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Record

Oct. 25, 2007

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Washington University in St. Louis

Founders Day honors distinguished alumni

Six outstanding individuals to be honored for service, support to WUSTL

BY BARBARA REA

Six outstanding alumni will be honored for their service to and support of their alma mater at the University's Founders Day celebration scheduled for Nov. 3 at America's Center.

Selected by the Alumni Board of Governors, the Distinguished Alumni Award recipients are: Nathan O. Hatch (GR 72, GR 74), president of Wake Forest University; Charlotte D. Jacobs (MD 72), oncologist and professor of medicine at Stanford University; Steven F. Leer (GB 77), chairman and chief executive officer of Arch Coal Inc.; William B. Pollard III (LA 70), a partner in Kornstein

Veisz Wexler & Pollard LLP law firm; Philip D. Shelton (LW 72), former president and executive director of the Law School Admission Council; and J. J. Stupp (GB 83), chief financial officer of Exegy Inc., a technology licensing company.

(This is the second of a two-part story on Founders Day. The Oct. 18 Record profiled the four faculty members receiving the Distinguished Faculty Awards as well as the recipients of the Robert S. Brookings Awards.)

Nathan O. Hatch

An eminent scholar of the history of religion in America, Hatch also has made his mark as an effective administrator.

After earning master's and doctoral degrees in history in Arts & Sciences, Hatch held postdoctoral fellowships at Harvard and Johns Hopkins universities. In 1975, he began a long career at the University of Notre Dame, first as a faculty member and eventually becoming the Andrew V. Tackes Professor of History. In 1980, he began directing a number of undergraduate, graduate and professional programs at Notre Dame. In 1996, he became the first Protestant to serve as provost.

The author and editor of several books, Hatch is best known for his 1989 book, "The Democratization of American Christianity," which examined the effects of

religious movements in 19th-century America on culture and politics.

In 2005, Hatch became the 13th president of Wake Forest University in Winston-Salem, N.C. One of his hallmarks was the creation of a Presidential Trust for Faculty Excellence, which supports faculty scholarship. He also has embarked on a comprehensive strategic-planning process for the future of Wake Forest.

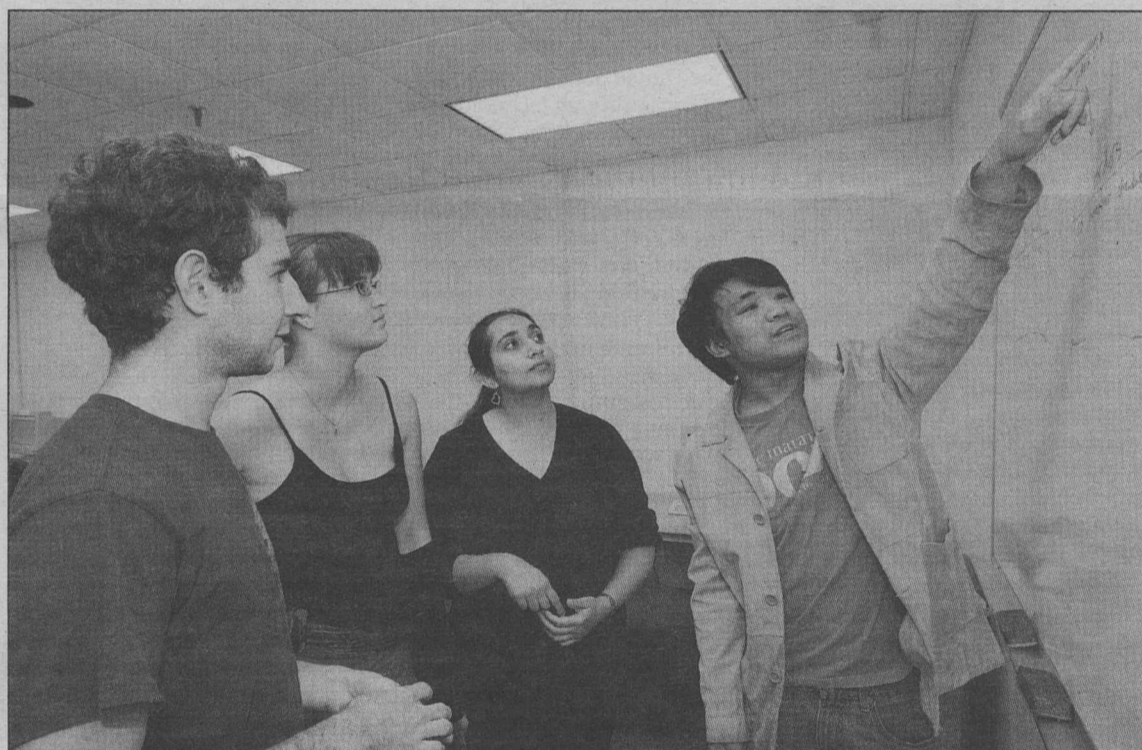
His professional contributions include serving on the National Council on the Humanities, which is the advisory arm for the National Endowment for the Humanities. Hatch also serves on the board of directors of the American Council on Education, chairs

the NCAA Committee on Athletics Certification, is a member of the Business Higher Education Forum and serves as a trustee of the Fuller Theological Seminary.

Charlotte D. Jacobs

Most of Jacobs' career as a clinical oncologist and medical educator has been with Stanford University's School of Medicine. She earned a medical degree from the University in 1972, which was followed by residencies at the School of Medicine and at the University of California, San Francisco (UCSF). Upon completing a postdoctoral fellowship at Stanford, she joined its faculty as acting assistant professor of medicine in the Division of Oncology, specializing in head and neck cancers. Shortly after her promotion to full

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Timothy Trinidad leads a discussion with classmates (from left) David Schainker, Helena Wotring and Mamta Datwani. The students are part of a computer science engineering course taught by Burchan Bayazit, Ph.D., assistant professor of computer science and engineering, that centers on group work, critiques and presentation skills.

Changing the way undergraduates are taught NSF grant to help implement 'active learning'

BY TONY FITZPATRICK

Kenneth J. Goldman, Ph.D., associate professor of computer science and engineering in the School of Engineering, is using a grant from the National Science Foundation (NSF) to help his department transform the way undergraduates are taught.

Goldman, recipient of a \$562,000 NSF grant, is working with his fellow investigators to cultivate "active learning" in the classroom with a significant increase in studio courses that involve team projects and interdisciplinary collaboration.

In a culture marked by frequent critique, students will refine their design skills as well as improve their ability to present and justify their designs and work in groups. Passive learning, typified by the traditional lecture, will be put on the backburner — though the flame still will burn low.

"At most universities, students spend the bulk of their in-class time passively listening to a lecture," Goldman said. "They may ask a few questions, but nearly all of their active learning on problems and projects is done outside of class. We want to change that."

"Passive learning can be done effectively out of class. We want students to interact in the classroom

more instead of hearing a lecture. As we phase in courses during this transformation, we will be making video and audio from lectures available on the Web. We can then assign these, much like reading assignments, so that students can arrive in class ready to do something with that knowledge."

The planning for this transformation has been ongoing, involving many faculty and students. NSF support for this transformation was formally announced and discussed with computer science and engineering students Oct. 10 at a meeting of the student chapter of the Association for Computer Machinery.

"Students seemed very enthusiastic," Goldman said. "One student commented that more hands-on time will be better, and that of what he learns in computer science, only 10 percent is from lecture anyway."

At the meeting, Goldman explained that undergraduate courses affected by this transformation will be divided into two groups: Foundations courses will concentrate on fundamental problem-solving skills; studio courses will be marked by the application of foundational knowledge to design and to implement in teams. In both types of courses, students will

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Severely mentally ill at risk for cardiovascular disease

BY JIM DRYDEN

A School of Medicine psychiatrist wrote in the Journal of the American Medical Association (JAMA) that although mortality from cardiovascular disease has declined in the United States over the past several decades, patients with severe psychiatric illness are not enjoying the benefits of that progress.

In a commentary in the Oct. 17 issue of JAMA, John W. Newcomer, M.D., professor of psychiatry and of medicine in the School of Medicine, of psychology in Arts & Sciences and medical director of the Center for Clinical Studies, reported that those with illnesses such as schizophrenia, bipolar disorder and major depression lose 25 to 30 years of life expectancy compared to the general population. And although suicide does claim the lives of many psychiatric patients, most of those premature deaths are due to cardiovascular disease.

"This is really a double hit," Newcomer said. "Not only are these patients dealing with the serious burden that accompanies their psychiatric disorder, but they also have an increased risk and an increased burden from major medical conditions like diabetes, heart disease and stroke."

Ultimately, it is the unrecognized risk factors and the underdiagnosed and undertreated conditions that significantly shorten the lifespan."

Newcomer said several factors conspire to elevate risk, including reduced access to appropriate medical care. Major mental disorders significantly

impair a person's ability to work and learn, so patients tend to have lower incomes and poorer dietary habits, often relying on fast food. In addition, patients with serious psychiatric illnesses are much more likely to smoke — between 50 percent and 80 percent smoke cigarettes — and although the severely mentally ill make up only between 5 percent

See Disease, Page 6



Newcomer

WUSTL researcher studies Methuselah of the mammals Mole rats may hold the key to longevity

BY ERIN FUITS

Who would have thought the secret to a long life might exist in the naked, wrinkled body of one of the world's ugliest animals? Current research may be leading seekers of the Fountain of Youth to a strange little beast — the naked mole rat.

Not one of nature's cuddliest species, naked mole rats are hairless, wrinkled, blind and buck-toothed. Yet Stanton H. Braude, Ph.D., lecturer in biology in Arts

& Sciences, is attracted to these small rodents and has been studying their life span for more than 25 years — 20 of those in Kenya.

Braude is working on a book that will serve as a synthetic review of the past 20 years of research on naked mole rats. While other research has been conducted on naked mole rats in a lab setting, Braude and his students are the only researchers who have studied the creature in the wild.

See Mole rats, Page 7



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Library unveils Little Black Sambo collection

BY JESSICA DAUES

When author Constance Levy tried to lead a discussion on the children's book "The Story of Little Black Sambo" while teaching a college class in 1980, she caused an uproar.

Twenty-seven years later, she again arrived in a college environment to discuss the book, but this time, she met with eager faces and applause.

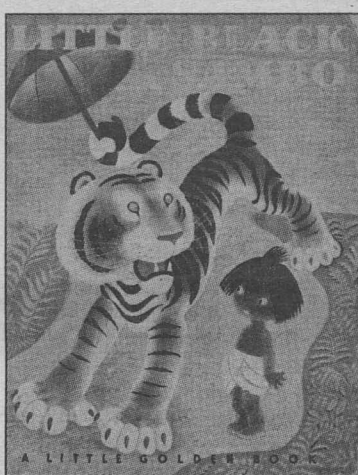
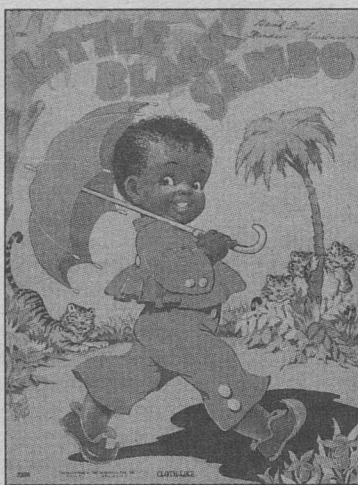
Washington University marked the acquisition of its "One Hundred Years of Little Black Sambo" collection with a reception Oct. 12 at Olin Library. Most of the collection's 234 items — including books, puzzles, dishes, games and figurines — were created between 1899 and 1999 and were purchased in part through the financial support of Levy and her late husband Monroe; the Center for the Humanities in Arts & Sciences; and the University Libraries.

The collection will be housed in Olin Library's Department of Special Collections. To make an appointment to see the collection, call 935-5495, Monday through Friday, 8:30 a.m.-5 p.m.

"The collection is hugely important in support of the University's Children's Studies minor," said Gerald L. Early, Ph.D., the Merle Kling Professor of Modern Letters and director of the Center for the Humanities. "Anything that will increase the scholarly interest in children's literature and the study of objects marketed to children is vital to those of us invested in this minor. 'Little Black Sambo' is one of the most important and problematic children's books in the English-speaking world."

"The Story of Little Black Sambo" was written by Helen Bannerman, a native of Scotland, and was intended to entertain her daughters, 6 and 3, who were living with her and her husband William in colonial India. It was published as a children's book in 1899, and the story quickly spread across the Western world.

According to her biographer, Elizabeth Hay, Bannerman intended for "The Story of Little Black Sambo" to be seen as the lighthearted story of a clever Indian boy who outsmarted his



These three books, published between 1899 and 1948, are just a few versions of the "Little Black Sambo" story that have appeared on children's bookshelves.

enemies. But as time passed, others rewrote the story, setting the tale outside of India in the American South or in Africa, and illustrated the book using

racial stereotypes.

To combat the unflattering depiction of black children in subsequent versions of "Little Black Sambo" and other literature of the period, the NAACP launched a children's magazine, The Brownies Book, in 1920, and many black authors wrote books specifically for children. By the 1960s, amid allegations of racism, "Little Black Sambo" largely had disappeared from children's libraries and bookstores.

The original story begins when Little Black Sambo receives a new, colorful outfit from his parents. While walking in the jungle in his finery, Little Black Sambo is confronted by a series of tigers. He convinces each tiger to not eat him in exchange for a piece of his new clothing until all of his new garments are gone.

A few moments later, Little Black Sambo hears the tigers fighting amongst themselves over which is the grandest. The tigers remove the pilfered clothing and begin fighting, finally chasing themselves around a tree until they are transformed into a pool of melted butter. Little Black Sambo puts his clothes back on, and his father brings the butter home to his mother, who uses it to make pancakes for the family.

"When I read the 'Little Black Sambo' for the first time, I think I was about 5 years old," Early told the group gathered for the collection's Oct. 12 unveiling. "I remember I read it in the library, and I went home and told my mom, 'Oh, I want pancakes!' She thought I was nuts. But she did cook me pancakes the next day. It was a book that really impressed me as a child, and I remember reading it many times."

Levy, who received an Arts & Sciences Distinguished Alumni Award in 2004, is an award-winning children's poet. Her books include "Splash! Poems of Our Watery World" (2002) and "A Crack in the Clouds" (1998), both Lee Bennett Hopkins Award winners. Levy has taught children's literature in college and the first and second grades.

Apollo 16 astronaut Duke awards scholarship, gives talk

Charlie Duke, Apollo 16 astronaut and moonwalker, will present Arts & Sciences senior Lonja Friedlander with a \$10,000 scholarship from the Astronaut Scholarship Foundation (ASF) during a public ceremony at 2:30 p.m. Nov. 1 in Brookings Hall, Room 300. Immediately following the presentation, Duke will discuss "A Journey to the Moon!" that also is free and open to the public. His talk is sponsored by Arts & Sciences.

Friedlander, a native of Akron, Ohio, is one of 19 university students nationwide selected to receive this prestigious award by the more than 70 NASA astronauts in the ASF.

The scholarships are awarded to students who exhibit exceptional performance, initiative and creativity in the science or engineering field of their major.

While scholarship recipients must display intellectual daring, the committee also looks for well-rounded students who are involved in campus and community activities.

"These scholarships are a way for me and my fellow astronauts to give back to a country that provided us with an extraordinary opportunity," Duke said.

"Lonja will be one of the many leaders who will keep the United States at the edge of breakthrough technology, and I consider it an honor to be presenting her with this check."

Majoring in chemistry and earth and planetary sciences, both in Arts & Sciences, with an overall grade point average of 3.9, Friedlander is pursuing research in the areas of remote sensing and mineral spectroscopy.

Using methods developed to survey planets, she is

exploring noninvasive means for locating and determining the value of natural resources. Eventually, she would like to aid natural-resource companies in developing environmentally sustainable practices for ground extraction.

A participant in the University's Pathfinder Program in Environmental Sustainability, Friedlander's concern for the environment also led her to become involved with the Interdisciplinary Environmental Clinic with the School of Law.

Friedlander taught a section of a chemistry laboratory to freshmen, and she tutors students through an academic program.

Duke was among 19 new astronauts selected by NASA in April 1966. After serving as a member of the astronaut support crew for Apollo 13, he was named Lunar Module Pilot for Apollo 16, along with Commander John Young and Command Module Pilot Ken Mattingly.

They were launched April 16, 1972, and reached the moon three days later. While Mattingly orbited the moon in the command ship "Casper," Young and Duke landed their lunar ship "Orion" on the Cayley Plain in the Descartes Highlands.

During three outside excursions over three days, they drove a Lunar Rover 16 miles and collected 213 pounds of lunar rock and soil.

Duke, who retired from NASA in 1975, is a brigadier general in the U.S. Air Force Reserve. He was inducted into the U.S. Astronaut Hall of Fame in 1997.

The Astronaut Scholarship Foundation is a nonprofit organization established in 1984 by the six surviving members of America's original Mercury astronauts.

For more information, call 935-7003.

Grant money available to students this summer

BY NEIL SCHOENHERR

Up to \$100,000 could be available for WUSTL students for internships and innovative projects this summer in the form of social change grants through the Community Service Office; stipends for internships through the Career Center; and the Gephardt Institute for Public Service summer service stipend program.

A meeting will be held at 4 p.m. Nov. 1 in Lambert Lounge in Mallinckrodt Student Center to discuss the various opportunities for students.

The Career Center has contributed a significant amount of money that will be available to undergraduate students who complete internships this summer.

The Gephardt Institute Summer Service stipend program supports undergraduate and graduate students who undertake uncompensated internships or volunteer placements that are oriented toward community service, political action and social justice. Ten stipends of \$2,000 each will be

awarded to eligible students.

Three social change grants are available from the Community Service Office:

- The \$3,000 Stern Social Change grant was established in 2000 to provide interested students with the means to pursue creative and meaningful activities geared toward finding solutions to society's needs.

- The \$5,000 Kaldi's Social Change Grant was established in 2005 to provide students with the opportunity to develop sustainable community projects in the St. Louis region.

- The \$10,000 Kathryn Wasserman Davis 100 Projects for Peace Social Change Grant was established by the philanthropist on the occasion of her 100th birthday. The object of the program is to encourage and support motivated youth to create and implement their ideas for building peace throughout the world in the 21st century.

For more information on the grants or the informational meeting, call the Community Service Office at 935-5599.

Human Resources announces health insurance enhancements

Health plan, flex spending enrollment Nov. 1-30

The Office of Human Resources has announced several enhancements to the health plans for faculty and staff that will be effective Jan. 1, 2008.

These enhancements include coverage for Chantix, a prescription drug for smoking cessation; an increase in the outpatient co-insurance for mental nervous and chemical dependency; an improvement in the preventive services benefit (for Anthem Blue Cross PPO users only); and coverage for unlimited nutritionist/dietician visits with a required referral.

"With these changes, we've continued our wellness theme from last year and our assistance to employees as they transition to a tobacco-free campus at the medical school," said Tom Lauman, director of benefits.

Health open enrollment

The annual health open enrollment period for the health/dental or dental-only plans, the health and child care flex spending plans, the Health Savings Account (HSA) and the Retirement Medical Savings Account (RMSA) will be from Nov. 1-30.

Enrollments and changes to these plans made during the open enrollment period and before the Nov. 30 deadline will be effective Jan. 1, 2008, for calendar year 2008.

The open enrollment brochure will be sent to campus boxes around Nov. 1, and employee informational meetings will be conducted from Nov. 8 through Nov. 28.

Informational meetings

The open enrollment period is the only time during the year employees may enroll in the flexible spending plans, the RMSA and the HSA. Knowing how important it is for employees to make the best decisions for themselves and their families, the Office of Human Resources will hold 14 informational meetings for employees.

"These meetings provide employees with the opportunity to receive a further explanation of all of the benefit information included in the Health Open Enrollment brochure and to ask their general and specific questions," said Lauman, who will be the presenter at all sessions.

The scheduled one-hour meetings are as follows:

Danforth Campus:

- Nov. 13, 3 p.m., South Brookings Hall, Room 100;
- Nov. 15, 10 a.m., North Brookings Hall, Room 300;
- Nov. 28, 3 p.m., Simon Hall, Room 110.

Medical Campus:

- Nov. 8, 11 a.m., McDonnell Medical Sciences Building, Cori Auditorium;
- Nov. 13, 10:30 a.m., Mallinckrodt, Scarpellino Audi-

torium, First Floor;

- Nov. 14, 2 p.m., Wohl Hospital, Wohl Auditorium, Lower Level;

- Nov. 15, 2 p.m., St. Louis Children's Hospital Auditorium, Third Floor;

- Nov. 27, 2 p.m., Yalem Building, Steinberg Amphitheater;

- Nov. 28, 10 a.m., St. Louis Children's Hospital Auditorium, Third Floor.

North Campus:

- Nov. 8, 2:30 p.m., Room 1312.

West Campus:

- Nov. 14, 10 a.m., Garage Building, Training Room B, Lower Level;

- Nov. 27, 10 a.m., Garage Building, Training Room B, Lower Level.

Barnes West County:

- Nov. 12, 9 a.m., Heart Care Institute Kitchen;

- Nov. 12, 10 a.m., Heart Care Institute Kitchen.

The schedule of meetings will be included in the open enrollment brochure as an insert and may also be found online (as of Nov. 1) at hr.wustl.edu.

During this year's open enrollment period, the Internal Audit and Benefits departments will conduct a random audit of dependents enrolled in WUSTL health plans to validate their eligibility for WUSTL health benefits. The faculty and staff members selected for this audit will receive a personalized letter during the first week of November.

School of Medicine Update

Existing drugs may be useful in treating brain tumors

By MICHAEL C. PURDY

Scientists have shown how developing brain tumors can turn an encounter with a signaling molecule from a fatal experience for the tumor cells into a cue for their own growth and multiplication.

School of Medicine researchers found the transformation relies on at least two other molecules that can be modified with existing drugs, opening the possibility that they may be able to use the established drugs to treat brain tumors.

The study, reported in *Cancer Research*, was conducted in a mouse model of neurofibromatosis type 1 (NF1), a genetic condition that leads to the development of benign and malignant tumors.

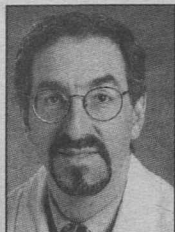
"In addition to opening up several new, exciting possibilities for brain tumor treatment both in NF1 and generally, this research is leading to what could be a very important set of insights into fundamental mechanisms of tumor formation," said the paper's senior author, Joshua Rubin, M.D., Ph.D., assistant professor of pediatrics, of neurology and of neurobiology.

Rubin studies general pediatric brain tumor development. His colleague and co-author David H. Gutmann, M.D., Ph.D., the Donald O. Schnuck Family Professor of Neurology, specializes in NF1 research and directs the University's Neurofibromatosis Center, where the research took place.

The signaling molecule that scientists studied, CXCL12, binds



Rubin



Gutmann

to a receptor called CXCR4 on the surfaces of brain cells. Other researchers first identified CXCR4 while searching for receptors targeted by HIV during infection. They later found that the receptor was associated with cell movement, survival and replication, all of which are changed in cancers.

Gutmann's lab has conducted extensive research showing how the environment immediately surrounding NF1 brain tumors known as gliomas influences their formation and maintenance. Most NF1 brain tumors occur in the optic pathway, the region of the brain that relays information from the retinas to the visual cortex in the back of the head. These tumors generally stop growing after patients reach puberty. Both characteristics suggest that something encouraging cancer formation and growth is present in the optic pathway during a specific time of life in NF1 patients.

Rubin and Gutmann collaborated to see if CXCL12 was the answer. Rubin checked for elevated CXCL12 activity levels in human tumor samples and found higher levels in the tumors and in normal tissue inside the tumors. He also

found that the optic pathway generally had higher levels of CXCL12 activity than other brain region.

Rubin took brain cells called glia from Gutmann's mouse model of NF1 and exposed them to CXCL12. Normal mouse glia died after exposure to CXCL12, but glia from the mouse model divided and grew in response to CXCL12.

Rubin linked that effect to levels of a compound known as cyclic adenosine monophosphate

(cAMP). Lower cAMP levels meant cells thrived after exposure to CXCL12. Higher levels meant they died in response to it. He also found the optic pathway has much lower levels of cAMP than any other brain region, and that lower cAMP levels were associated with loss of function of the neurofibromatosis gene, which causes NF1.

"My lab had previously shown that loss of this gene made glia more likely to grow and divide, and through this collaboration,

we've learned how it also makes these cells more likely to survive, another step on the pathway to becoming cancerous," Gutmann said.

Rubin and Gutmann have recently begun animal trials to see if a drug that elevates cAMP levels can inhibit tumor growth in Gutmann's mouse model of NF1. They point out that the link between CXCR4 and tumor survival also may mean that drugs developed to block HIV infection can help in the war on cancer.



A delicate maneuver Timothy K. Kellett, a participant in the Mini-Medical School I course, gets some tips on suturing a simulated laceration from Corey Ming-Lum, M.D., a clinical fellow in the Department of Surgery, during the course's suture lab Oct. 16. Students practice with real suturing tools on a synthetic material that feels similar to skin. The eight-week course covers such topics as strokes, shoulder injury and repair, cardiac disease, brain tumors, Alzheimer's disease, genetics, diabetes, emergency medicine and medical ethics. For more information about spring sessions, go online to minimed.wustl.edu.

Shaw named a Howard Hughes Medical Institute investigator

By MICHAEL C. PURDY

Andrey Shaw, M.D., the Emil R. Unanue Professor of Immunobiology in the Department of Pathology and Immunology, has been named an investigator of the Howard Hughes Medical Institute (HHMI).

Shaw was one of 15 researchers selected nationwide. More than 200 physician-scientists applied for this year's competition, which was focused on researchers who probe basic biomedical questions in innovative ways that help rapidly improve patient diagnosis and care.

"I'm very pleased and honored to be selected for this prestigious appointment, which will provide a tremendous boost to our research programs," said Shaw, who is director of the Division of Immunobiology.

As an investigator, Shaw's laboratory at Washington University will be supported by HHMI. The initial term of the new appointment is five years; it is renewable after review. HHMI has committed \$150 million to support of the 15 new investigators during their initial term.

HHMI selected Shaw for his work with podocytes, cells in a kidney structure called the glomerulus that filter the blood to make urine. He came to the kidney by way of studies of immune cell interaction. In 1999, Shaw found a gene he had identified in immune studies was essential for normal podocyte function. Loss of the gene led to kidney failure in mice. Now his lab is involved in a complex search for other genes that are essential to podocyte function and

may as a result also be linked to kidney failure.

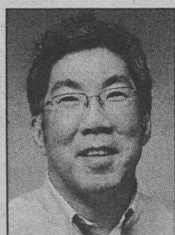
"Our big goal is to identify as many of these genes and their role in susceptibility to renal failure as possible," Shaw said.

HHMI is a nonprofit medical research organization that ranks among the nation's largest philanthropies. Its principal mission is conducting basic biomedical research. A total of 291 HHMI investigators, along with a scientific staff of 2,200, work at these institutions in Hughes laboratories.

HHMI investigators include both basic researchers investigating fundamental biomedical principles and physician-scientists like Shaw. This year's competition for investigator appointments was the second to focus exclusively on physician-scientists.

Shaw's appointment brings the number of University faculty with appointments as HHMI investigators to seven.

The other investigators are: Daniel E. Goldberg, M.D., Ph.D., professor of medicine and of molecular microbiology; Eduardo A. Groisman, Ph.D., professor of molecular microbiology; Kenneth M. Murphy, M.D., Ph.D., professor of pathology and immunology; Helen Piwnicka-Worms, Ph.D., professor of cell biology and physiology and of medicine; J. Evan Sadler, M.D., Ph.D., professor of medicine and of biochemistry and molecular biophysics; and Wayne Yokoyama, M.D., the Sam J. Levin and Audrey Loew Levin Chair for Research of Arthritis and professor of medicine and of pathology and immunology.



Shaw

Stenson named Costrini Professor

By JIM DRYDEN

William F. Stenson, M.D., has been named the Dr. Nicholas V. Costrini Professor of Gastroenterology & Inflammatory Bowel Disease at the School of Medicine.

Chancellor Mark S. Wrighton made the announcement with Larry J. Shapiro, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine.

"We are grateful to Nicholas and Coral Costrini for their generosity to Washington University in establishing this professorship," Wrighton said. "Endowed professorships represent the cornerstone of our continuing efforts to recruit new faculty and to retain outstanding researchers and educators such as Dr. Stenson."

"The Costrini Professorship will help support important research to help us better understand the causes of and potential therapies for inflammatory bowel disease, a condition that affects up to a million individuals in the United States," Shapiro said. "And I am very pleased that my classmate, Bill Stenson, has the honor of being chosen as the first physician/scientist to hold this professorship."

Nicholas V. Costrini, M.D., Ph.D., is medical director of the Georgia Gastroenterology Group. Costrini endowed the new professorship with his wife, Coral R. Costrini, who has served as the group's chief financial officer.

Stenson, a 1971 graduate of the School of Medicine, joined the Division of Gastroenterology in 1979 following an internship and residency in medicine and fellowships in both gastroenterology and immunology. The major focus of his research involves the role of inflammation in intestinal injury and wound repair. He studies enzymes produced in response to injury, which, in turn, synthesize prostaglandins. The creation of prostaglandins is key to repairing damaged intestinal tissue. Prostaglandins also regulate immune response in the intestine.



Stenson

Kenneth S. Polonsky, M.D., the Adolphus Busch Professor and head of the John Milliken Department of Medicine, said Stenson's research is vital to improving understanding of the causes of and potential solutions for inflammatory bowel disease.

"Bill Stenson brings a broad scientific perspective to his research and has taken his work in many directions over the years, from studies of prostaglandin synthesis to research into connections between celiac disease and osteoporosis," Polonsky said. "It is entirely appropriate to support the work of such an outstanding physician and investigator, and this endowment guarantees such support in future years."

A native of Rome, N.Y., Stenson graduated magna cum laude in 1967 from Providence College in Providence, R.I. He also served as a flight surgeon in the U.S. Air Force and attained the rank of Major prior to his discharge in 1975. The rest of his medical career has been spent at Barnes-Jewish Hospital and the School of Medicine. From 1981-1997, he was chief of the Division of Gastroenterology at the then Jewish Hospital of St. Louis, and in 1997-98, he was acting chief of gastroenterology at the School of Medicine. He is a 2007 National Institutes of Health MERIT Award winner.

"I am grateful for this honor, which recognizes the importance of the work we've done to better understand intestinal injury and disease," Stenson said. "I'm also happy my future work will be connected with Dr. Costrini's name. He did much of his postgraduate training at Washington University and the then Barnes Hospital during the same time that I was completing my training, so it's nice to be associated in this way some 30 years later."

Costrini came to the School of Medicine and Barnes Hospital in 1973. He served as an intern and resident and later chief resident in medicine, and completed fellowships in gastroenterology and in biological chemistry. Since 1981, he has been in private practice in Savannah, Ga., as director of several hospital digestive disease units and built and directed the Georgia Center for Digestive Diseases, the endoscopy center attached to his solo private practice, the Georgia Gastroenterology Group PC, the largest solo digestive disease practice in the South.

University Events

'Nikolais Dance Theatre' comes to Edison Nov. 2-3

Works of acclaimed, innovative dancer part of OVATIONS! Series

By LIAM OTTEN

Utah's acclaimed Ririe-Woodbury Dance Company will present "Nikolais Dance Theatre," an evening-length collection of visionary multimedia works that transform dance into a visual and kinetic art. The show, a homage to innovative dancer Alwin Nikolais, begins at 8 p.m. Nov. 2 and 3 as part of Edison Theatre's OVATIONS! Series.

Born in 1910 in Southington, Conn., Nikolais initially studied piano and began performing as a teenager, accompanying silent films as well as local dance classes. As a student at Bennington College, he began studying dance with Martha Graham and Hanya Holm, among others, and in 1935 was appointed director of the Hartford Parks Marionette Theatre.

In 1937 he opened his own dance studio and in 1940 received his first commission, for the ballet "Eight Column Line." Following a stint in the Army during World War II, Nikolais relocated to New York City and in 1948 founded the Playhouse Dance Company, later renamed the Nikolais Dance Theatre.

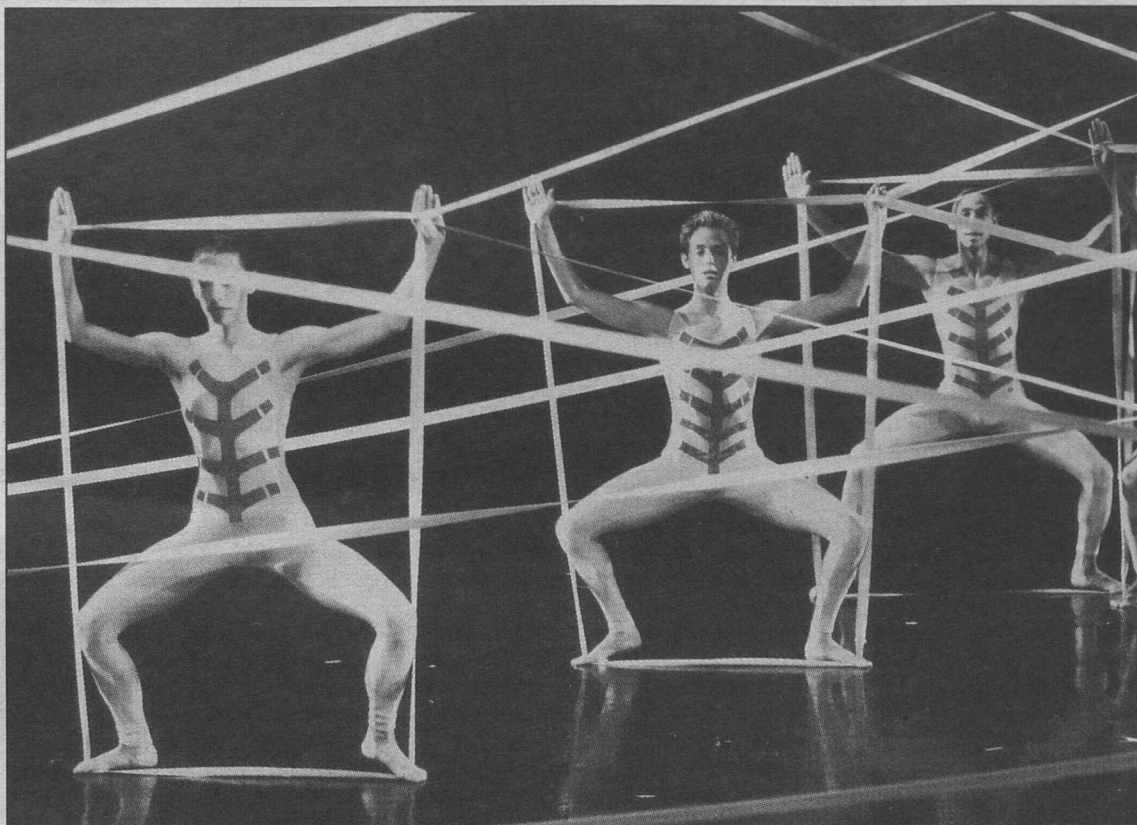
In 1949, Nikolais met a pair of notable young dancers — Murray Louis and Joan Woodbury — while teaching a summer workshop. Both were deeply influenced by Nikolais' ideas about "decentralization," in which costume, lighting and projected images are

used to shift attention away from individual dancers in favor of the production's overall effect. Louis soon joined Nikolais' company as a soloist and later became a co-founder of The Nikolais-Louis Foundation for Dance, an umbrella organization that included a school as well as the Nikolais Dance Theatre and the Murray Louis Dance Company.

Woodbury, meanwhile, met Shirley Ririe, another Nikolais pupil, in 1952. The two became fast friends and choreographed their first work together, about a pair of Vaudeville performers. They also began to share teaching duties at the University of Utah and, in the early 1960s, invited Nikolais and Louis to spend a summer working with students.

"I think it was great luck that Nik found these two ladies and their summer sessions, for they were a sounding board for his budding philosophy on teaching creative dance and composition," Louis told Dance Magazine in 2003. "The classes were wildly productive."

At Nikolais' suggestion, Ririe and Woodbury launched the Ririe-Woodbury Dance Company in 1964, with a repertoire of original works as well as pieces given to them by Nikolais and Louis. Following Nikolais' death in 1993, the Nikolais-Louis Foundation began to phase out its two companies, and in 2002 Louis selected Ririe-Woodbury Dance to preserve and present Nikolais' works, thus marking the first time an existing U.S. company has absorbed the collection of a past master.



Members of the cast of Alwin Nikolais' "Tensile Involvement" move through and among a large grid of elastic bands. The piece is one of the highlights of "Nikolais Dance Theatre," presented by Edison Theatre's OVATIONS! Series Nov. 2 and 3.

works, thus marking the first time an existing U.S. company has absorbed the collection of a past master.

"Nikolais Dance Theatre" features 10 dancers performing many of Nikolais' most influential works. These include his famous "Tensile Involvement," in which the entire company moves through and among a large grid of elastic bands. Also on the program are "Crucible," "Lythic," "Blank on Blank," "Liturgies 'Fi-

nale,'" "Noumenon Mobilis," "Mechanical Organ," "Pond," "Tent" and "Imago: The City Curious."

Nikolais Dance Theatre is directed by Louis and Alberto del Saz, co-director of The Nikolais-Louis Foundation. Earlier this fall, del Saz served as a visiting artist in the Performing Arts Department in Arts & Sciences' Dance Program.

While on campus, he led a series of master classes and set cho-

reography for "Tensile Involvement," which also will be performed Nov. 30-Dec. 2 as part of rEvolution, the 2007 Dance Theatre concert.

Tickets for "Nikolais Dance Theatre" are \$30; \$25 for seniors, faculty and staff; and \$18 for students and children. Tickets are available at the Edison Theatre Box Office and through all MetroTix outlets. For more information, call 935-6543 or visit edisontheatre.wustl.edu.

'Completely Hollywood' • Women's Politics • Superhero Comic Books

"University Events" lists a portion of the activities taking place Oct. 25-Nov. 8 at Washington University. Visit the Web for expanded calendars for the Danforth Campus (webevent.wustl.edu) and the School of Medicine (medschool.wustl.edu/calendars.html).

Exhibits

"Carmen Colangelo: Prints." A body of work by Carmen Colangelo, dean of the Sam Fox School of Design & Visual Arts and the E. Desmond Lee Professor for Collaboration in the Arts. Through February, Farrell Learning and Teaching Center, 520 S. Euclid Ave., Lvl. 2.

Lectures

Thursday, Oct. 25

Noon. Genetics Seminar. "Genomic Imprinting and Genetic Maternal Effects on Growth and Adult Body Composition in Mice." James M. Cheverud, prof. of anatomy, McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

Noon. Mallinckrodt Inst. of Radiology Lecture. Annual Wendell G. Scott Memorial Lecture. "New Horizons for Imaging in the Diagnosis and Treatment of Alzheimer's Disease." Mark A. Mintun, prof. of radiology, psychiatry and bioengineering, Scarpellino Aud., 510 S. Kingshighway Blvd. 362-2866.

3 p.m. Physics Seminar. "Massive Long-Lived Stable Particles and Quirks: Signatures From Cosmology, LHC and Elsewhere." Shmuel Nussinov, prof., Tel Aviv U. (2:30 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

4 p.m. History Colloquium. "Why Were the Templars Arrested in 1307?" Malcolm Barber, prof. of medieval European history, U. of Reading, United Kingdom. (Reception follows.) Duncker Hall, Rm. 201, Hurst Lounge. 935-5450.

4 p.m. Ophthalmology & Visual Sciences Seminar Series. "For Whom the Bells Toll: A Network of Circadian Clocks in the Mammalian Brain." Erik D. Herzog, assoc. prof. of biology, Maternity Bldg., Rm. 725. 362-3315.

4 p.m. Romance Languages & Litera-

tures Lecture. "Loma y Machete: The Symbolism of Race in Cuba Today." Pedro Perez-Sarduy, assoc. fellow, Caribbean Studies Centre, London. Lab Sciences Bldg., Rm. 300. 935-5175.

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

8 p.m. The Writing Program Fall Reading Series. Susan Wheeler, author, will read from her poetry. Duncker Hall, Room 201, Hurst Lounge. 935-7130.

Friday, Oct. 26

11 a.m. Boeing Center for Technology, Information and Manufacturing Operations and Manufacturing Management Seminar. "Advance Selling With Limited Capacity and Customers' Dependent Valuations." Roman Kapuscinski, assoc. prof. of operations & management science, U. of Mich. Simon Hall, Rm. 241. 935-5577.

11 a.m. Energy, Environmental & Chemical Engineering Seminar Series. "Profiling Interaction Between Biological Systems and Nanomaterials." Fangqing (Frank) Chen, Lawrence Berkeley National Laboratory. Lopata Hall, Rm. 101. 935-5548.

1 p.m. Spotlight on Women in Medicine and Science. (Reception follows.) Farrell Learning & Teaching Center, Holden Aud. 747-0808.

4 p.m. Dept. of Music Lecture Series. "Opera in the Twenty-First Century." Charles Mackay, Opera Theatre of Saint Louis. Music Classroom Bldg., Rm. 102. 935-4841.

Monday, Oct. 29

2 p.m. Drug Epidemiology Seminar Series. "Genetic Analysis of the Roles of Central Serotonergic Neurons in Opioid Analgesia, Tolerance and Morphine Reward." Zhou-Feng Chen, assoc. prof. of anesthesiology, psychiatry & molecular biology, Farrell Learning & Teaching Center, Rm. 214 A&B. 286-2261.

4 p.m. Chemistry Seminar. "Tracking Conformational Change in Membrane Proteins — Monte Carlo Normal Mode Following." Peter Jordan, prof. of chemistry, Brandeis U. McMillen Lab., Rm. 311. 935-6530.

4 p.m. I-CARES Seminar. "Grand Scientific Challenges for Energy." Michelle V.

Kal Penn program Oct. 25 cancelled

Due to a change in production scheduling, the Assembly Series program featuring actor Kal Penn on Oct. 25 has been cancelled. There are no immediate plans to reschedule.

For further updates call 935-5285 or visit assemblyseries.wustl.edu.

Buchanan, assoc. laboratory dir., Oak Ridge National Laboratory. Co-sponsored by the Dept. of Chemistry. Rebstock Hall, Rm. 215. 721-8866.

4 p.m. Immunology Research Seminar Series. "Life is Tenuous, T cell Expansion is Regulated by Apoptosis and Necrosis." Stephen M. Hedrick, prof. of cellular & molecular medicine, U. of Calif., San Diego. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

4 p.m. Physics Seminar. "Superconductivity Under Extreme Compression." James Hamlin, dissertation fellow. (3:45 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

4 p.m. Romance Languages & Literatures Lecture. "Putting Flesh Onto Women's Bones: Fiction and the Female in Renaissance History." Sarah Dunant, novelist. (Reception follows.) Women's Building Formal Lounge. 935-5175.

5:30 p.m. Cardiac Bioelectricity & Arrhythmia Center Seminar. "Biologic Membranes and Cardiac Bioelectricity." Richard W. Gross, prof. of medicine, chemistry, molecular biology & pharmacology. (5 p.m. reception.) Whitaker Hall, Rm. 218. 935-7887.

Tuesday, Oct. 30

8 a.m. I-CARES Seminar. "Setting America Free From its Oil Dependence." Gal Luft, exec. dir., Inst. for the Analysis of Global Security. Co-sponsored by The American Jewish Committee. Anheuser-Busch Hall, Rm. 310. 721-8866.

8:30 a.m.-4 p.m. Center for the Application of Information Technology Workshop. "IT as a Service Organization." (Continues 8:30 a.m.-4 p.m. Oct. 31.)

Cost: \$1,210, reduced fees available for CAIT member organizations. CAIT, 5 N. Jackson Ave. 935-4444.

Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series. "Infections, Innate Immunity and the Hemolytic-Uremic Syndrome." John Atkinson, prof. of internal medicine. Cori Aud., 4565 McKinley Ave. 362-1514.

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

8 p.m. The Writing Program Fall Reading Series. Susan Wheeler, author, lectures on the craft of poetry. Duncker Hall, Room 201, Hurst Lounge. 935-7130.

Wednesday, Oct. 31

4 p.m. Assembly Series. "BECOME Activists: Building Effective Campus Organizations and Maintaining Excellence." Jeff Johnson, social activist. Graham Chapel. 935-5285.

4 p.m. Physics Colloquium. "The Uncanny Physics of Superhero Comic Books." James Kakalios, prof. of physics & astronomy, U. of Minn. (3:30 p.m. coffee, Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

Thursday, Nov. 1

Noon. Genetics Seminar. "Eat, Drink and Be(e) Social: Feeding-Related Molecular Pathways and Division of Labor in Honey Bee Colonies." Gene E. Robinson, prof. of entomology, U. of Ill. at Urbana-Champaign. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

3 p.m. Physics Seminar. "Applications of Green's Function Theory to Nuclei and Atoms." Carlo Barbieri, GSI, Darmstadt, Germany. (2:30 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

4 p.m. Ophthalmology & Visual Sciences Seminar Series. "The Role of Type I Interferons in Ocular Herpes Simplex Virus Type 1 Infection." Daniel J. Carr, assoc. prof. of ophthalmology, The U. of Okla. Health Sciences Center. Maternity Bldg., Rm. 725. 362-3315.

6 p.m. East Asian Studies Lecture. Annual Nelson I. Wu Memorial Lecture on Asian Art and Culture. "Cultural Memory and Regional Pride in China's Western Gardens." Jerome Silbergeld, prof. of Chinese art, Princeton U. (Reception fol-

Friday, Nov. 2

8:30 a.m.-4:20 p.m. Neurology CME Course. "Pediatric Neurotherapeutics." (Continues 8:30 a.m.-12:20 p.m. Nov. 3.) Cost: \$225. Eric P. Newman Education Center. For information and to register: 362-6891.

11 a.m. Energy, Environmental & Chemical Engineering Seminar Series. Carlos Salvador, CANMET Energy Technology Centre-Ottawa. Lopata Hall, Rm. 101. 935-5548.

Noon. Cell Biology & Physiology Seminar. "Signal Termination: PHIPing the Switch in Akt and Protein Kinase C Signaling." Alexandra C. Newton, prof. of pharmacology, U. of Calif., San Diego. McDonnell Medical Sciences Bldg., Rm. 426. 362-6630.

5 p.m. Arts Forum. "Federico Barocci: Defining an Exhibition." Judith Mann, curator, Saint Louis Art Museum. Kemper Art Museum, Rm. 103. 935-4523.

Monday, Nov. 5

11:45 a.m. Infectious Diseases Lecture. "Emerging Therapies for HIV Infection." Daniel Kuritzkes, prof. of medicine, Harvard Medical School. Barnes-Jewish Hosp. Bldg., East Pavilion Aud. 454-8276.

Noon. Work, Families and Public Policy Brown Bag Seminar Series. "Dare to Diversify: Why Buying Stock on Leverage When You're Young Can Reduce Risk (and Double Your Retirement Savings)." Ian Ayres, prof., Yale Law School. Eliot Hall, Rm. 300. 935-4918.

Tuesday, Nov. 6

9:30 a.m. University Libraries Workshop. "Digital Basics Workshop." Cost: \$125 for non-members; \$100 for AMIA members. Olin Library, Rm. 142.

Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series. "Mechanistic Correlates of Antibody-Mediated Protection Against Flavivirus." Daved Fremont, assoc. prof. of pathology & immunology. Cori Aud., 4565 McKinley Ave. 362-8873.

Noon. Program in Physical Therapy Research Seminar. "Injury or Adaptation: Appropriate Levels of Physical Stress on the Neuropathic Foot." Michael Mueller, assoc. prof. of physical therapy. 4444 Forest Park Blvd., Lower Lvl., Rm. B108. 286-1404.

Introduction

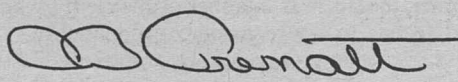
To ensure broad communication, certain key University policies are published on an annual basis in a special pullout policy section of the Record. These policies are also available in a number of other places, including the human resources Web site at <http://hr.wustl.edu>.

All members of the University community are essential to the continued endeavor for excellence in our teaching, research, service and patient-care missions. Establishing and sustaining an open, positive working and learning environment for faculty, staff and students is a shared responsibility. The policies contained in this section are intended to promote and support such an environment. Please become familiar with the content of these policies and the resources available to you.

Washington University is committed to the maximum use of all human resources and the goal of equal opportunity. Every effort shall be made to ensure that all employment decisions, University programs and personnel actions are administered in conformance with the principles of equal employment opportunity.

I want to take this opportunity to reaffirm the University's commitment to the objectives of equal opportunity in all aspects of our daily operations, including recruitment, hiring, training and promotion in all job titles without regard to race, color, religion, national origin, gender, sexual orientation, age, disability, or disabled veteran or Vietnam-era veteran status.

If you have questions regarding any of these policies, please feel free to contact me or any of the individuals identified in the specific policies.



Ann B. Prenatt
Vice Chancellor for Human Resources

V. Health Risks

Drugs: A detailed description of the health risks associated with abuse of controlled substances is provided in the chart, Drug Uses and Effects, published by the U.S. Department of Justice's Drug Enforcement Administration (hr.wustl.edu, Workplace Support, Key Policies); Appendix A.

Alcohol: Abuse of alcohol can produce severe health risks, including death. Alcohol consumption causes a number of marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low-to-moderate doses of alcohol also increase the incidence of a variety of aggressive acts, including spouse and child abuse. Moderate-to-high doses of alcohol cause marked impairments in higher mental functions, severely altering a person's ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol will produce the effects just described.

Repeated use of alcohol can lead to dependence. Sudden cessation of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life threatening. Long-term consumption of large quantities of alcohol, particularly when combined with poor nutrition, can also lead to permanent damage to vital organs such as the brain and the liver.

Women who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome. These infants have irreversible physical abnormalities and mental retardation. In addition, research indicated that children of alcoholic parents are at greater risk than other youngsters of becoming alcoholics.

VI. Legal Sanctions

Drugs: The manufacture, possession, sale, distribution, and use of controlled substances are prohibited by federal, state and local law; punishments range from fines to life imprisonment.

Section 195.214 of the Missouri statutes makes it a class A felony to distribute or deliver controlled substances on or near University property. Persons convicted of this offense can be sentenced to imprisonment for not less than 10 years.

The Federal Controlled Substances Act prohibits the knowing, intentional, and unauthorized manufacture, distribution, or dispensing of any controlled substance or the possession of any controlled substance with intent to manufacture, distribute, or dispense. A detailed description of the penalties associated with illegal drug trafficking is provided in the chart, Federal Trafficking Penalties, published by the U.S. Department of Justice's Drug Enforcement Administration (hr.wustl.edu, Workplace Support, Key Policies); Appendix B.

Alcohol: Missouri's Liquor Control Law makes it illegal, among other things, for a person under the age of 21 years to purchase, attempt to purchase, or possess any intoxicating liquor (R.S.Mo. Section 311.325). Violation of this provision can result in a fine between \$50 and \$1000 and/or imprisonment for a maximum term of one year. County and municipality ordinances contain similar prohibitions and sanctions.

VII. Loss of Workers' Compensation Benefits

The Missouri Workers' Compensation Act requires the forfeiture of benefits or compensation otherwise payable to an employee when the use of alcohol or non-prescribed controlled drugs is the proximate cause of the employee's injury. At a minimum, the Act provides for a reduction in benefits or compensation when the employee is injured while using alcohol or non-prescribed controlled drugs.

VIII. Inspections

When the University has reasonable grounds to suspect that an employee unlawfully manufactured, distributed, possessed or used controlled substances, alcohol or drug paraphernalia on University property or at any of its activities, the University reserves the right to inspect the employee's locker, desk, or other University property under the control of the employee.

The School of Medicine maintains additional requirements. For information see the School of Medicine Human Resources web site, Drug & Alcohol Policy, (<http://aladdin.wustl.edu/drugandalcohol>) or contact the Director of Human Resources, at 362-4900.

Drug and Alcohol Policy

Washington University is committed to maintaining a safe and healthful environment for members of the University community by promoting a drug-free environment as well as one free of the abuse of alcohol. Violations of this policy will be handled according to existing policies and procedures concerning the conduct of faculty, staff and students.

This policy is adopted in accordance with the Drug-Free Workplace Act and the Drug-Free Schools and Communities Act.

I. Standards of Conduct

Washington University strictly prohibits the unlawful manufacture, sale, distribution, dispensation, possession or use of controlled substances or alcohol on University property or as a part of any University activity. All faculty, staff and students must comply with this policy as a condition of their employment or enrollment. Faculty and staff members are prohibited from reporting to work under the influence of alcohol, chemicals, or drugs, including legally obtained prescription drugs, which impair one's ability to perform normal work activities. All faculty and staff members must notify their immediate supervisor(s) within five (5) days of any criminal drug statute conviction for a violation occurring in the workplace or in the conduct of University business.

II. Violations

Violations of the standards of conduct will be dealt with on a case-by-case basis following the policies and procedures applicable to, as appropriate, faculty, staff or students. Sanctions may include, among other things, reprimand, warning, suspension, probation, expulsion or termination. Referral to an appropriate assistance or rehabilitation program also may be appropriate. Referral for prosecution will occur for serious violations.

The Drug-Free Workplace Act requires the University: (1) within 10 days after receiving notice that an employee has been convicted of any criminal

drug statute violation occurring in the workplace or in the conduct of University business, to notify appropriate government agencies of such conviction; and (2) within 30 days after receiving such notice, to take appropriate personnel action against such employee up to and including termination and/or to require the employee to satisfactorily participate in a drug abuse assistance or rehabilitation program.

III. Authorized Use of Prescribed Medicine

Faculty and staff members undergoing prescribed medical treatment with any drug that interferes with their work activity must report this treatment to their supervisor. Prescribed medication should be kept in its original container, which identifies the drug, date, and prescribing doctor.

IV. Drug and Alcohol Counseling, Treatment or Rehabilitation or Re-Entry Programs

Early recognition and treatment of drug or alcohol abuse are important for successful rehabilitation, and for reduced personal, family and social disruption. Washington University encourages the earliest possible diagnosis and treatment for drug and alcohol abuse, however, the decision to seek diagnosis and accept treatment for drug or alcohol abuse is the responsibility of the individual.

The University encourages faculty, staff and students to seek assistance in dealing with a substance abuse problem, or those problems of a family member, by contacting available resources. University resources include Student Health Services (Danforth Campus, 314-935-6666); Student and Employee Health (School of Medicine, 314-362-3523), the Psychological Service Center (314-935-6555), the Department of Psychiatry (314-362-7002), and the Employee Assistance Program (1-800-765-9124).

Numerous non-University counseling programs exist in the St. Louis metropolitan area. Many programs advertise extensively in local media. Consultation with one's personal physician is advised prior to self-referral to such non-University programs. For further information regarding referral to such programs, contact the Student Health Services, School of Medicine Student and Employee Health, or your private physician.

Washington University Policies

Policy on Sexual Harassment

I. Introduction and Policy Statement

Washington University is committed to having a positive learning and working environment for its students, faculty and staff and will not tolerate sexual harassment.

Sexual harassment is an attack on the dignity of individuals and the integrity of the University as an institution of learning. Academic freedom can exist only when every person is free to pursue ideas in a non-threatening, non-coercive atmosphere of mutual respect. Sexual harassment is reprehensible and threatening to the careers, educational experience and well being of all members of our community.

Sexual harassment is a form of discrimination that violates University policy. It is also illegal under state and federal law.

This policy applies to all members of the Washington University community. It allocates responsibilities for helping to ensure that University policy is fairly applied, explains the process by which complaints of sexual harassment may be brought forward and provides sanctions for sexual harassment, which may range from reprimands to termination or dismissal, depending upon the severity of the offense. If you believe you have been sexually harassed, Sections IV and V describe options about what you can do and where you can get help. If you believe you have been falsely accused of sexual harassment, the procedures described below are also available to you. Those charged with implementation of this Policy will, whenever appropriate, encourage and assist those who believe they may have been sexually harassed to pursue the assorted informal means outlined in Section IV below for securing the cessation of unwelcome and offensive conduct.

II. What Is Sexual Harassment?

For the purposes of this statement, Washington University has adapted the Equal Employment Opportunity Commission (EEOC) definition of sexual harassment for an academic community: Sexual harassment is defined as any unwelcome sexual advance, request for sexual favor or other unwelcome verbal or physical conduct of a sexual nature, whether committed on or off campus, when:

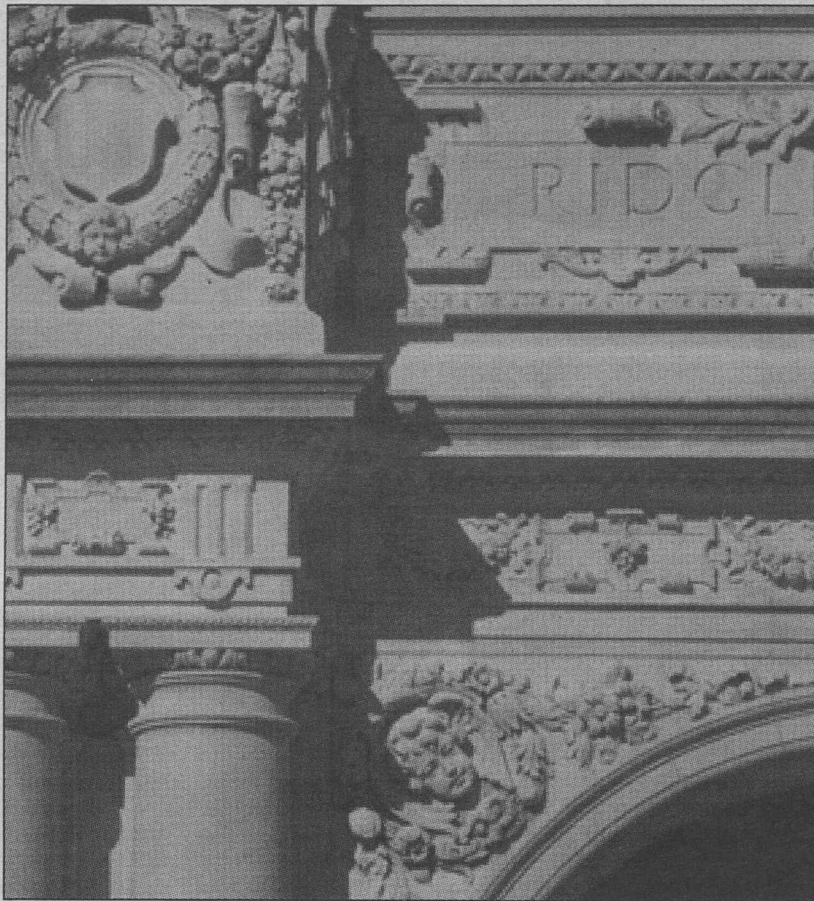
1. submission to such conduct is made, either explicitly or implicitly, a term or condition of an individual's employment or academic advancement;
2. submission to or rejection of such conduct by an individual is used as the basis or threatened to be used as the basis for employment or academic decisions or assessments affecting an individual; or
3. such conduct has the purpose or effect of unreasonably interfering with an individual's work or educational performance or creating an intimidating or hostile environment for work or learning. Such conduct will typically be directed against a particular individual or individuals and will either be abusive or severely humiliating or will persist despite the objection of the person targeted by the speech or conduct.

Sexual harassment includes but is not limited to situations where one person has authority over another. In such situations, sexual harassment is particularly serious because it may unfairly exploit the power inherent in a faculty member's or supervisor's position.

Sexual harassment can be verbal, visual, physical or communicated in writing or electronically. Some conduct obviously constitutes sexual harassment — such as a threat that a grade or promotion will depend on submission to a sexual advance. But whether particular conduct constitutes sexual harassment will often depend upon the specific context of the situation, including the participants' reasonable understanding of the situation, their past dealings with each other, the nature of their professional relationship (e.g., supervisor-subordinate, colleague, etc.) and the specific setting. The inquiry can be particularly complex in an academic community, where the free and open exchange of ideas and viewpoints preserved by the concept of academic freedom may sometimes prove distasteful, disturbing or offensive to some.

Examples of conduct which may constitute sexual harassment include but are not limited to:

- requests for sexual favors
- hugging, rubbing, touching, patting, pinching or brushing another's body



- inappropriate whistling or staring
- veiled suggestions of sexual activities
- requests for private meetings outside of class or business hours for other than legitimate mentoring purposes
- use in the classroom of sexual jokes, stories or images in no way germane to the subject of the class
- remarks about a person's body or sexual relationships, activities or experience
- use of inappropriate body images to advertise events

Members of the University community can expect to be free from sexual harassment and thus all members of the University community should guard against it. The fact that someone did not intend to sexually harass an individual is generally not considered a sufficient defense to a complaint of sexual harassment, although the reasonableness or the accuser's perceptions may be considered. In most cases, it is the effect and characteristics of the behavior on the complainant

and whether a reasonable person similarly situated would find the conduct offensive that determine whether the behavior constitutes sexual harassment.

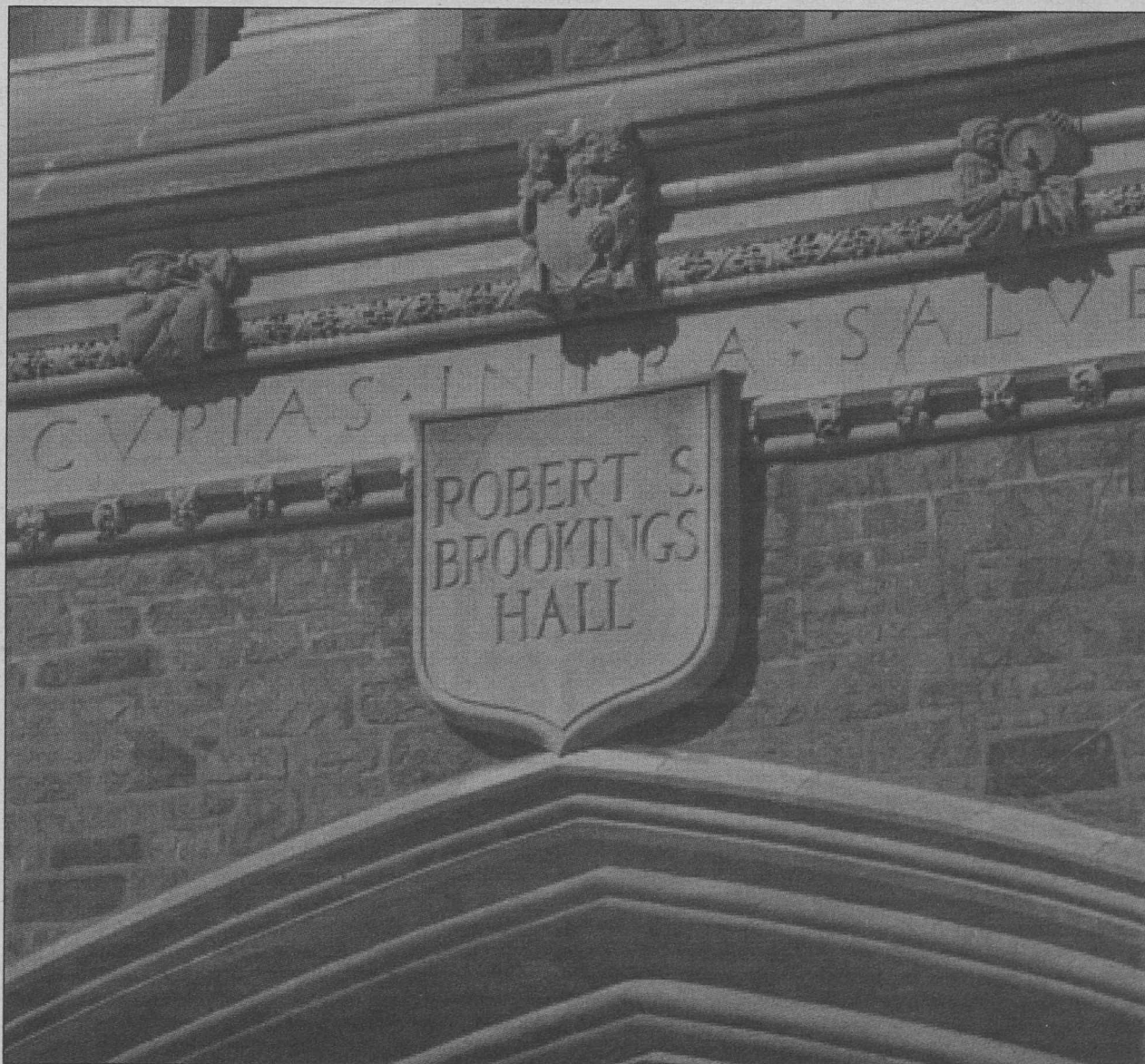
III. Confidentiality

The University will strive to protect, to the greatest extent possible, the confidentiality of persons reporting harassment and of those accused of harassment. Because the University has an obligation to address sexual harassment, however, the University cannot guarantee complete confidentiality where it would conflict with the University's obligation to investigate meaningfully or, where warranted, take corrective action. Even when some disclosure of the University's information or sources is necessary, it will be limited to the extent possible. The University will, to the extent permitted by law, keep confidential all records of complaints, responses and investigations. The records maintained by the Sexual Harassment Response Coordinator shall be available only to the Coordinator and, to the extent necessary, to administrators and other supervisors charged with responding to allegations of harassment. Allegations of sexual harassment shall not be placed in student records or personnel files unless, after appropriate investigation, such allegations have been sustained. Records of allegations maintained by the Coordinator which do not lead to formal hearings or personnel actions will be discarded after five years unless there are additional, more recent complaints against the same person. Any records maintained by the Coordinator concerning an allegation about which an accused person was not given reasonably timely notice and an opportunity to respond shall not be used to justify or enhance a sanction, other than an oral or written warning, imposed for a different instance of harassment.

If you want to discuss possible harassment in a more confidential setting or clarify your feelings about whether and how you wish to proceed, you may want to consult a social worker, therapist or member of the clergy, who is permitted, by law, to assure greater confidentiality. Clergy and counseling resources on campus are listed in *Bearings, Ternion and Safety and Security on the Danforth Campus*. In addition, any member of the University community may contact the Student Counseling Services at 935-5980 for a confidential discussion and, if desired, referral to off-campus resources.

IV. Seeking Advice; Making a Complaint

If you believe that you have been sexually harassed, you have a number of response options, both formal and informal. Some people may wish to pursue informal means instead of or before making a formal complaint; others will not. If an informal procedure is ineffective, the formal procedures will remain open to you. You should select the route you feel most appropriate for your circumstances. However you wish to proceed, you may consult at any time with the Danforth or Medical Center Sexual Harassment Response Coordinator (listed



Washington University Policies



in the Appendix), whose responsibilities include assisting students, faculty and staff with sexual harassment issues, be they general or specific, formal or informal. You may wish to work with the Coordinator to select an approach.

A. Informal Procedures

- I. If you feel comfortable dealing with the situation without assistance, you can:
 - a. Clearly say "no" to the person whose behavior is unwelcome.
 - b. Communicate either orally or in writing with the person whose behavior is unwelcome. The most useful communication will have three parts:
 1. A factual description of the incident(s) including date, time, place and specific action.
 2. A description of the writer's feelings, including any consequences of the incident.
 3. A request that the conduct cease.

Frequently, such a communication will cause the unwelcome behavior to stop, particularly where the person may not be aware that the conduct is unwelcome or offensive.

- II. If you would like to proceed informally, but with the assistance of someone else, you may:
 - a. Ask the person's supervisor, e.g., department chair, dean, director, housing office representative, academic advisor or resident advisor, to speak to the person whose behavior was unwelcome. The purpose of such conversations is the cessation of unwelcome behavior.
 - b. Consult with the Coordinator or one of the Sexual Harassment Response Advisors listed in the Appendix and specifically charged with responding to sexual harassment inquiries and complaints. These individuals are thoroughly familiar with University policy on sexual harassment and are available to consult with victims of sexual harassment, those charged with sexual harassment, witnesses and supervisors of parties to a complaint. They can provide information about informal actions that might remedy the situation and discuss University policy on sexual harassment and procedures for resolving complaints.
 - c. Ask the Coordinator to mediate or arrange for mediation. Mediation is discussion and negotiation, with the help of a third party, designed to permit the parties to reach a mutually agreeable resolution of a dispute. If a person complaining of sexual harassment seeks mediation, the person accused of harassment agrees and the Coordinator concludes that the mediation would be consistent with the University's legal obligations in responding to and preventing sexual harassment, the Coordinator may mediate or arrange for mediation.

B. Formal Procedures

Whether or not you have attempted to resolve a sexual harassment claim through informal means, you may initiate a formal sexual harassment grievance proceeding by filing a written complaint. This process may lead to a formal hearing at which evidence will be considered and witnesses heard. If this is the course you wish to take, the Coordinator can assist you in filing a complaint.

Complaints, prepared with or without the assistance

of the Coordinator, can be filed with the following Committees, with a copy to the Coordinator for your campus:

Complaints against faculty or staff:

- Faculty and Administrative Affirmative Action Committee (complaints by faculty and administrators)
- Title IX Grievance Committee (complaints by students)
- Human Resources Advisory Committee (complaints by staff)

All of these committees may be contacted:
c/o Office of Human Resources
North Brookings Hall,
Room 126

Campus Box 1184
935-5990

Hearing procedures are set forth in the Washington University Discrimination and Sexual Harassment Hearing Procedures. These procedures may be obtained from the Office of Human Resources or from any Sexual Harassment Response Coordinator or Advisor.

Complaints against students or student groups:

Office of the Judicial Administrator
Residential Life Center
Lien House, South 40
Campus Box 1250
935-4174
935-7776 (fax)

Hearing procedures are set forth in the University Judicial Code, found in *Bearings* and *Washington University Faculty Information*. These procedures may also be obtained from the University Judicial Administrator or from the Sexual Harassment Response Coordinators or Advisors.

Whether or not you choose to file a complaint, the University may be required, or may otherwise deem it necessary and protective of the academic community, to commence its own investigation.

V. Protection of Rights

The University will not tolerate retaliation or discrimination against persons who report or charge sexual harassment or against those who testify, assist or participate in any investigation, proceeding or hearing involving a complaint of sexual harassment. In this context, retaliation means speech or conduct that adversely affects another's terms or conditions of employment or education and is motivated by an intent to harm the targeted person because of his or her participation in the filing or investigation of an allegation of sexual harassment. Any such retaliation — or any encouragement of another to retaliate — is a serious violation of University policy and law; independent of whether the particular claim of sexual harassment is substantiated. If you believe you have been subjected to retaliation in violation of this rule, you may use the procedures described above to complain and seek redress.

The University seeks to protect the rights of all persons, accusers and accused, to fair procedures. Accusations of sexual harassment typically have injurious far-reaching effects on the careers and lives of accused individuals. Allegations of sexual harassment must be made in good faith and not out of malice. Knowingly making a false or frivolous allegation of sexual harassment, whether in a formal or informal context, will be treated as a serious offense under this policy and, where it applies, the University Judicial Code. If you believe you have been falsely accused of sexual harassment you may use the procedures of this policy or the University Judicial Code, where applicable, to seek redress.

See Section IV.

VI. Obligations of Vigilance and Reporting

The University can respond to specific instances and allegations of harassment only if it is aware of them. The University therefore encourages anyone who believes that he or she has experienced sexual harassment to promptly come forward with inquiries, reports or complaints and to seek assistance from the University. In addition, any University employee who becomes aware of instances or allegations of sexual harassment by or against a person under his or her supervisory authority must report it to those charged with responding to such allegations and reports: the appropriate dean, director or department head or other

similar administrator or to the Sexual Harassment Response Coordinator or one of the Advisors. It shall be the responsibility of these individuals to respond to allegations and reports of sexual harassment or refer them to other University officials for such response.

Any dean, director or department head or other similar administrator who becomes aware of information indicating a significant likelihood of sexual harassment must report such information to the Sexual Harassment Response Coordinator for the appropriate campus. These administrators must respond not only when they receive a specific complaint or report alleging improper activity, but also when such matters come to their attention informally. Unconfirmed or disputed allegations should be clearly labeled as such and reports should indicate any steps already taken to investigate or otherwise respond. Administrators may wish to consult with the Coordinator or any of the Advisors prior to investigating or otherwise responding to any situation involving alleged harassment.

VII. Possible Sanctions

Possible sanctions for a person found guilty of behavior in violation of this policy include but are not limited to the following:

- oral or written reprimand, placed in the personnel file
- required attendance at a sexual harassment sensitivity program
- an apology to the victim
- oral or written warning
- loss of salary or benefit, such as sabbatical or research or travel funding
- transfer or change of job, class or residential assignment or location (i.e., removing the person from being in a position to retaliate or further harass the victim.)
- fine
- demotion
- suspension, probation, termination, dismissal or expulsion

While counseling is not considered a sanction, it may be offered or required in combination with sanctions. Where alcohol is involved in the sexual harassment, such counseling may include an alcohol abuse program.

If students or student groups are guilty of sexual harassment, any of the sanctions set forth in the University Judicial Code may also be invoked.

VIII. Education

The best way to deal with sexual harassment is to prevent it. Education is essential to eliminating sexual harassment. To this end, Washington University has developed an ongoing training program. Please call a Sexual Harassment Response Coordinator or Advisor to find out more about these programs, what sexual harassment is, how to respond to it and what to do when someone asks for advice about sexual harassment.

Approved by the Washington University Senate Council, October 19, 1995.

Approved by the Washington University Senate, April 22, 1996.

Revision approved by the Washington University Senate, April 28, 1997.

(This policy supersedes prior University Policies on Sexual Harassment).

Sexual Harassment Coordinators and Advisors (as of January 2006)

Danforth Campus

Coordinator: Ann B. Prenatt – 935-7746

Advisors: Lorraine Goffe-Rush – 935-8046
(complaints by faculty, staff and others)

Kathy Steiner-Lang – 935-5910
(complaints by students and others)

John Drobak – 935-6487
(complaints by faculty and others)

Medical Campus

Coordinator: Legail Chandler – 362-4900

Advisors: Apryle Cotton – 362-7198
(complaints by faculty, staff and others)

Dr. Leslie Kahl – 362-7481
(complaints by students and others)

Sandra Sledge – 362-4937
(complaints by staff and others)

Washington University Policies

Discriminatory Harassment Policy

I. Introduction and Policy Statement

Washington University is committed to having a positive learning and working environment for its students, faculty, and staff. University policy prohibits discrimination on the basis of race, color, age, religion, gender, sexual orientation, national origin, veteran status or disability. Harassment based on any of these classifications violates University policy and will not be tolerated. In some circumstances such harassment may also violate federal, state or local law.

In 1996, the University adopted a new policy on Sexual Harassment. Since that time, allegations of discriminatory harassment on bases other than sex have been handled in a similar manner. This Policy confirms that allegations of any sort of discriminatory harassment are subject to the policies and procedures described in the Sexual Harassment Policy. This Policy is published in many places, including *Bearings*, the *Record*, and the *Faculty Information* booklet. It may also be found at <http://www.wustl.edu/policies/sexharas.html> or obtained from the Danforth or Medical School Human Resources office. That Policy applies to all members of the Washington University community. It allocates responsibilities for helping to ensure that University policy is fairly applied, explains the processes by which complaints of harassment may be brought forward, and provides sanctions for harassment, which may range from reprimands to termination or dismissal, depending on the severity of the offense. School of Medicine students and employees may, alternatively, rely on the School's Abusive Conduct Policy.

In an academic community, the free and open exchange of ideas and viewpoints reflected in the concept of academic freedom may sometimes prove distasteful, disturbing or offensive to some. Indeed, the examination and challenging of assumptions, beliefs or viewpoints that is intrinsic to education may sometimes be disturbing to the individual. Neither the Policy on Sexual Harassment nor this Policy is intended to compromise Washington University's traditional commitment to academic freedom or to education that encourages students to challenge their own views of themselves and the world.

II. What Is Discriminatory Harassment?

Discriminatory harassment is unwelcome and objectively offensive conduct that (a) has the purpose or effect of unreasonably interfering with an individual's work or educational environment, (b) is directed at a particular individual or individuals because of the individual's/individuals' race, color, age, religion, gender, sexual orientation, national origin, veteran status or disability, and (c) is abusive or severely humiliating. Some conduct obviously constitutes harassment, such as a statement that all members of a disfavored group will be required to work in the basement because their supervisor does not, on the basis of their group membership, want to be near them. Whether particular conduct constitutes harassment often depends on the specific context of the situation, including the participants' reasonable understanding of the situation, their past dealings with each other, the nature of their professional relationship (for example, supervisor-subordinate, colleague), and the specific setting.

III. Confidentiality

The University will strive to protect, to the greatest extent possible, the confidentiality of persons reporting harassment and of those accused of harassment. Because the University has an obligation to address harassment, however, the University cannot guarantee complete confidentiality where it would conflict with the University's obligation to investigate meaningfully or, where warranted, take corrective action. Even when some disclosure of the University's information or sources is necessary, it will be limited to the extent possible. The University will, to the extent permitted by law, keep confidential all records of complaints, responses and investigations. The records maintained by the Harassment Response Coordinator shall be available only to the Coordinator and, to the extent necessary, to administrators and other supervisors charged with responding to allegations of harassment. Allegations of harassment shall not be placed in student records or personnel files unless, after appropriate investigation, such allegations have been sustained. Records of allegations maintained by the Coordinator which do not lead to formal hearings or personnel actions will be discarded after five years unless there are additional, more recent complaints against the same person. Any records maintained by the Coordinator concerning an allegation about which an accused person was not given reasonably timely notice and an opportunity to respond shall not be used to justify or enhance a sanction, other than an oral or written warning, imposed for a different instance of harassment.

If you want to discuss possible harassment in a more confidential setting or clarify your feelings about whether and how you wish to proceed, you may want to consult a social worker, therapist or member of the clergy, who is permitted, by law, to assure greater confidentiality. Clergy and counseling resources on campus are listed in *Bearings*, *Ternion* and *Safety and Security on the Danforth Campus*. In addition, any member of the University community may contact the Student Counseling Services at 935-5980 for a confidential discussion and, if desired, referral to off-campus resources.

IV. Seeking Advice; Making a Complaint

If you believe that you have been harassed, you have a number of response options, both formal and informal. Some people may wish to pursue informal means instead of or before making a formal complaint; others will not. If an informal procedure is ineffective, the formal procedures will remain open to you. You should select the route you feel most appropriate for your circumstances. However you wish to proceed, you may consult at any time with the Danforth or Medical Center Harassment Response Coordinator (listed in the Appendix), whose responsibilities include assisting students, faculty and staff with harassment issues, be they general or specific, formal or informal. You may wish to work with the Coordinator to select an approach.

A. Informal Procedures

1. If you feel comfortable dealing with the situation without assistance, you can communicate either orally or in writing with the person whose behavior is offensive. The most useful communication will have three parts:
 - a. A factual description of the incident(s) including date, time, place and specific action.
 - b. A description of the writer's feelings, including any consequences of the incident.
 - c. A request that the conduct cease. Frequently, such a communication will cause the offensive behavior to stop, particularly where the person may not be aware that the conduct is offensive.
2. If you would like to proceed informally, but with the assistance of someone else, you may:
 - a. Ask the person's supervisor, e.g., department chair, dean, director, housing office representative, academic advisor or resident advisor, to speak to the person whose behavior was offensive. The purpose of such conversations is the cessation of offensive behavior.
 - b. Consult with one of the Coordinators listed in the Appendix and specifically charged with responding to harassment inquiries and complaints. These individuals are thoroughly familiar with University policy on harassment and are available to consult with victims of harassment, those charged with harassment, witnesses and supervisors of parties to a complaint. They can provide information about informal actions that might remedy the situation and discuss University policy on harassment and procedures for resolving complaints.
 - c. Ask the Coordinator to mediate or arrange for mediation. Mediation is discussion and negotiation, with the help of a third party, designed to permit the parties to reach a mutually agreeable resolution of a dispute. If a person complaining of harassment seeks mediation, the person accused of harassment agrees and the Coordinator concludes that the mediation would be consistent with the University's legal obligations in responding to and preventing harassment, the Coordinator may mediate or arrange for mediation.

B. Formal Procedures

Whether or not you have attempted to resolve a harassment claim through informal means, you may initiate a formal harassment grievance proceeding by filing a written complaint. This process may lead to a formal hearing at which evidence will be considered and witnesses heard. If this is the course you wish to take, the Coordinator can assist you in filing a complaint.

Complaints, prepared with or without the assistance of the Coordinator, can be filed with the following Committees, with a copy to the Coordinator for your campus:

Complaints against faculty or staff:

Faculty and Administrative Affirmative Action

Committee;

Title IX Grievance Committee;
Human Resources Advisory Committee

All of these committees may be contacted:
c/o Office of Human Resources
North Brookings Hall, Room 126
Campus Box 1184
935-5990

Hearing procedures are set out in the Washington University Discrimination and Sexual Harassment Hearing Procedures. These procedures may be obtained from the Office of Human Resources or from any Harassment Response Coordinator or Advisor.

Complaints against students or student groups:

Director of Judicial Programs
Residential Life Center 10
Campus Box 1250
935-4174

Hearing procedures are set out in the University Judicial Code, found in *Bearings* and Washington University Faculty Information. These procedures may also be obtained from the University Judicial Administrator or from the Harassment Response Coordinators or Advisors.

Whether or not you choose to file a complaint, the University may be required, or may otherwise deem it necessary and protective of the academic community, to commence its own investigation.

V. Protection of Rights

The University will not tolerate retaliation or discrimination against persons who report or charge harassment or against those who testify, assist or participate in any investigation, proceeding or hearing involving a complaint of harassment. In this context, retaliation means speech or conduct that adversely affects another's terms or conditions of employment or education and is motivated by an intent to harm the targeted person because of his or her participation in the filing or investigation of an allegation of harassment. Any such retaliation — or any encouragement of another to retaliate — is a serious violation of University policy and law, independent of whether the particular claim of harassment is substantiated. If you believe you have been subjected to retaliation in violation of this rule, you may use the procedures described above to complain and seek redress.

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Approved by the Washington University Faculty Senate Council, November 25, 2002; Approved by the Washington University Faculty Senate, December 19, 2002

Discriminatory Harassment Coordinators/Advisers:

Danforth Campus:

Professor Sally Goldman, 935-7545 (complaints by students)
Lorraine Goffe-Rush, 935-8046 (complaints by faculty, staff and others)
Ann B. Prenatt, 935-7746 (complaints by faculty, staff and others)

Medical Campus:

Dr. Leslie Kahl, 362-7481 (complaints by students)
Legail Chandler, 362-4900 (complaints by faculty, staff and others)
Apryle Cotton, 362-7198 (complaints by faculty, staff and others)

Washington University Code of Conduct

Introduction

The Washington University Code of Conduct governs "members of the University community": employees, volunteers, and those who do business with the University. It states the ethical and legal standards that guide their decisions and actions as community members. The University's Code of Conduct may be revised from time to time. An up-to-date version of the Code, along with a Questions and Answers section, is always available on the Web at codeofconduct.wustl.edu.

The statements below summarize the Code of Conduct's key features.

Integrity and Ethical Conduct

Washington University is committed to the highest ethical and professional standards of conduct as an integral part of its mission, the promotion of learning. To achieve this goal, the

University relies on each community member's behavior, honesty, integrity, and good judgment. Each community member should demonstrate respect for the rights of others. Each community member is accountable for his/her actions.

Compliance with Laws and University Policies

The University and each community member must transact University business in compliance with all laws, regulations, and University policies related to their positions and areas of responsibility. Managers and supervisors are responsible for teaching and monitoring compliance in their areas.

Violations or Concerns

Community members are expected to report violations or concerns about violations of the Code of Conduct that come to their attention.

Managers have a special duty to adhere to the standards set forth in the Code of Conduct, to recognize violations, and to enforce the standards.

There are three ways to report a violation or discuss a concern. You may report violations or concerns to your immediate supervisor or department head, if appropriate. Or you may call the University Compliance Office at the number established for this purpose: (314) 362-4998. Reports may be made anonymously to this number if the caller so desires, since this number has no caller identification or number recognition. Or you may call the individual responsible for the related compliance area; a list of these individuals appears in the complete version of the Code of Conduct at codeofconduct.wustl.edu.

A call to action for young people

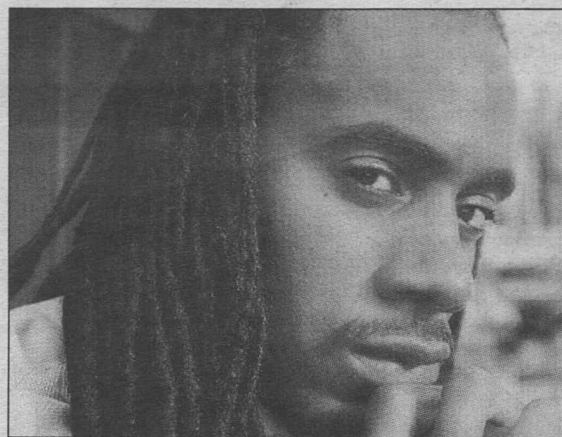
Commentator Jeff Johnson to keynote Black Arts & Sciences Festival

Social activist and Black Entertainment Television (BET) commentator Jeff Johnson will present the annual Black Arts & Sciences Festival lecture at 11 a.m. Wednesday, Oct. 31, at Edison Theatre.

His talk, "BECOME Activists: Building Effective Campus Organizations and Maintaining Excellence," is sponsored by the Assembly Series and the Association of Black Students. He will suggest strategies for developing effective organizations for future leaders.

After occasional guest stints on BET talk shows, Johnson's talents were recognized, and in 2004, he was awarded his own show, "Cousin Jeff." The show was a success, and Johnson's unique brand of social and political commentary began to influence large groups of young viewers. Johnson also was tapped that year to headline the network's first coverage of the Democratic and Republican national conventions.

His ability to connect with



Activist and TV personality Jeff Johnson will speak about leadership and effective campus organizations for the Assembly Series at 11 a.m. Wednesday, Oct. 31, in Edison Theatre.

traditionally disconnected urban minority youth led to an appointment with the NAACP as its National Youth Director. He continues to create new ways to generate interest in social and political arenas among young activists, such as developing an online medium called MyNationOnline.com.

Johnson also produced another BET show, "The Jeff Johnson Chronicles," which addressed issues that resonated with young people in urban America. Although he no longer hosts his own program, Johnson continues to be a popular guest for other public affairs shows and is a regu-

lar contributor to a number of lifestyle magazines.

Additionally, he has merged his activism, media savvy and leadership abilities to start a new lifestyle consulting firm.

Currently, Johnson is working on a book that focuses on the need for honest dialogue between the African-American and Latino communities, tentatively titled, "Black and Brown: The Conversation on Race America Has Never Had."

All Assembly Series lectures are free and open to the public. For additional information, call 935-5285 or visit assemblyseries.wustl.edu.

Poet, novelist Wheeler on campus

BY LIAM OTTEN

Poet and author Susan Wheeler, the visiting Fannie Hurst Professor of Creative Literature in the Writing Program in Arts & Sciences, will read from her work at 8 p.m. Thursday, Oct. 25.

In addition, Wheeler will speak on the craft of poetry at 8 p.m. Tuesday, Oct. 30.

Wheeler is the author of four poetry collections: "Bag 'o' Diamonds" (1993), "Smokes" (1998), "Source Codes" (2001) and "Ledger" (2005). Her work has appeared in eight editions of "Best American Poetry" as well as in such journals as *The Paris Review*, *New American Writing*, *Talisman* and *The New Yorker*.

Wheeler's most recent work is the novel "Record Palace" (2005), which tells the story of Cindy, a California transplant studying art history in Chicago. The daughter of a clarinetist, Cindy finds herself spending long hours in the Record Palace, a dark and dingy store with a fully stocked jazz section, and with its majestically jaded owner, Acie Stevenson. Yet their friendship is soon complicated by Cindy's involvement with Acie's son and by the emergence of a particularly risky family enterprise.

Toni Morrison praises "Record Palace" as "an astonishment," adding that, "Susan Wheeler's deft

touch and flawless ear have produced an irresistible work, both fresh and sage." E.L. Doctorow calls the book, "dialogic, atmospheric, a situation plumbed rather than a plot unfolded — a Chicago noir this is and it casts its spell."

"Bag 'o' Diamonds" received the 1993 Norma Farber First Book Award of the Poetry Society of America and was short-listed for the Los Angeles Times Book Award. "Smokes" won the Four Way Books Award. Other honors include the Witter Bynner Prize for Poetry from the American Academy of Arts & Letters and fellowships from the John Simon Guggenheim Foundation and the New York Foundation for the Arts.

Wheeler grew up in Minnesota and New England and has lived in the New York area for 20 years. Currently on the creative writing faculties of Princeton University and the New School's graduate program, she also has taught at the University of Iowa, New York University, Rutgers University and Columbia University.

Both talks, which are a part of The Writing Program's fall Reading Series, are free, open to the public and will take place in Duncker Hall, Room 201, Hurst Lounge.

For more information, call 935-7130.

4 p.m. Assembly Series. "Getting a Grip: Clarity, Creativity and Courage in a World Gone Mad." Frances Moore Lappe, author. Graham Chapel. 935-5285.

5:30 p.m. Biophysical Evenings Seminar. "A Synthetic System for Deciphering Cis-Regulatory Interactions." Barak Cohen, asst. prof. of genetics. Cori Aud., 4565 McKinley Ave. 362-4152.

Wednesday, Nov. 7

8:30 a.m. Social Work Professional Development Program. "Veterans Social Work: R&R: Research and Resources for Veterans." Monica Matthieu, research asst. prof. For cost, location and information: 935-7573.

4 p.m. Biochemistry & Molecular Biophysics Seminar. "Formin' Actin Filaments for Cell Division." David Kovar, asst. prof. of molecular genetics & cell biology, U. of Chicago. Cori Aud., 4565 McKinley Ave. 362-4152.

4 p.m. Germanic Languages and Literatures Lecture. "The Jewish Women of Ravensbrück Concentration Camp." Rochelle G. Saidel, founder, Remember the Women Inst. Co-sponsored by Jewish, Islamic and Near Eastern Studies. Eads Hall, Rm. 215. 935-8567.

Thursday, Nov. 8

Noon. Genetics Seminar. "A Family of Mechanosensitive Ion Channels in Arabidopsis." Elizabeth Haswell, asst. prof. of biology. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

4 p.m. History Colloquium. "Women's Identity, Women's Politics: Some Reflections on Twentieth Century U.S. Feminism." Linda Nicholson, prof. of women's studies. (Reception follows.) Duncker Hall, Rm. 201, Hurst Lounge. 935-5450.

4 p.m. Ophthalmology & Visual Sciences Seminar Series. "Shuttling G Protein Signaling Regulators in the Nervous System." Kendall J. Blumer, prof. of cell biology & physiology. Maternity Bldg., Rm. 725. 362-3315.

8 p.m. The Writing Program Fall Reading Series. Thomas Sayers Ellis, author, will read from his poetry. Duncker Hall, Room 201, Hurst Lounge. 935-7130.

Music

Thursday, Oct. 25

8 p.m. Jazz at Holmes. Reggie Thomas, piano. Ridgley Hall, Holmes Lounge. 935-4841.

Sunday, Oct. 28

7 p.m. Piano Extravaganza. E. Desmond Lee Concert Hall, 560 Trinity Ave. 935-4841.

Thursday, Nov. 1

8 p.m. Jazz at Holmes. Steve Schenkel, guitar. Ridgley Hall, Holmes Lounge. 935-4841.

Thursday, Nov. 8

8 p.m. Jazz at Holmes. Wolfgang Seligo, piano. Ridgley Hall, Holmes Lounge. 935-4841.

On Stage

Friday, Oct. 26

8 p.m. OVATIONS! Series. "Completely Hollywood (abridged)." (Also 8 p.m. Oct.

27.) Cost: \$30, \$25 for seniors, WUSTL faculty & staff, \$18 for students & children. Edison Theatre. 935-6543.

Friday, Nov. 2

8 p.m. OVATIONS! Series. "Nikolais Dance Theatre." (Also 8 p.m. Nov. 3.) Cost: \$30, \$25 for seniors, WUSTL faculty & staff, \$18 for students & children. Edison Theatre. 935-6543.

Sports

Friday, Oct. 26

3 p.m. Volleyball vs. Peru State U. BEARS Classic. Athletic Complex. 935-4705.

5:30 p.m. Men's Soccer vs. U. of Rochester. Francis Field. 935-4705.

7:30 p.m. Volleyball vs. Principia College. BEARS Classic. Athletic Complex. 935-4705.

7:30 p.m. Women's Soccer vs. U. of Rochester. Francis Field. 935-4705.

Saturday, Oct. 27

10 a.m. Volleyball vs. Adrian College. BEARS Classic. Athletic Complex. 935-4705.

1 p.m. Swimming & diving vs. DePauw U. Millstone Pool. 935-4705.

2:30 p.m. Volleyball vs. Webster U. BEARS Classic. Athletic Complex. 935-4705.

Sunday, Oct. 28

11 a.m. Men's Soccer vs. Case Western Reserve U. Francis Field. 935-4705.

1:30 p.m. Women's Soccer vs. Case Western Reserve U. Francis Field. 935-4705.

A first in St. Louis theater

American Indian Repertory Theatre presents award-winning play on campus

BY JESSICA MARTIN

In its first performance in St. Louis, the American Indian Repertory Theatre (AIRT) will present "Weaving the Rain," an award-winning play by Dianne Yeahquo Reyner. The play is being hosted by Washington University's Kathryn M. Buder Center for American Indian Studies.

"We have wanted to host a native theater presentation for over a decade because of the theater's ability to engage and move an audience while providing an education and enhanced awareness," said Dana Klar, J.D., director of the Buder Center.

"We can think of nothing better to offer our campus community in recognition of Native Heritage Month than this inaugural AIRT performance," Klar said.

"Weaving the Rain" follows the Two Crow family as they unravel the wall of silences and secrets that prevent them from taking their place as a family. The family comes together in a hospital waiting room after their father is brought in by an ambulance.

Reyner, a member of the Kiowa Nation, said "The Two Crow family, although fictional, is based in reality.

"It is a story about the long-term effects of policies focused on destroying Native American cultures. Native people continue to live under their shadow. Despite this, our communities grow stronger and flourish with each new generation. Native the-

ater is a part of this growth and I am proud to be a part of this thriving tradition, and I am pleased to be able to share this story of renewal," Reyner said.

"Weaving the Rain" was one of the six national finalists in the Kennedy Center/American College Theatre Festival original playwriting contest in 2004.

Based in Lawrence, Kan., AIRT is a nonprofit theater production company with the purpose of providing an American Indian theatre experience for Native and non-Native audiences. The company was founded by former members of the Haskell Indian Nations University Thunderbird Theatre to make quality American Indian theater available nationally and internationally.

The Buder Center, part of the George Warren Brown School of Social Work, is one of the most respected institutes in the nation for the academic advancement and study of American Indian issues related to social work.

Performances are 8 p.m. Nov. 10 and 2 p.m. Nov. 11 in the Village Black Box Theater, located within The Village dormitory complex at the intersection of Forest Park Parkway and Big Bend Boulevard. Seating is limited to 70 for each show, and advance tickets — \$8 for WUSTL students, \$10 for everyone else — are available by calling 935-6288. Tickets will be \$12 at the door.

The show is recommended for ages 12 and up. For more information about the performances, contact the Buder Center at 935-4510.

A cappella concert sponsored by Alliance of Students Against Poverty

BY NEIL SCHOENHERR

Rhythms for Rebuilding, WUSTL's largest benefit concert, will be held at 7:30 p.m. Thursday, Oct. 25, in Graham Chapel and will feature WUSTL's entire a cappella community.

The event, sponsored by the Alliance of Students Against Poverty and the WUSTL a cappella community, will raise money for causes related to hunger and poverty. Proceeds will benefit Centenary CARES, a soup kitchen in downtown St. Louis, and Meds & Food for Kids, a medical malnutrition foundation in Haiti started by Patricia A. Wolff, M.D., associate professor of clinical pediatrics in the School of Medicine.

Last year, the event raised more than \$3,000 for Common

Ground, a New Orleans organization working to rebuild minority and disadvantaged neighborhoods.

Tickets are \$5 for students and \$8 for adults and are on sale from now through the day of the concert in Mallinckrodt Student Center from 11 a.m.-1 p.m. and in Wohl Student Center from 5-7 p.m. Tickets also will be available at the door. In addition to performances by individual a cappella groups, the seniors from each group will perform one song together. For more information, e-mail ackhanda@artsci.wustl.edu.

The groups to be featured are: After Dark, Amateurs, Aristocats, Greenleafs, More Fools than Wise, Mosaic Whispers, Pikers, Staam and Stereotypes.

Sports

Volleyball sweeps D-II UMSL

The No. 5 Bears defeated Division II University of Missouri-St. Louis, 3-0, Oct. 17. Senior Haleigh Spencer and junior Nikki Morrison, who each finished the match with 15 kills, led the Bears offensively.

The two combined to hit .371 in the win. Spencer had five kills in each of the three games played, while Morrison's best performance came in the first frame, when she totaled seven kills. Four Bears finished the match with double-digit digs. Sophomore Laura Brazeal and junior Alli Alberts each tallied 20, while Spencer and senior Lindsay Schuessler corralled 12 apiece. Junior Audra Janak finished the match with 46 assists. WUSTL (20-4) returns to the court Friday, Oct. 26, for the first day of the BEARS Classic.

Men's soccer splits home games

The No. 19 Bears split two non-conference home games last week, defeating Birmingham-Southern College, 1-0, Oct. 19, but falling by the same score to St. Norbert College Oct. 21.

Freshman Harry Beddo scored the game-winning goal against Birmingham-Southern. Beddo's goal came in the 25th minute and was assisted by senior Elie Zenner. The 1-0 win was the Bears' ninth shutout of the 2007 season. Against St. Norbert, WUSTL controlled most of the offensive action but never managed to find the back of the net. St. Norbert's Sebi Buyukaslan netted the game-winner in the 56th minute. The Bears held a 13-2 advantage in shots on goal against the Green Knights.

Alumni

Excelling in education, medicine, business, law
— from Page 1

professor, Jacobs was appointed the Drs. Ben and A. Jess Shenson Professor.

While at Stanford, Jacobs managed a number of medical school and clinical care responsibilities, including the Oncology Day Center. She also served as senior associate dean for education and student affairs. From 1997 to 2001, Jacobs directed Stanford's Clinical Cancer Center. She served for a brief time as director of the Clinical Cancer Program at UCSF.

She has dedicated many years of service to the American Society of Clinical Oncology and has been on its Education Planning, Nominations, Health Services, Oncology Manpower and Strategic Planning Groups committees in addition to the Conflict of Interest subcommittee.

The list of professional awards Jacobs has received attests to her significant contributions in both teaching and research. She has earned a presidential citation from the American Society of Head and Neck Surgery, a Kaiser Foundation Award for Innovative and Outstanding Contributions to Medical Education and the Alvin C. Rambar Award for Excellence in Patient Care. From Stanford, she has received five outstanding teaching awards.

WUSTL has given Jacobs its Aphrodite Hofsommer Award for outstanding academic accomplishments and the School of Medicine's Alumni Achievement Award. In addition to assisting in planning school reunions, Jacobs is a long-standing contributor at the Eliot Society level to the medical school's Class of 1972 scholarship fund.

Steven F. Leer

As an undergraduate in the early 1970s, Leer became interested in the energy industry. After earning a master's degree in business administration at the Olin Business School, he took a job with Ash-



Hatch



Jacobs



Leer



Pollard



Shelton



Stupp

land Oil Inc. Thus began, through a succession of mergers and acquisitions, his distinguished career with Ashland and its subsidiaries.

Over the years, Leer held a number of executive management titles within Ashland: The Valvoline Co. (a subsidiary), Ashland Coal Inc. and Arch Mineral (another affiliation of Ashland). Under his direction, Ashland acquired Arch Mineral Corp., Ashland Coal Inc. and Arco Coal, creating the second-largest U.S. coal producer. In 1998, he was named president and chief executive officer of Arch Coal Inc.

Keeping a company thriving in an industry full of challenges is not easy, and Leer has been recognized for being at the forefront of innovation for clean coal and coal conversion initiatives. In 2005, he was included in *BusinessWeek's* "Web Smart 50."

Leer serves on numerous boards, including Norfolk Southern Corp., USG Corp. and the Western Business Roundtable. He represents the industry through chairing the Coal Industry Advisory Board of the International Energy Agency and as a board member of the Center for Energy and Economic Development, the National Coal Council and the National Mining Association.

His generosity extends not only to the Olin Business School, for which he serves on its National Council, but also as a member of the advisory board of the Weidenbaum Center on the Economy, Government and Public Policy.

Last year, Leer was appointed to the Advisory Committee for the International Center for Advanced Renewable Energy & Sustainability (I-CARES), a major new environmental initiative at the University.

William B. Pollard III

Pollard credits his undergraduate experience with giving him the analytical abilities and the drive for excellence that have served him well throughout a 30-year career in law.

He earned a bachelor's degree in political science in Arts & Sciences in 1970 then earned law and master's of business administration degrees from Columbia University. After graduation, the St. Louis native stayed in New York and began carving out a distinguished reputation as a civil, white-collar and regulatory enforcement litigator. In 1974, he joined Paul Weiss Rifkind Wharton & Garrison law firm, specializing in commercial litigation.

Pollard left the private sector to serve as an Assistant United States Attorney in the U.S. Attorney's Office for the Southern District of New York, the nation's premier prosecutorial office. Several years later, he was chosen by then U.S. Attorney Rudolph Giuliani to serve as Deputy Chief of the Criminal Division. He returned to private practice five years later and continues as a partner with the firm Kornstein Veisz Wexler & Pollard LLP.

Pollard's service to his alma mater has been exceptionally generous and includes membership on the Black Alumni Council and the New York Regional Cabinet. In addition, he chairs The Tie That Binds, a network that generates scholarship funding among WUSTL's African-American alumni. For 13 years he served on the Arts & Sciences National Council. He and his wife have recently established an endowed scholarship in Arts & Sciences.

Philip D. Shelton

Within just a few years after Shelton earned a juris doctorate

from the School of Law in 1972, he found his true calling: teaching and academic administration. In 1974, he returned to his alma mater as a visiting assistant professor. The following year, he became associate dean, and after serving in that role for a decade, Shelton was named acting dean. He served in that capacity until 1987, when he was appointed dean and professor of the Walter F. George School of Law at Mercer University in Macon, Ga.

In 1993, Shelton became president and executive director of the Law School Admission Council (LSAC), the U.S./Canadian organization that serves the needs of law schools and their applicants. In this capacity, Shelton oversaw all responsibilities for the study of legal education, including the administration of the Law School Admission Test (LSAT).

During his tenure, which ended this year, Shelton instituted measures to expand access to legal education for underrepresented and disadvantaged persons.

Shelton's professional service has been dedicated to LSAC, for which he has served on its board 24 of the last 26 years. While living in St. Louis, he served as a member of the Board of Directors of Legal Services of Eastern Missouri Inc.

He has served on the School of Law's National Council. He recently established the Philip Shelton Fellowship Fund to support diversity in the law school student body. In 1999, he was honored with the School of Law Distinguished Law Alumni Award.

J. J. Stupp

A pioneer in the emergence of St. Louis as a high-tech center, Stupp has influenced a great many of the city's startups. Most important, she helped create the current positive conditions in her hometown for these types of companies.

Stupp earned a master's degree in business administration from WUSTL in 1983 and immediately went to work for a local real estate investment firm. Quickly becoming part of the technology community, she helped design and develop the St. Louis Technology Center. She also helped write the initial state legislation for the Missouri Innovation Center program, later serving as the Center's first manager.

Her involvement with several startup companies throughout the past 25 years has included managerial, financial advising and investing roles. These firms have been as diverse as one that developed diode-pumped lasers for medical, commercial and military applications to the publishing of award-winning educational games.

Today Stupp is chief financial officer of Exegy Inc., which she co-founded with the University in 2003. The company licenses a technological advancement that provides extremely fast and flexible solutions for searching, analyzing and processing data. This important technique originated in the University's School of Engineering. Among Stupp's first employees are fellow alumni.

As a longtime member of the Alumni Board of Governors, she has contributed her time and talents to its Young Alumni and Technology groups and served as its chair from 2004-05.

For Olin, she has served as president of the Business School Alumni Executive Committee and is a member of its National Council and its Entrepreneurship National Council.

Grant

Will use online course management system
— from Page 1

experience active learning in the classroom and frequent critique from the faculty and other students.

"We want to raise the interaction level to a significant degree," Goldman said. "I think this approach appeals to the engineering mentality. People are attracted to computer science and engineering because it is a creative discipline. Educational research shows that if students are creating during class, rather than sitting there listening, motivation will be higher and the students will learn more."

Goldman noted that computer science and engineering never have been entirely passive, and that many design and capstone courses are hands-on where students have opportunities to develop presentation skills.

"But, we're taking that up several notches," he said. "We expect our students to become leaders in computer science and engineering, so they need to develop a strong technical foundation, strong communication and collaboration skills, the ability to carry out innovative designs and an understanding and appreciation of other disciplines and cultures."

"The goal of this transformation is to help students accom-

plish this more efficiently by integrating a lot more design activities and collaboration into class time," Goldman said.

This fall, lectures from a number of courses, including "Computer Science I," "Algorithms and Data Structures" and "Introduction to Systems Software," will be broken up into smaller chunks.

As the active learning transformation is phased in over several years, passive content will be delivered through an online course management system (CMS).

Students will be able to use some of that material to prepare for in-class learning activities that otherwise would have been done at home.

The CMS also will help students track where they are in the curriculum and enable them to keep portfolios of their project work — useful in job searches and graduate-school applications.

The CMS also will support planning by providing information on prerequisites for each module in the curriculum and allow students from other areas who might want to participate in an interdisciplinary studio to find an efficient pathway through the curriculum to take such courses.

"Because course content will be separated into smaller modules, a student outside of computer science could work with a computer science and engineering (CSE) department faculty member to fashion an independent study that would get

them up to speed in order for them to participate in an interdisciplinary studio in a meaningful way," Goldman said.

In the spirit of being interdisciplinary, Goldman and the CSE department are collaborating with Peter MacKeith, associate professor of architecture, in studio-based instruction.

"Architecture has a long history of studio-based instruction," Goldman said. "Peter will help faculty learn techniques for interacting with students more effectively in studio courses, and he will critique us along the way."

"It's striking how similar the design processes are in computer science and architecture. We expect that much of the teaching technique will transfer well," Goldman said.

R. Keith Sawyer, Ph.D., associate professor of education in Arts & Sciences and an investigator on the grant, will provide professional development for faculty in the area of active learning.

As courses are phased in, Sawyer will help faculty plan active learning sessions that make the most of class time.

Lynn Stein, Ph.D., of Olin College of Engineering in Boston, will provide curriculum support based on her multidisciplinary teaching experience at her school.

Other investigators from the CSE department are Ron K. Cytron, Ph.D., professor; Roger D. Chamberlain, Ph.D., associate professor; Christopher D. Gill, Ph.D., associate professor; and Cindy M. Grimm, Ph.D., associate professor.

Disease

Mentally ill more likely to smoke
— from Page 1

and 10 percent of the population, they consume a disproportionate amount of all cigarettes smoked in the United States. Many psychiatric medications also tend to contribute to weight gain, in part by making people less active and sometimes by stimulating appetite, and weight gain can be a prominent side effect of some antipsychotic drugs in particular.

But that's not the whole story. Newcomer also reports that patients with severe mental illness are significantly less likely to receive therapies of proven benefit for problems with cholesterol, diabetes, hypertension or heart disease. Those who have survived a heart attack are less likely to receive appropriate medications, cardiac catheterization procedures or bypass surgery than heart-attack patients without mental illness.

Regarding preventive care, Newcomer cited data from a national study of 1,500 patients with chronic schizophrenia who participated in the National Institute of Mental Health-funded Clinical Antipsychotic Trials of Intervention Effectiveness (CATIE) study. The CATIE study found that 88 percent of patients entering the study with high cholesterol did not take lipid-lowering drugs. Another 30 percent with diabetes at the start of the study received no anti-diabetes medications, and 62 percent of those with high blood pressure were not taking any anti-hypertensive medication.

Those with severe psychiatric illness also are less likely to be screened for high cholesterol,

high blood pressure or diabetes, despite the evidence of increased risk in general and specific evidence that some antipsychotic drugs can have adverse effects on body weight, glucose metabolism and lipid levels.

A solution, Newcomer argued, will emerge only if psychiatrists and primary-care providers can work together.

"This requires coordination," he said. "And coordination between psychiatric professionals and primary-care providers is not easy when they often are physically located in different places. There are transportation issues and scheduling issues. For healthy people, the need to make an extra appointment lowers the probability that it will actually happen, and research further indicates that when patients with severe mental disorders have to go across the hall, it reduces the probability they will get care. If they have to cross the street, the probability gets even lower. Without case managers and others working closely with these patients, in general those follow-ups won't happen."

Getting psychiatrists to change their routine is important. Newcomer said that to lower the risk of cardiovascular complications, psychiatrists may need to regularly weigh their patients, take blood pressure and screen appropriately for blood glucose, cholesterol and triglycerides.

"I think there's some 'low-hanging fruit' here," he said. "Just getting psychiatrists engaged in this type of general health monitoring should help. Most of these patients already are seeing a physician, and if that physician and medical team can screen for cardiovascular risk factors, we may be able to intervene and find ways to lower that risk significantly."

Notables

Introducing new faculty members.

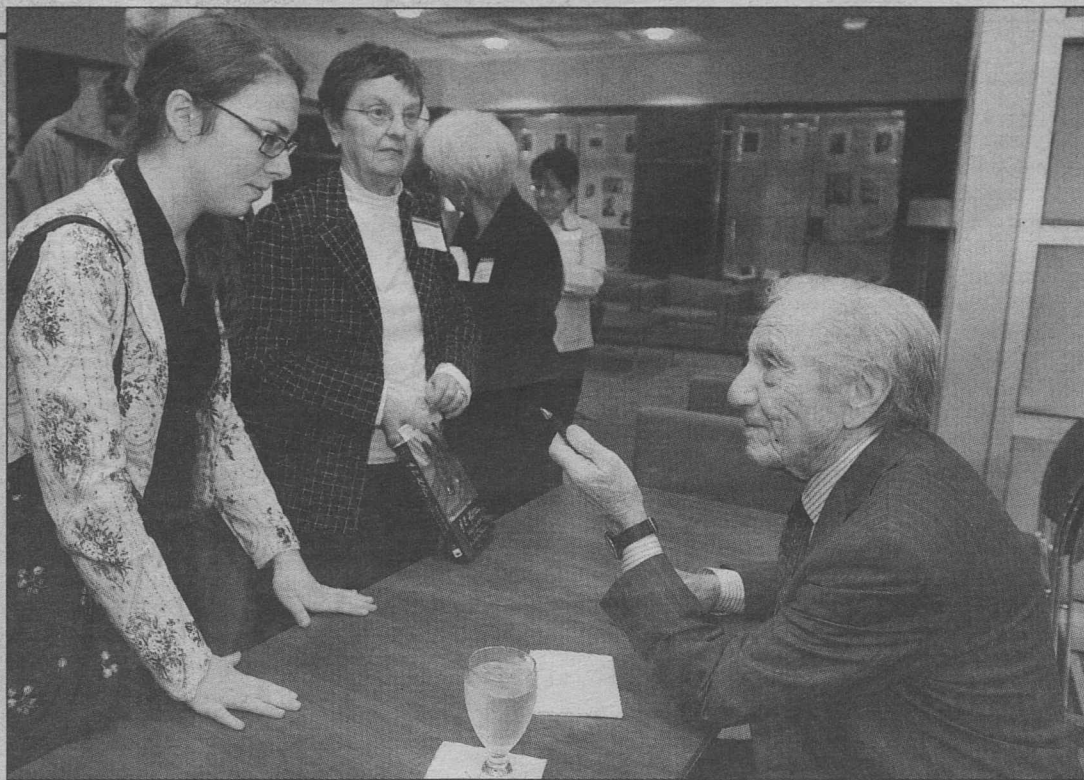
The following are among the new faculty members at the University. Others will be introduced periodically in this space.

Cheryl Block, J.D., joins the School of Law as professor. She earned a bachelor's degree from Hofstra University and a juris doctorate from the State University of New York at Buffalo. Block clerked for the Honorable Kevin Thomas Duffy in the Federal District Court for the Southern District of New York and practiced tax law in New York City. Before joining the University, Block served on the faculty at the George Washington University Law School. She also has taught at the University of Missouri-Columbia and the University of New Mexico. Block has written numerous articles on taxation, public policy relating to federal bailouts, legislative voting rules, social choice theory and the interplay between federal tax and budget policy.

Jeff Catalano, Ph.D., joins the Department of Earth and Planetary Sciences in Arts & Sciences as assistant professor. He earned a bachelor of science degree from the University of Illinois at Urbana-Champaign in 1999 and a doctorate from Stanford University in 2004. For the past three years, he has been the Harold Urey Postdoctoral Fellow in the Environmental Research and Chemistry Divisions at Argonne National Laboratory. His research interest centers on the structure and reactivity of mineral-water interfaces, the location of important environmental reactions that affect contaminant fate, the composition of natural waters and biogeochemical element cycling. He currently is investigating the molecular ordering of interfacial water, the mechanisms through which arsenic adsorbs to mineral surfaces and ferrous iron activation of dynamic structural changes of iron oxide surfaces.

Mariska Leunissen, Ph.D., joins the Department of Philosophy in Arts & Sciences as assistant professor. She earned a master's degree in philosophy in 2002, a master's degree in classics in 2003 and a doctorate in philosophy in 2007, all at Leiden University, the Netherlands. She also has been a visiting scholar in the joint ancient philosophy program at the University of Texas at Austin for the past three years. Her interests are in ancient natural philosophy and philosophy of science (mainly Aristotle but also the Pre-Socratics and the ancient medical tradition) and in contemporary philosophy of biology.

Ron Shalev, Ph.D., joins the Olin Business School as assistant professor of accounting. Shalev received his doctorate from Columbia Business School at Columbia University in New York. His research interests include managerial discretion and accounting choices, earnings management, mergers and acquisitions, intangible assets and disclosure and financial statement analysis. Shalev formerly was chief financial officer of Goldnet Communications and chief executive officer of CreditGuard in Tel Aviv, Israel.



Hotchner's memoirs A.E. Hotchner (right) visited Olin Library Oct. 17 to read an excerpt from "The Boyhood Memoirs of A.E. Hotchner" and also signed autographs for interested audience members such as Dara Malina (left), a senior in Arts & Sciences. Also speaking at the event were Chancellor Mark S. Wrighton; Edward S. Macias, Ph.D., executive vice chancellor, dean of Arts & Sciences and the Barbara and David Thomas Distinguished Professor in Arts & Sciences; and Shirley K. Baker, vice chancellor for scholarly resources and dean of libraries. Hotchner, an Arts & Sciences and School of Law alumnus, is a renowned author, playwright and editor. As a student, Hotchner participated in a playwriting competition, placing ahead of classmate Tennessee Williams. Years later, Hotchner helped reinstate the competition as the annual A.E. Hotchner Playwriting Festival. The Performing Arts Department's black box theater is named in his honor.

Gass presented with Saint Louis Literary Award

By NEIL SCHOENHERR

William H. Gass, Ph.D., the David May Distinguished University Professor Emeritus in the Humanities in Arts & Sciences, was scheduled to be presented with the 2007 Saint Louis Literary Award during a ceremony Oct. 24 at Saint Louis University.

Past recipients of the honor include Saul Bellow, Eudora Welty, John Updike, Richard Ford, Joan Didion and Chinua Achebe.

Gass taught for 30 years in the Department of Philosophy in

Arts & Sciences. He is the author of several novels, two story collections and several works of collected essays.

He has won numerous major literary awards during his career, including the National Book Critics Circle Award an unprecedented three times: in 1985 for "Habitations of the Word: Essays"; in 1996 for "Finding a Form"; and in



Gass

2003 for "Tests of Time."

He also won the 1997 Lannan Lifetime Achievement Award, the 2000 PEN/Nabokov Award and the PEN/Nabokov Lifetime Achievement Award, which he has called his "most prized prize."

He was elected to the American Academy of Arts & Sciences in 1982 and to the Institute of Arts & Letters in 1983.

Gass was the founder (in 1990) and first director of the University's International Writers Center in Arts & Sciences — now known as The Center for the Humanities in Arts & Sciences.

Mole rats

Mammals that live their lives in pulses

— from Page 1

"I make the case (in my book) that if you really want to understand the lab work, you also have to know what these animals are doing in the wild," Braude said.

Some of the "hottest" research on naked mole rats concerns senescence, or aging. Naked mole rats in the lab have reached up to 28 years of age. And that's not the result of the controlled environments of their captivity. Braude has observed mole rats in the wild that are 17 years and older. "For a rodent of this size, they are ridiculously long-lived," Braude said.

But these are the breeders. Lab researchers didn't realize that in the wild, worker mole rats live only two or three years.

A key component in the aging of any species is oxidative damage, where cells, as they age, accrue damage from poisons, environmental toxins and other effects. In such a long-lived rodent, it was thought naked mole rats had a very efficient way of repairing oxidative damage. But current theory points to the strange metabolism of this hairless wonder.

Naked mole rats appear to deal with oxidative stress in pulses, largely due to their ability to essentially shut down their metabolism when there are hardships such as a lack of food. In this way,

mole rats may be able to rid their body of harmful reducing agents and poisons more easily during these metabolic pulses.

"Another way to think of it — their gross life span might be 28 years, but their metabolism is going in these short bursts, so maybe the net damage is only 3 or 4 years of net use," Braude said. "They're living their life in pulses."

Shelley Buffenstein, Ph.D., of the University of Texas at San Antonio, is one of the researchers leading the way in senescence research and the naked mole rat. She hopes to accompany Braude to Kenya in 2009 to observe mole rats in their natural habitat.

So how are these naked guys going to help us? Parrots and sea turtles also are long-lived, and perhaps one day humans will be able to harness whatever biological process these animals are using as well.

"If we understand how these different species do it, then the next step is to figure out how we can get those benefits with either drug treatments, changing diet or changing lifestyle," Braude said. "It's nice that we have a mammal that also is (living long), so there is hope that it's not just a bird and reptile thing."

The senescence of naked mole rats is not Braude's primary concentration. He considers himself a behavioral ecologist and takes his perspectives on physiology and applies it to these animals in the wild. He originally was drawn to these animals, as were many

researchers at the time, because of their eusocial behavior. Naked mole rats, like bees and ants, have a queen and workers.

During his time studying naked mole rats in Kenya, Braude observed many traits and behaviors that make this animal unique.

Naked mole rats in nature kidnap pups from other colonies and bring them back to serve as workers in their own tunnels;

Court of Appeals session Oct. 25

By JESSICA MARTIN

The Missouri Court of Appeals Eastern District will hold a special session at 9:30 a.m. Thursday, Oct. 25, in the School of Law's Bryan Cave Moot Courtroom in Anheuser-Busch Hall.

The public is invited to hear cases involving the breach of a contract in the construction of a parking lot, a wrongful death case and the criminal appeal of a grandfather convicted of child molestation.

The court periodically holds sessions in law schools as part of an educational program.

The judges hearing oral arguments are Patricia L. Cohen, chief judge; Kathianne Knaup Crane; and Lawrence E. Mooney.

After the special session, the judges will be available to answer general questions about judicial procedure as well as judicial clerkships.

To limit the amount of disturbances to the proceedings, visitors are asked to enter and exit the courtroom only during breaks between each attorney's oral argument.

Case briefs for the oral argument session will be on temporary reserve in the law school's library.

For more information, call 935-6430 or visit law.wustl.edu.

Of note

Jose M. Capriles Flores, graduate student in anthropology in Arts & Sciences, has received a one-year, \$14,976 grant from the National Science Foundation for research titled "A Zooarchaeological Perspective on the Development of Camelid Pastoralism in the South Central Andes of Bolivia." The research will be performed under **David L. Browman**, Ph.D., professor of anthropology in Arts & Sciences.

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Washington People

Erika Crouch, M.D., Ph.D., professor of pathology and immunology, jokes that she “can’t get away from Washington.”

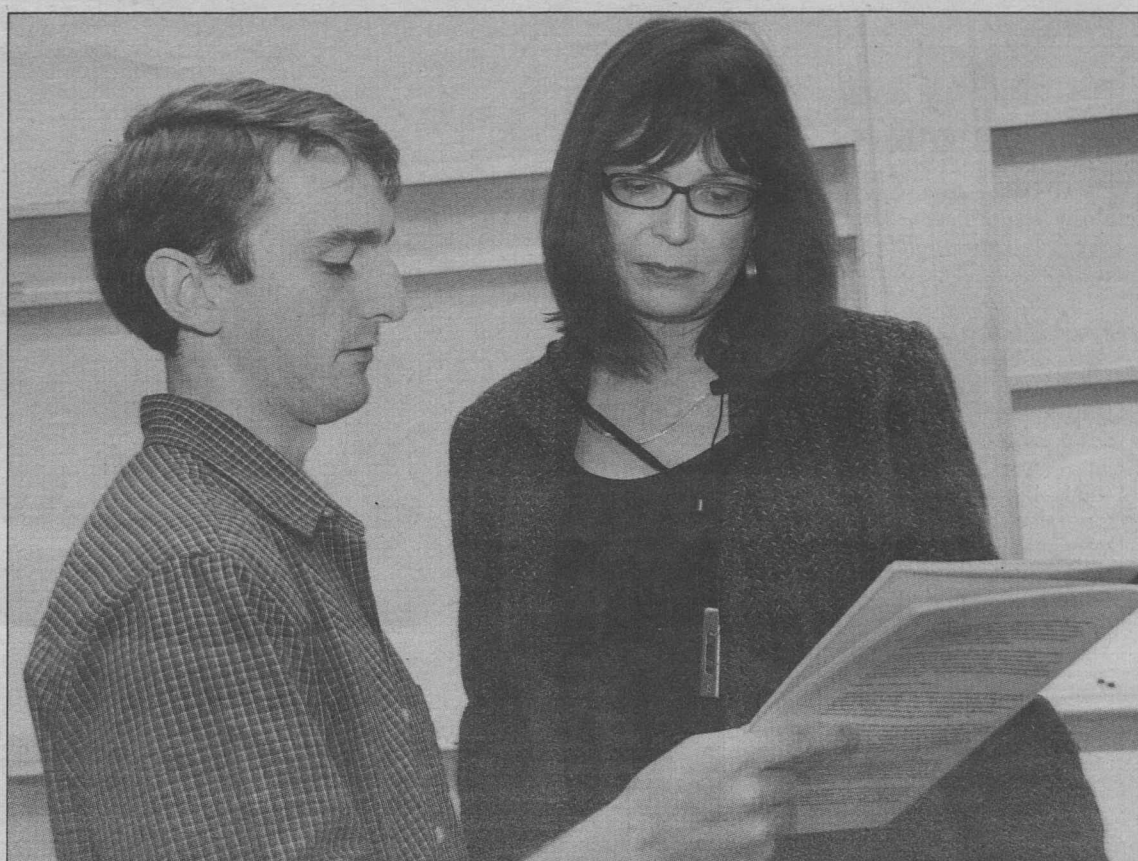
Crouch was born and grew up in Richland, Wash. She attended Washington State University and the University of Washington. When she came to St. Louis, she lived for a time in Washington Place. And, since 1983, she has been a faculty member at Washington University School of Medicine.

Looking back on close to a quarter-century at the University, Crouch has no regrets.

“In many jobs, if you stayed in one position for such a long time, you might feel like you were in a rut,” she says. “But medical faculty can do different things at different times. You can work in science, the clinical arena, in administration and teaching, so the blend constantly changes. And I’ve never been bored.”

Despite her love of a diverse career, there is one true crown among Crouch’s assorted hats: teaching. Since 1996, Crouch has been the coursemaster for the yearlong pathology course that all second-year medical students take.

“You constantly learn, you’re constantly asked questions you



Erika Crouch, M.D., Ph.D., professor of pathology and immunology, talks about lung disease with Aaron McAllister, a second-year medical student, after class. “Dr. Crouch is a phenomenal instructor because she focuses on the knowledge and issues that we will actually need as clinicians,” says Yeamee Sheref, a third-year medical student. “As students, we all get the sense that she really cares about us and wants us to excel. To feel like your professor is on your side is a great feeling to have.”

By MICHAEL C. PURDY

Fired up about teaching

Erika Crouch’s enthusiasm about education keeps her students excited to learn

can’t answer, and it’s just very satisfying,” she says.

According to Crouch, the class she teaches is a pivotal one for students.

“This is where they begin to get into the heart of medicine,” she says. “Students get their first real introduction to all the things they came to school to study: how things go wrong at the level of a cell or a tissue or an organ, how that’s associated with the symptoms of disease and how that information can be used to predict the course of a disease.”

Because of the need to show students photos and other images of diseases and the processes that underlie the diseases, Crouch’s pathology course was among the first at the School of Medicine to make use of computer technology. Syllabi, readings, images and other information were made available online.

“I think having material online feeds into the idea that we want to give students alternative ways to learn,” Crouch says. “Not everyone learns the same way, so we want to provide different options for people with different learning styles.”

One of the course’s primary tasks, according to Crouch, is to ensure that students are comfortable with the language of disease. She asserts that familiarity with this language is essential if stu-

dents are to keep up with new developments after they become established professionals.

“You can’t just take what you learn in medical school and move on,” she says. “The terminology students learn in second-year pathology provides much of the basis for investigating and talking about disease, and those tools are critical for lifelong learning.”

Crouch marvels not only at the way the medical curriculum has changed but also at the way years of teaching have changed her. She remembers being a quiet medical student and notes that pathology is “not the most people-oriented specialty.” Only after she started teaching did she develop a yearning for standing in front of large audiences and regularly interacting with more than 100 students.

“As much as I love science and taking part in patient care, I don’t think there’s any question that education is the thing that really gets me fired up,” she says. “And because I’m genuinely excited about it, it’s easier for students to come away feeling that what I’m teaching them is important and exciting.”

Her students have consistently affirmed this assessment. Crouch is a perennial winner of the School of Medicine’s Coursemaster of the Year Award and its Pre-clinical Teacher of the Year

Award. In the past eight years, she has won the former award six times and the latter five times. She has also received two Distinguished Teaching Service Awards and the Alumni Board of Governors Distinguished Faculty Award.

“Dr. Crouch is a phenomenal instructor because she focuses on the knowledge and issues that we will actually need as clinicians,” says Yeamee Sheref, a third-year medical student. “As

students, we all get the sense that she really cares about us and wants us to excel. To feel like your professor is on your side is a great feeling to have.”

Making a discovery

As a doctoral student, Crouch began studying a class of tissues known as the extracellular matrix — not actual cells, but materials secreted by cells that provide support to the cells.

In the late 1980s and early ’90s, Crouch was looking for new components of the lung’s extracellular matrix when her lab became the first to identify a molecule now known as surfactant protein D. She initially thought it was a collagen, a class of common connective proteins. But as she and other members of her lab took a closer look, some surprising features emerged. Through her research and that of others, scientists soon began to suspect that surfactant protein D might have important roles in fighting infection and regulating inflammation.

Crouch frequently collaborates on surfactant protein D studies with Kevan Hartshorn, M.D., professor of medicine at Boston University.

“Erika is the most brilliant, creative and generous scientist I’ve had the good fortune to collaborate with in my career,” Hartshorn says. “She has made original contributions to the understanding of host defense in the lung and always seems to be a step ahead in her understanding and her use of original techniques.”

Much of Crouch’s research now focuses on modifying components of surfactant protein D and testing how that affects the molecule’s properties.

“Scientists are interested in whether we could treat patients suffering from rapidly progressing infections with modified versions of surfactant protein D,” Crouch says. “But surfactant protein D has many different roles, and that means it’s going to take us a while to figure out how to safely use it for treatment.”

Making a home

Crouch remains very fond of Washington state and makes it back there as often as she can, but she says St. Louis has become her second home.

“It’s so easy to get where you want to go, and when you get there, it doesn’t cost you much to

do it,” she says.

Crouch, a self-proclaimed “city person,” lives in a loft in the Dorris Motor Car Co. Building, a former factory in the Central West End that is listed on the National Register of Historic Places.

Crouch has served on the board of the building for several years and is active in the maintenance of its infrastructure.

“The Dorris Co. was the first luxury car manufacturer west of the Mississippi, and it lasted up through the late 1920s,” she says. “My loft has lots of exposed pipes and other interesting architectural features.”

Crouch’s good friend and occasional research collaborator Linda Sandell, Ph.D., professor of orthopaedic surgery and of cell biology and physiology, praises both the loft and its decorator.

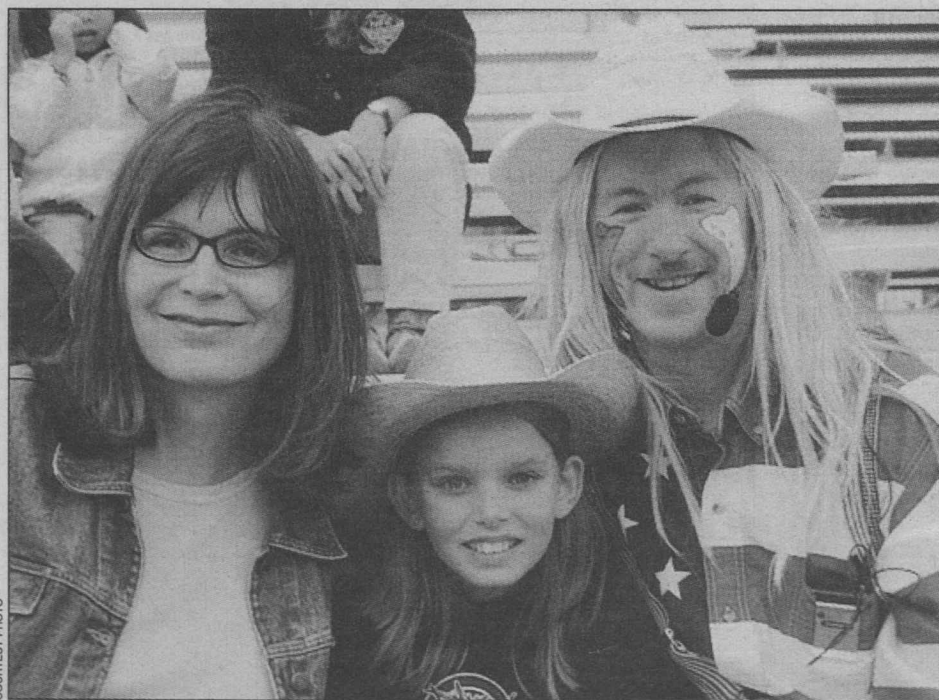
“She has great taste in art and such a beautiful contemporary condominium,” Sandell says. “She also hosts great dinner parties and has a very interesting collection of friends.”

“I like to cook, but I don’t really have a specialty,” Crouch says. “When I have guests over, I’ll usually go out and look for something interesting to cook and experiment on my guests. I warn them ahead of time of this,” she adds with a laugh.

Crouch engages in a wide variety of pastimes, including shopping and the arts, likes several genres of music and types of ethnic cuisine and occasionally plays the guitar.

She will admit to one regular pastime: Every morning, Crouch gets up early and watches the sun rise over the Gateway Arch from a window in her loft.

“I haven’t always had an easy life, but right now I’ve kind of found my way, and I’m very happy,” she says. “I like feeling happy and being around family and good friends.”



Erika Crouch; daughter Leeza, 12; and a rodeo clown in Aspen, Colo.

Erika Crouch

Family: Parents Clark and Barbara; brother Allan; daughter Leeza, 12

Born: July 17, 1950, in Richland, Wash.

Favorite singer: Julio Iglesias

Favorite eateries include: Chez Leon

Favorite comfort food: Chicken soup at Little Saigon