning 9-8 (2) in No. 2 doubles.

Men's tennis goes 2-1 over weekend

A three-match road trip for the Bears resulted in two wins and several fine individual performances by the men's tennis team. The Bears came away with a 7-0 victory over Hope College in Holland, Mich., March 30, but that was followed by a 6-1 loss to national power Kalamazoo College Saturday. The Bears rebounded by defeating Principia College, 7-0, Sunday. Freshman Derek Everett shut out his opponent, 6-0, 6-0. WU is 10-5 on the season.

On the Internet

For sports schedules and additional results, log on <http://bearsports.wustl.edu>.

Three wins level baseball's record

After falling to 7-10 on the season, the Bears strung together three straight wins to get back to the .500 mark. The streak started with a 6-4 win vs. Westminster College March 27. The Bears were trailing 4-0 entering the bottom of the seventh inning but rattled off six runs for the win. The Bears then swept visiting Eureka College, 12-1 and 14-10, Sunday.

Softball bounces back with sweep

WU's softball team performed admirably in its own WU First Annual Region Tournament, despite dropping all five of its games to some of the toughest competition in NCAA Division III. The Bears traveled Tuesday to Carlinville, Ill., for a doubleheader against Blackburn College and came away with a 1-0 win in the first game. Sophomore center fielder Kate Gase lashed a home run and classmate Liz Smith went the distance, picking up her first shutout of the season, striking out four and allowing just four hits. WU took the second game, 5-1, led by Jen Hiller's 4-for-4 performance. WU is now 12-13 on the season.

Student Center, 6352 Forsyth Blvd. 935-9191.

Friday, April 13

7 p.m. Good Friday Service. Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Saturday, April 14

8 p.m. Easter Vigil Mass. Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Sunday, April 15

11 a.m. Easter Sunday Catholic Mass. (No 9 p.m. Mass.) Graham Chapel. 935-9191.

And more...

Friday, April 6

5 p.m. National Academic Quiz Tourna-



MARY BURTON

And they're off! A pack of 260 runners bursts from the starting line at the 14th annual Thurtene 5K Road Race on March 31 in Forest Park. The race was a prelude to Thurtene Carnival, the oldest and largest student-run carnival in the United States, to be held April 21-22 in the North Brookings Hall parking lot. All proceeds from the race benefited the Thurtene's honorary 2001 charity, the Make a Difference Center of St. Louis.

Awareness

American Indian culture featured in special week
— from Page 1

43.5 million acres of tribally owned land, 10 million acres of individually owned land and 417,000 acres of federally owned land that is being held in trust.

A Pawnee tribe member, Gover served the BIA under the Clinton administration from 1997 to 2000. He earned a bachelor's degree in public and international affairs from Princeton University's Woodrow Wilson School of Government and a juris doctor from the University of New Mexico

School of Law. After law school, he specialized in environmental, natural resource, federal Indian and housing law. After his BIA post, he returned to private practice, specializing in American Indian law.

The American Indian Awareness Week events, which are free and open to the public, will culminate with the 11th annual Pow Wow from noon-10 p.m. April 14 at the University Field House and Francis Field. The Pow Wow includes American Indian trading booths, arts, crafts, music, food and a dance contest, expected to draw tribal dancers from throughout the Midwest. The gourd dance will be showcased at noon and grand entries of dancers will be at 1 and 6 p.m.

Other events throughout the week are:

- 11 a.m.-1 p.m. Tuesday, Brown Lounge, traditional American Indian storytelling. Dolores Santha, a national storyteller for the Seneca and Comanche tribes, will share traditional stories and teachings.

- Noon Wednesday, Goldfarb Student Commons, American Indian food tasting. Students and staff of the Buder Center and the American Indian Student Association will sponsor a sampling of traditional and contemporary American Indian foods.

- 7:30 p.m. Thursday, Brown Lounge, film "Medicine River" and discussion. Starring Graham Greene, the movie recounts the life of an Indian photojournalist taken hostage in Malawi, Africa. After his release, he rediscovers his native roots in Canada.

- Noon April 13, Goldfarb Student Commons, American Indian social work school alumnus guest speaker Michael Standing Soldier (Akicita Najin), M.S.W. He is a member of the Oglala Lakota tribe and will speak on strengthening the Oglala Lakota community through traditional healing methods. He also is a member of 7 Council Fires, a band of the Oceti Sakowin Nation.

For more information on the week's events, call 935-6288 or 935-4510, or visit <http://gwb.web.wustl.edu/Users/Buder/awareness.html>.

PRINTMARKET

Top dealers bring work to Gallery of Art today
— from Page 1

of antique posters.

Tobai International (Chicago) returns with a selection of contemporary Asian works as John Bradley (New York) offers a wide variety of Japanese woodblock prints. Aaron Galleries (Chicago), Kodner Gallery (St. Louis) and Richard Reid Armstrong Fine Art (Chicago) showcase 19th- and 20th-century European and American prints, drawings and photographs.

Contemporary art devotees can find a wide selection of works-on-paper by a host of modern masters. Dealers include Atrium Gallery (St. Louis), the Jeff Hartz Gallery (St. Louis), Vivian Kiechel Fine Art (Lincoln, Neb.), Burton Marinkovich Fine Art (Washington, D.C.), Marlborough Prints (New York), Dolan Maxwell (Philadelphia), Pegram Harrison Fine Art (Bloomington, Ind.), William Shearburn Gallery (St. Louis), Elliot Smith Contemporary Art

(St. Louis), the Stein Gallery (St. Louis) and Stevens Fine Art (Phoenix).

Rounding out the 2001 PRINTMARKET is the University's own Island Press, featuring large-scale prints and one-of-a-kind works by nationally renowned visiting artists and by faculty and students from the School of Art.

PRINTMARKET proceeds go to support the University's Gallery of Art. Past profits have funded the acquisition of new artworks and helped to under-

write nationally recognized exhibitions.

Mark S. Weil, Ph.D., the E. Desmond Lee Professor for Collaboration in the Arts and director of the gallery, said the gallery is looking forward to hosting the

assemblage of art enthusiasts for the 12th year.

"PRINTMARKET is a must for anyone interested in the visual arts," Weil said. "The quality and variety of work presented is outstanding, making it a show that is unparalleled in the Midwest. It is truly one of the best print shows in the nation, and we are delighted to be associated with it and to benefit from it."

For more information about either general hours or the preview event, call 505-8431.

PRINTMARKET

WHERE: University's Gallery of Art

WHEN: Special preview 6-9 p.m. today; 10 a.m.-5 p.m. Saturday and Sunday

COST: \$5 general admission, \$2 students; \$50 preview, \$35 those under 35

Building

Old Talayna's structure gives way to offices, retail
— from Page 1

and retail space," said Tim Tucker, Parkview Neighbors resident and WU Neighbors' Council member.

While there will be some disruption to neighboring areas, the University is committed to keeping the inconvenience to a minimum.

Construction workers will be asked to not park in the neighboring communities and will be assigned parking either in a newly constructed interim University parking lot on the southwest corner of Forest Park Parkway and Skinker or at West Campus.

Staging for the project will take place on-site or on other University property. In addition, the contractor will be required to keep area streets swept to help control dust and dirt.

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

Sr. Research Assistant/Jr. Research Associate 000297

Research Assistant 000341

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

Administrative Assistant 010209

Project Manager 010210

Senior Prospect Researcher 010213

Network Engineer 010222

Phone Operator 010223

Associate Director of Foundation Relations 010227

Senior Compliance Auditor 010229-30

Associate Director, Annual Giving Programs 010231

Construction Accounting Assistant II 010234

Senior Prospect Researcher 010236

Reference/Subject Librarian (Psychology) 010241

Reference/Subject Librarian (German) 010242

Coordinator, Alumni & Student Marketing & Relations 010245

Administrative Secretary 010246

Administrative Aide 010247

Assistant General Counsel 010248

Administrative Coordinator 010249

Research Technician 010250

Residential College Director 010251-53

Receptionist 010256

Administrative Assistant I 010259

Administrative Assistant II 010261

Program Coordinator Assistant 010262

Assistant Accountant 010263

Police Service Aide 010265

Partners in Education W/Parents Processor 010267

Research Assistant 010268

Student Union Business Manager 010269

Research Technician 010271

Shuttle Coordinator 010272

Admissions Officer 010274

Executive Assistant 010275

Director III 010276

Data Entry Processor (part time) 010278

Site Operator/Technician 010279

Associate Vice Chancellor 010280

Assistant Intramural Director 010281

Administrative Assistant 010283

Secretary/Receptionist 010284

Public Service Coordinator 010286

Administrative Assistant 010287

Japanese Catalog Librarian/Subject Librarian 010288

Purchasing and Receiving Assistant 010289

Catalog Librarian 010290

Administrative Assistant, Editorial Office 010291

Assistant to the Editor/Assistant to the Chair (part time) 010292

Marketing and Communications Manager 010293

Support Services Assistant 010294

Administrative Coordinator 010296

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 resumes to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, MO 63110, or call 362-7196.

Statistical Data Analyst 010553

Secretary III 010773

Research Patient Coordinator 010883

Payroll Assistant 010981

Animal Care Technician (weekends only) 011008

Research Technician I (part time) 011152

Senior Departmental Accounting Assistant 011192

Business Manager 011232

Medical Secretary II (part time) 011275

Medical Assistant II 011279

Campus Watch

The following incidents were reported to University Police **March 28-April 3**. 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.

March 29

2:47 p.m. — A student stated that between 5 p.m. March 9 and 6 p.m. March 18 an unknown person stole a Nintendo 64 game unit from Room 400 in Lopata Hall. A search of the area by the student was unsuccessful. Total loss is valued at \$180.

March 30

11:01 a.m. — An administrator for custodial services stated that at 6:16 a.m. March 30, a Spann worker entered Graham Chapel and found that an unknown person vandalized the interior of the building. The chapel was cleaned with no visible damage observed. An attempt to locate witnesses or suspects was unsuccessful. An investigation is continuing.

April 1

6:47 p.m. — A student stated that while his vehicle was parked overnight on lot 20, an unknown person spray-painted the hood of his vehicle with gold spray paint. Total damage is valued at \$500.

April 2

12:38 p.m. — A student stated that at 3 p.m. March 26 he put his backpack on the floor beside a table in Mallinckrodt Student Center and went to the food court. When he returned to the table his backpack was missing. A search of the area was unsuccessful. Total loss is valued at \$200.

University Police also responded to five additional reports of theft, four additional reports of vandalism, one report of an automobile accident and one report of a false identification.

Notables

Of note

Ramaswamy Govindan, M.D., assistant professor of medicine at the School of Medicine, was honored with the American Society of Clinical Oncology's Career Development Award. Govindan received the award for his study of Barrett's esophagus and its linkage to esophageal cancer. Govindan hopes to use a painkiller, celcoxib, to inhibit an enzyme that may be involved in cancer development in the esophagus. ...

Mark R. Moon, M.D., associate professor of cardiothoracic surgery at the School of Medicine, has received a \$60,000 grant from the Thoracic Surgery Foundation for Research and Education. Moon will be studying the pathophysiology and treatment of chronic pulmonary hypertension, and he and his research will be highlighted in the Thoracic Surgery Foundation's publications throughout the two-year grant. ...

Cynthia Weese, FAIA, dean of the School of Architecture, recently served on the American Institute of Architects (AIA) Jury of Fellows. The jury, which met for five days in Washington, D.C., elected approximately 100 new fellows, the highest membership honor an AIA architect can receive, bestowed in recognition of significant contributions to architecture and to society on a national level. ...

Thomas E. Read, M.D., assistant professor of surgery and surgery coursemaster for third- and fourth-year medical students in the School of Medicine, has received the 2001 Association for Surgical Education Outstanding Teaching Award. This award honors individuals in surgical education considered by their chairman, peers, residents and students to be outstanding educators in the surgical arena. ...

John C. Morris, M.D., the Harvey and Dorismae Hacker Friedman Professor of Neurology and assistant professor of pathology in the School of Medicine, has been appointed editor in chief of the *Alzheimer Disease and Associated Disorders*

Journal. Morris also serves as the co-director of the Alzheimer Disease Research Center. ...

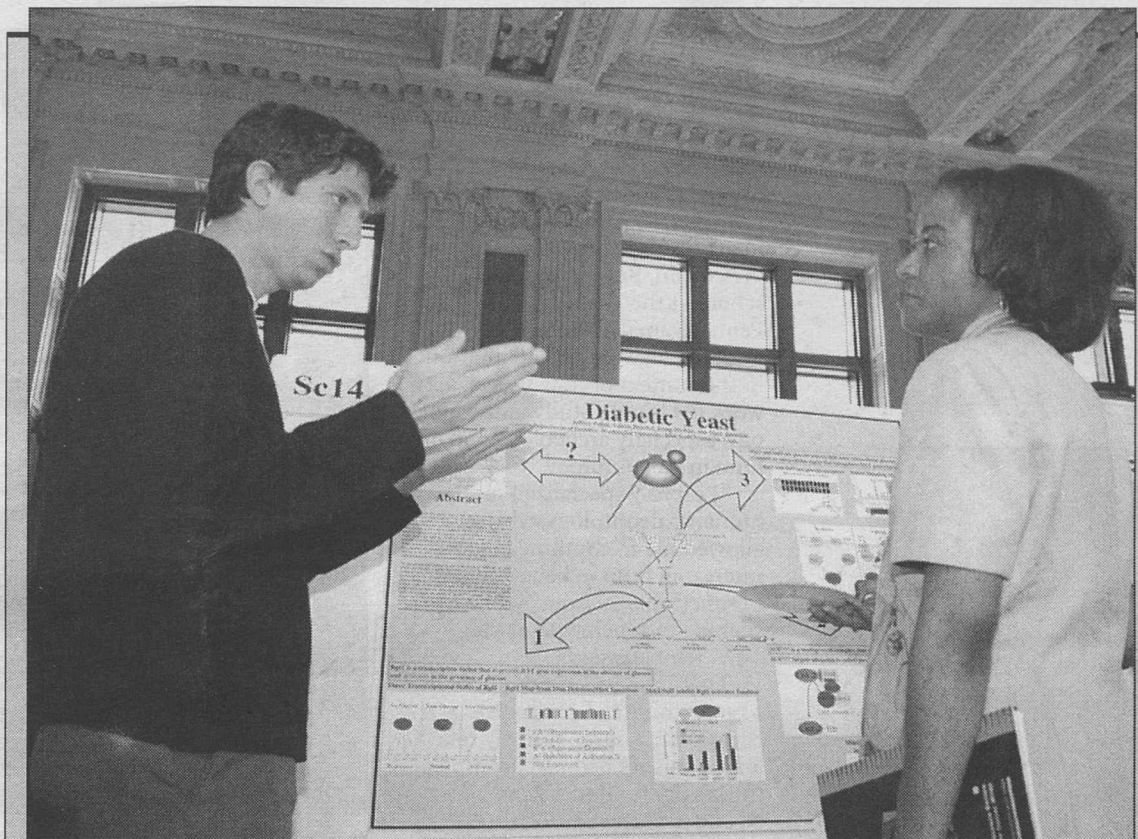
Lori Luchtman-Jones, M.D., assistant professor of pediatrics in the School of Medicine, has received a one-year, \$20,687 subcontract from Children's Hospital Research Foundation/Children's Hospital Medical Center for research titled "Outpatient Incentive Spirometry to Prevent ACS." ...

Barry Spiegel, M.D., professor of radiology in the School of Medicine, has received a one-year, \$64,548 subcontract from Endocyte Inc. for research titled "A Folate-Targeted TC 99M Radiopharmaceutical for Tumor Imaging." ...

Assaad Merchak, M.D., clinical fellow in pediatrics in the School of Medicine, has received a one-year, \$2,500 grant from the Southern Medical Association for research titled "The Effects of Mechanical Ventilation on Endogenous Surfactant Metabolism in Pre-term Infants with Respiratory Distress Syndrome." ...

Ron Newbold, officer with the Washington University Police Department, was one of 30 St. Louis-area police officers to graduate from the first Hate Crimes Law Enforcement training session sponsored by the U.S. Justice Department. During the weeklong course, the officers received specialized training in recognizing and responding to hate crimes. In addition, these officers are specially trained to train other officers as first responders to hate-crime incidents. The program was sponsored in part by the Anti-Defamation League. ...

Thalachallour Mohanakumar, Ph.D., the Jacqueline and William Maritz Professor of surgery and professor of medicine and pathology at the School of Medicine, has been chosen by the American Society of Transplantation to receive the 2001 Fujisawa Career Basic Science Award. This award honors investigators who have made substantial contributions to the field of transplantation medicine. The award carries with it a \$25,000 gift to the School of Medicine.



Meeting of the graduate minds Jeffrey Polish, graduate student in the Division of Biology and Biomedical Sciences in Arts & Sciences, discusses his project "Diabetic Yeast" with Trina Williams, doctoral student in the George Warren Brown School of Social Work, at the sixth annual Graduate Student Research Symposium March 24 in Holmes Lounge. Polish took third place in the sciences division. First-place winners were Robin Hermann, humanities, for "The Crisis of Coin in Early Modern England"; Keith Payne, social science, for "Race-based Misperception of Objects as Weapons"; Ruben Aya-Welland, professional programs, for "A Brief History of the Souland Farmer's Market"; and Indira Mysorekar, sciences, for "Molecular Regulators of the Host Bladder Response to Urinary Tract Infection."

Computer science nabs prestigious fellowships

By TONY FITZPATRICK

Two University computer science doctoral candidates — one an alum, the other a former exchange student from Stuttgart, Germany — have received prestigious fellowships from two different agencies.

Christine Julien, a Kansas City native who earned a bachelor's degree from the University in May 2000, has received a National Science Foundation (NSF) graduate research fellowship. An advisee of Catalin Roman, Ph.D., professor and chair of computer science, Julien will receive a stipend of \$18,000 per year for three years. In addition, NSF provides the cost of tuition and fees for Julien.

With the aid of the fellowship, Julien will be working on mobility, specifically algorithms, formal models and middleware for mobility. Julien works in the Mobile Computing Group in the computer science department.

Each year, NSF offers scholar-

ships to approximately 900 outstanding graduate students in the mathematical, physical, biological, engineering, and behavioral and social sciences.

Tilman Wolf, whose adviser is Jonathan Turner, Ph.D., Henry Edwin Sever Professor of Engineering and professor of computer science, has received an IBM Research Fellowship to support him for his dissertation. His thesis topic is "Design and Performance of a Scalable Gigabit Active Router," which addresses network processor design issues. Network processors attempt to process network traffic in software rather than in hardware, the traditional way. This provides flexibility and the possibility of deploying new protocols and services dynamically.

IBM provides Wolf tuition and fees plus a stipend of \$15,000 per year. The IBM fellowships are competitive awards given to outstanding

Ph.D. students researching areas of interest to IBM.

In his fourth year at the University of Stuttgart, Germany, Wolf came to Washington University as an exchange student in 1996-97 after receiving a Fulbright Scholarship, which gave him freedom to choose any university. Wolf chose the University because St. Louis is the sister city of Stuttgart. He knew many people in the St. Louis area, and he'd heard favorably of the University.

Wolf returned to Germany, earned a bachelor's degree and returned in fall 1998 to the University, where he earned a master's in computer science that December. He also earned a master's in computer engineering in August 2000.

"The reason I came back was that the Washington University computer science department has a really strong networking group and a very pleasant work environment," Wolf said.

Obituaries

Berthoff, 79, professor of history

Rowland T. Berthoff, Ph.D., emeritus professor of history, died March 25, 2001, at his home in University City of heart disease. He was 79.

A memorial service will be at 10 a.m. April 21 at First Presbyterian Church, 7200 Delmar Boulevard in University City.

Berthoff joined the University in 1962 as associate professor of history and was appointed the William Eliot Smith Professor of History in 1966. He served as department chair from 1968-74 and again in 1981-82. Berthoff helped design the University flag, which was flown at half-staff in his memory.

Berthoff was the author of several books, including "British Immigrants in Industrial America: An Unsettled People" and "Republic of the Dispossessed."

A native of Toledo, Ohio, Berthoff earned a bachelor's degree in 1942 from Oberlin (Ohio) College. He enlisted in the Army and attained captain's rank in World War II.

In 1952, he earned a doctorate from Harvard University and was awarded a Fulbright scholarship for research at the University of Wales after a year at the Institute

for Advanced Studies in Princeton, N.J. He was appointed to the faculty at Princeton University in 1953.

Survivors include his wife of 47 years, Tirzah Park Berthoff of University City; two sons, Thomas Berthoff of Ambler, Pa., and Andrew Berthoff of Toronto; two daughters, Clarissa Joyce of New York and Margaret Fernandes of Combs la Ville, France; one brother, Warner Berthoff of Concord, Mass.; and three grandchildren.

Memorial contributions may be made to CARE, 151 Ellis St. N.E., Atlanta, GA 30303; or Doctors Without Borders USA Inc., 6 East 39th St., 8th Floor, New York, NY 10016.

Norman Corah, 67, child psychologist

Norman L. Corah, a child psychologist on faculty at the University from 1960-65, died March 21, 2001, at his home in Williamsville, N.Y. He was 67. Known for pioneering studies of the fear of visiting the dentist, he retired in 1996 from University of Buffalo.

Zhang, Cytron receive \$1 million to examine NEST

Weixiong Zhang, Ph.D., and Ron Cytron, Ph.D., associate professors of computer science, have received a cooperative agreement totaling slightly more than \$1 million from the Defense Advanced Research Project Agency (DARPA) to solve problems in networked embedded systems (NEST).

These are small, "smart" devices, such as sensors, with information-processing software embedded within.

DARPA is the main research and development organization of the U.S. Department of Defense.

Embedded systems are becoming increasingly important in many areas, such as avionics, plant automation and weapons systems. They are basic building blocks of large networked embedded systems that will prevail in successful mechanical-electronic systems in the future.

But most existing systems cannot meet tight real-time requirements and have limited adaptation to environmental dynamics and changes within the systems. More importantly, embedded-system developers have limited experience and a small amount of tools for developing large systems, and they have no knowledge of how such a system will perform and behave in real-world applications.

Zhang and Cytron intend to address real-time performance

and adaptation challenges of the NEST program with innovative modeling, analysis and problem-solving techniques. They also will develop problem-solving algorithms that exploit features such as phase transitions.

In addition to analytical results and implemented algorithms, Zhang and Cytron intend to develop a software package of system-development tools and a software system for NEST applications.

The project will officially start in June and will last 40 months.

Hilltop faculty members receive tenure

The following Hilltop Campus faculty members have received tenure via promotion or appointment during the current school year.

Promotion with tenure
Pauline Kleingeld, Ph.D., to associate professor of philosophy in Arts & Sciences.

Shirley J. Dyke, Ph.D., to associate professor of civil engineering in the School of Engineering and Applied Science.

Randy L. Buckner, Ph.D., to associate professor of art history and archaeology in Arts & Sciences.

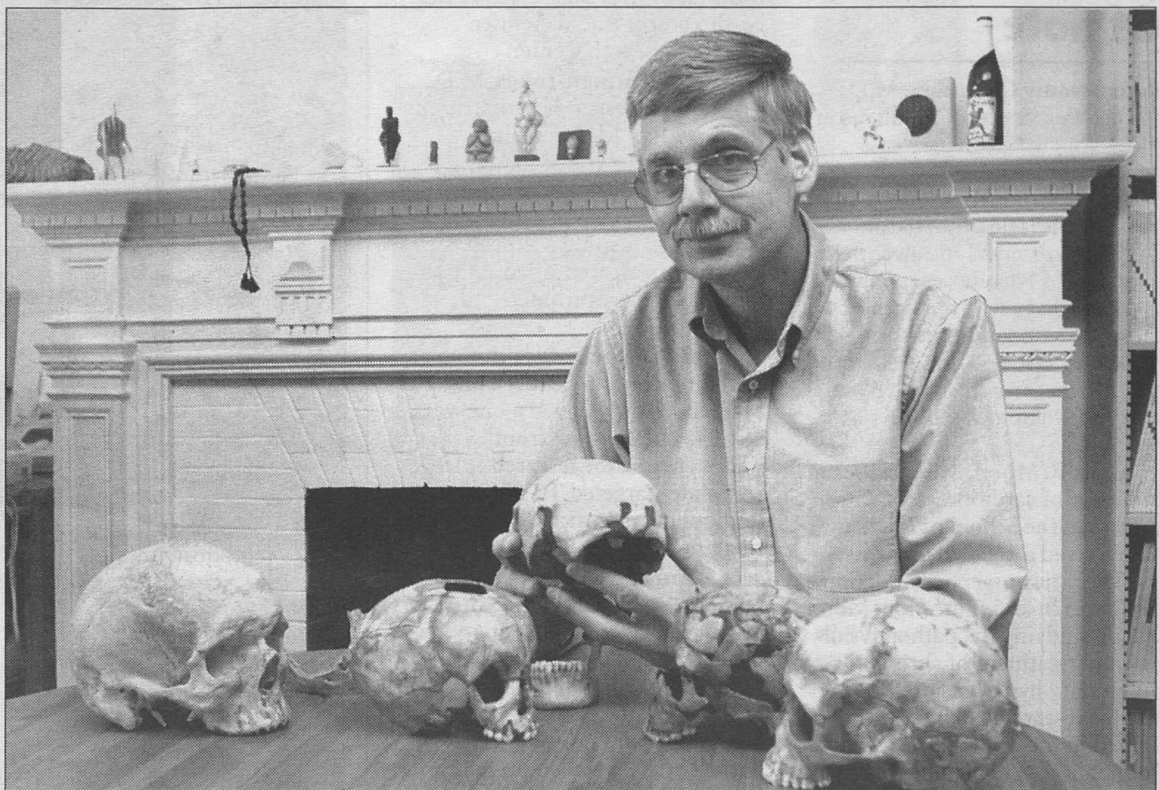
Washington People

Erik Trinkaus knows Neandertals. Trinkaus, Ph.D., professor of anthropology in Arts & Sciences, began his collegiate career in physics and ended by majoring in art history at the University of Wisconsin. But in graduate school at the University of Pennsylvania, his interest in human behavior and adaptation in the context of how things work led him to study anthropology, especially archeology and human paleontology.

"I rapidly specialized in human paleontology, which allowed me to combine my interest in human behavior and in functional anatomy while keeping in touch with archeology," Trinkaus said.

That interest led him initially to study human limb bones, because they more directly reflect an organism's behavior, completing his doctoral thesis on Neandertal feet in 1975.

"My friends had a heyday with that, saying, among other



Erik Trinkaus, Ph.D., an internationally known expert on Neandertal anatomy and professor of anthropology in Arts & Sciences, displays some replicas of Neandertal and early modern human skulls.

Unearthing our commonality with Neandertals

Erik Trinkaus, Ph.D., professor of anthropology in Arts & Sciences, is world-renowned for insights into modern humans' past

By DONNA KETTENBACH

things, that this was one of the more pedestrian theses," he joked.

Although his friends jested, little did they know Trinkaus' knowledge of Neandertal feet would lead him down a path to becoming "one of the world's leading experts on Neandertal anatomy," according to an article in last July's National Geographic magazine. The Neandertals were archaic humans in Europe and the Near East who immediately preceded modern humans across that region.

"Studying the feet of early humans leads to information on the evolution of human locomotion," Trinkaus said. "Since the feet connect with the ground, if you look at the feet in detail, they tell a lot more than other limb parts. And since locomotion is a key element of how these people made a living as hunters and gatherers, the feet provided a ground-up view into Neandertal adaptations."

While he completed his "pedal doctorate," Trinkaus joined Harvard University's department of anthropology and remained there as a junior faculty member until 1983. This led to a regular faculty position at the University of New Mexico, and being named a Regents' professor of anthropology in 1996.

"The Harvard position allowed me to get my career under way, but it was at New Mexico that my thoughts on the Neandertals and modern human origins first came together," he said.

But Washington University lured him away in 1997.

"I was delighted that he was moveable," said Richard J. Smith, Ph.D., chair of the anthropology department. "Erik has been a friend and colleague for 25 years. He's doing important work and attracting great students. He's brought excitement to our department — with the video and

news crews blocking the hall to interview him."

Trinkaus' reputation for solid work and interesting, if sometimes controversial, interpretations has reached the point where archeologists call him to work on newly discovered fossils, including some important recent finds in Europe and the Middle East. His first analysis of a fossil sample was 25 years ago, when he described the large collection of Neandertals from Shanidar Cave in Iraq. The resultant book on the sample helped establish his reputation in the field.

More recently, Trinkaus was invited to analyze a series of early modern human skeletons from 26,000-year-old sites in the Czech Republic, a 25,000-year-old child's skeleton in Portugal, and scattered remains from France. On the first two projects, he helped form an international team of specialists to analyze the fossil remains. With such international work, Trinkaus has been associated with the Université de Bordeaux for many years. All three of these projects involve both the paleontological descriptions of the remains and their interpretation in the broader context of the Neandertals and modern human origins.

Trinkaus works closely with University graduate students, involving them in his research.

"Erik is working on a lot of projects, but he is incredibly unselfish with his time, resources and lab," Laura Shackelford, a second-year anthropology graduate student, said of her adviser. As for his notoriety, she added, "If you read anything about Neandertals, you're bound to run into Erik Trinkaus."

Clearly, Trinkaus' research addresses some interesting questions.

"The question that emerged for me early on in my studies was, what was special about early modern humans that enabled them — or rather their biology — to replace Neandertals relatively rapidly about 30,000-40,000 years ago?" he said. "In the early part of my career, I thought that there had been major changes, but now, based on ongoing research, I know that these changes were very subtle."

This change in perspective came about from several lines of research. One of them involves biomechanically analyzing limb

remains of these past humans.

Other perspectives concern looking at aspects of the paleobiology, or functional anatomy, paleopathology and paleodemography of these peoples. It also includes approaches such as the accurate dating of specimens from around the time of the transition to early modern humans.

For example, in the fall of 1999, an international team of scientists including Trinkaus confirmed that Neandertals roamed central Europe as recently as 28,000 years ago, indicating thousands of years of coexistence between Neandertals and early modern humans.

"Those dates demonstrate that Neandertal disappearance was a slow and geographically mosaic process," Trinkaus said. "The differences between Neandertals and early modern humans in basic behavior and abilities must have been small and rather subtle."

When Trinkaus did his graduate work at Penn in the early '70s, the general view was that Neandertals were basically like us. This view has shifted to seeing them as quite distinct from us, and now back to perceiving them as closer to ourselves.

Yet, Neandertal studies can't escape controversy surrounding the origin of human beings. There is almost an obsession about whether Neandertals were our ancestors. Are we walking around with Neandertal genes? Trinkaus is not overly concerned.

"Many people don't want to be descended from anything less human than themselves, and this concern has been driving our perceptions of the Neandertals for over a century," he said. "Where our genes come from doesn't determine what we are as people, but knowing what happened 30,000 years ago when Neandertals and early modern humans met may shed some light on what it means to be 'human.'"

The study of modern human origins has been dominated recently by analyses of living human and Neandertal DNA, which purports to exclude Neandertals from our ancestry. Yet, Trinkaus said, "It's becoming increasingly obvious that all of the molecular data on modern humans and DNA from fossils will never tell us to what

extent Neandertals inbred with early modern humans — only whether we have Neandertals in our pedigree. But the fossils may shed some light."

Indeed, the 1998 discovery of the Portuguese child, an early modern human with some Neandertal features, supports some degree of inbreeding among the two groups. Invited by Portuguese colleagues, Trinkaus has been commuting to Portugal for two years to help with final excavation and to study the bones.

Despite the publicity surrounding the 1999 announcement of the Portuguese "love child," Trinkaus prefers to focus on who the Neandertals and early modern humans were as people.

"I focus on things that are reflections of behavior — what they did during their life spans," Trinkaus said. Looking at skeletons, he knows a particular bone's size and shape is modified by the individual's behavior, based on pattern and levels of activities. "For example, in studying teeth, we look at the amount and pattern of tooth wear — front vs. back — these are ways of getting at aspects of behavior, and the amount of change and different patterns vary from one group to the next."

But finds are few and far between — pieces of only 400 skeletons have been discovered.

"Samples are minuscule, so it is important to extract as much information as possible from the available remains," Trinkaus said.

When he's not studying Neandertal bones, Trinkaus enjoys working with his hands in other ways.

"I like shop work — handy-man stuff," he says. His wife, Kim (Kathryn), a biostatistician at the medical school, appreciates that. Their son, 7-year-old Alexander, thinks his papa's bones are funny. "Sasha," the first-grader's nickname, also thinks it's great when Trinkaus is on TV.

Trinkaus loves horseback riding, which he did a lot of in New Mexico, but has found it hard to pursue in more urban St. Louis. And although this world-renowned scientist has a way with fossils, he does have some limitations.

"I spent years growing grass in the desert, yet I can't get it to grow in Missouri mud," Trinkaus laughs.

Erik Trinkaus

Born: New Haven, Conn.

University position: Professor of Anthropology in Arts & Sciences

Education: B.A., Art History, University of Wisconsin; M.A. and Ph.D., Anthropology, University of Pennsylvania

Family: Wife, Kim; son, Alexander "Sasha" 7



(From left) Kim, "Sasha" and Erik Trinkaus sledding at Tilles Park.