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Washington University Record, March 26, 1998

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George Will to speak at Commencement

Pulitzer Prize-winning newspaper columnist George F. Will will deliver Washington University's 137th Commencement address May 15, speaking on "Public Affairs, Public Policy and American Society."

Commencement begins at 8:30 a.m. with the traditional academic procession into Brookings Quadrangle. During the ceremony, an honorary doctor of letters will be bestowed on Will.

"I am delighted that a distinguished social commentator such as George Will will address the University community and our guests at Commencement," Chancellor Mark S. Wrighton said. "Through his decades in journalism as well as his teaching, he has dedicated himself to explaining the important issues of our time and encouraged the public discourse that is vital in a participatory democratic society."

Will's newspaper column has been syndicated by the Washington Post since 1974. Today it appears twice weekly in nearly 500 newspapers throughout the United States and in Europe. In 1976, Will became a regular contributing editor of Newsweek magazine, for which he provides the back page essay twice a month. In 1977, he was awarded the Pulitzer Prize for commentary. Will also is a founding member of the panel of ABC television's Sunday morning news program "This Week."

Six collections of Will's columns have been published. The most recent, published in 1997, is

titled "The Woven Figure: Conservatism and America's Fabric." Will also has published three books of political theory, and in 1990, he published "Men at Work: The Craft of Baseball." This May, a collection of Will's new and previously published writings on baseball will be published under the title "Bunts."

A native of Champaign, Ill., Will was educated at Trinity College in Hartford, Conn., Oxford University and Princeton University, where he earned a doctoral degree. He has taught political philosophy at Harvard University, Michigan State University and the University of Toronto. From 1970 through 1972, Will served on the staff of the U.S. Senate. He was Washington editor of National Review magazine from 1973 through 1976. Will lives and works in the Washington, D.C., area.



George F. Will

Lee Epstein named Mallinckrodt Professor

Lee Epstein, Ph.D., chair of the Department of Political Science in Arts and Sciences and a member of the Washington University faculty since 1991, has been appointed the Edward Mallinckrodt Distinguished University Professor of Political Science.

Epstein will be installed in a ceremony at 4 p.m. April 30 in the Formal Lounge of the Women's Building.

"Lee is a dynamic leader of the Department of Political Science, her research is among the most important in the political science field, and she is an inspiration to her students," said Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences. "She exemplifies the qualities of our best

faculty, and I look forward to working with her in the years to come."

Epstein received three degrees from Emory University — a bachelor of arts in 1980, a

master's in 1982 and a doctorate in 1983. After teaching at Emory and Southern Methodist University, she joined the political science

department at Washington University in 1991. In July 1993, she was made a full professor, and in 1995, she was appointed chair of the department.



Lee Epstein

Her current research explores decision making in the U.S. Supreme Court and makes extensive use of the private papers of several retired justices. She has received grants from the National Science Foundation to collect data on court cases and interest group participation in litigation.

Author, co-author or editor of 11 books on law or the Supreme Court, Epstein also has written numerous articles and chapters in edited volumes. One of her books, "The Supreme Court Compendium: Data, Decisions, and Developments," received a special recognition award from the Law and Courts Section of the American Political Science Association; an Outstanding Academic Book Award from Choice, a

Continued on page 6



We're No. 1!

Senior point guard Erica Stagen (42) holds aloft the NCAA Division III Women's Basketball Championship trophy following the Bears' 77-69 national title victory over University of Southern Maine Saturday, March 21, in Gorham, Maine. See story on page 6.

Improving social studies is goal of regional effort

How do you survive the Canadian wilderness? What can we learn from a grandparent? And why is there a lawyer in my classroom?

These questions — posed to St. Louis area elementary, middle and high school students in imaginative programs throughout the school year — will be highlighted at an upcoming gathering of 150 local social studies teachers.

The Goals 2000 Social Studies Project Conference, to be held April 23 at the St. Louis Science Center, marks the culmination of one phase of a year-long program here and at other Missouri universities to explore ways to improve teacher education across the state.

The project, which started in October 1997 and continues through June, is funded by the U.S. Department of Education through the Missouri Department of Elementary and Secondary Education.

To fulfill the task, the state

was divided into regions, and each region was given a specific topic to research. St. Louis was assigned social studies teacher education. Within the metro area, five universities — Washington University, the University of Missouri-St. Louis, St. Louis University, Webster University and Fontbonne College — were given subset projects. The suburban Pattonville School District is coordinating the overall program.

Each university then worked in conjunction with its partners in the Professional Development School Collaborative, an already established citywide network of partnerships between schools of all levels. Washington University's collaborative relationships are with Kirkwood High School and Clay Elementary School.

"The idea behind the professional development school is that everybody is a colleague," said Donna Gardner, Ph.D., adjunct assistant professor of education in

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30 years of ABS

Hundreds of students, faculty and staff join the Association of Black Students (ABS) March 16 to celebrate ABS' 30th anniversary and the 1968 occupation of Brookings Hall. Board of Trustees Chairman William H. Danforth and Chancellor Mark S. Wrighton took part in the events, including a march from Bowles Plaza to Brookings and an address by the Rev. Jonathan Weaver (BU '72), first ABS president. The 1968 events led to the establishment of the Department of African and Afro-American Studies in Arts and Sciences and to increased recruitment of minority students.

On the inside

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Alzheimer's disease can be diagnosed about two years earlier than previously thought

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U.S. Civil Rights Commission Chair Mary Frances Berry speaks here

Nominations invited for first recipient of White distinguished service award

The Gloria W. White Distinguished Service Award has been established to provide Universitywide recognition to a staff member for exceptional effort and contribution that result in the betterment of Washington University. The annual award is named for Gloria W. White, who retired in 1997 as vice chancellor for human resources after 30 years at the University.

"Our ability to offer superior education, to achieve path-breaking research and to expand and improve the direct services that we offer is due in large measure to the dedicated support of our staff," said Chancellor Mark S. Wrighton.

While exceptional effort and contribution can be described in many ways, for the purpose of

Continued on page 6

Medical Update

Alzheimer's disease can be diagnosed in the very early stages

Alzheimer's disease can be clinically diagnosed about two years earlier than is generally thought, according to a large study of aging people. The research shows that even very mild forms of the disorder can be distinguished from the memory changes that occur with normal aging.

There are several reasons why early diagnosis is important, said lead researcher Leonard Berg, M.D., professor of neurology. "First, it provides an opportunity to prescribe medications that can help with symptoms," he said. "Second, there are several reversible medical conditions, such as hypothyroidism and depression, that can produce Alzheimer-like symptoms. Third, people ought to know they have Alzheimer's disease while

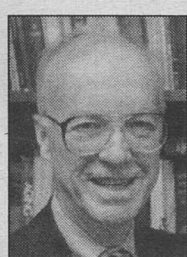
they're still able to make decisions about future care."

The study, described in the March issue of *Archives of Neurology*, involved 224 patients, some of whom had been followed for as long as 16 years. Each patient was examined yearly and classified either as having Alzheimer's or as being cognitively healthy. The diagnoses were based on videotaped interviews with patients, relatives and friends. The patients were rated on memory, orientation, judgment and problem solving, cognitive functioning at home and in the community and ability to undertake personal care.

After each participant died, a pathologist performed an autopsy on the brain. Alzheimer's was confirmed if the brain contained plaques of a protein called beta-

amyloid and tangled nerve cells called neurofibrillary tangles.

The autopsy results confirmed 93 percent of the 207 positive



Leonard Berg

diagnoses, including those of 17 people in the very mild stage of the disease. One of them was an 83-year-old man who had hired an accountant to file his tax return when he had always filed the return himself. Another patient hadn't remembered how to get to the highway, and a third had had trouble filling out bank deposit slips.

"So something is changing," Berg said. "The person is having

a little more difficulty getting things done. There also may be changes in other intellectual functions, such as coming up with words or performing calculations."

The 7 percent of patients who proved not to have Alzheimer's disease turned out to have rare degenerative diseases of the brain that also can produce dementia. The lack of pathology in 13 brains confirmed the cognitively healthy diagnoses. One person with a normal brain, however, was mistakenly diagnosed with very mild Alzheimer's.

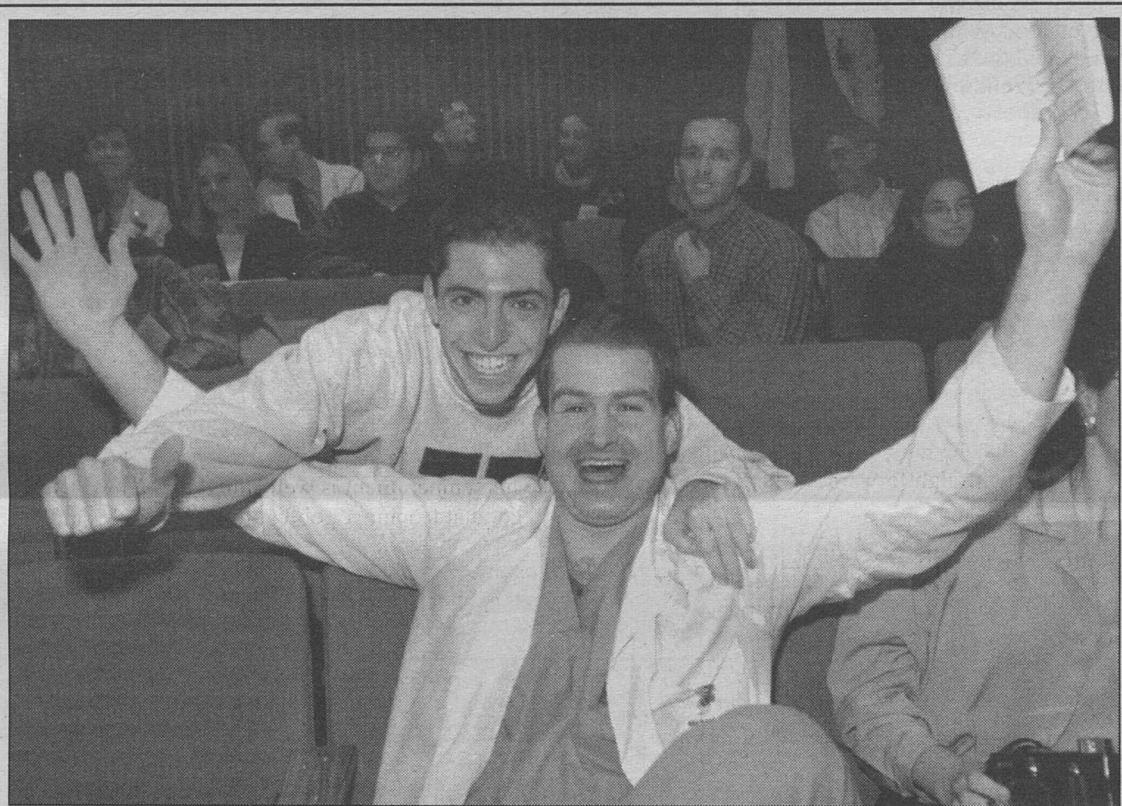
The study showed that the brains of patients with even very mild Alzheimer's are choked with amyloid plaque. "It is our notion that amyloid deposition is one of the early features of the disease," Berg said. "The number of neurofibrillary tangles, on the other

hand, was more closely related to the severity of dementia."

Berg said the average family physician could diagnose mild Alzheimer's by taking more time to gather a complete history from patients and their families. The mental status questionnaires that physicians currently use are useful only when the disease is fairly advanced, he said.

"We're saying: 'Listen up, people. Our autopsy findings present substantial new evidence that Alzheimer's disease can be clinically diagnosed even at the very mild stage, when the disease does not interfere substantially with everyday activities,'" Berg said. "Any experienced physician who takes the time could detect these changes — whether or not patients recognize that something's amiss."

— Linda Sage



Matching up for residency programs

Fourth-year students Richard Kasufkin (left) and Michael Todora celebrate their matches on Match Day, which was March 18. Each year on Match Day, senior medical students in the United States learn which residency programs they will enter. Kasufkin will conduct his residency at Macneal Hospital in Berwyn, Ill., where he will train in family practice. Todora will train in preliminary medicine and diagnostic radiology at Barnes-Jewish Hospital.

Genetic link to benefits of exercise is study subject

Dabeeru C. Rao, professor of biostatistics and director of the Division of Biostatistics, has received a four-year \$1.8 million grant from the National Heart, Lung and Blood Institute (NHLBI) to coordinate a multi-center study on exercise, genetics and disease risk factors.

The grant will allow Rao and colleagues to search for genetic factors that give people an added benefit from regular exercise. Previous studies suggest that some exercisers only lose weight, whereas others also improve their heart rates and gain additional benefits that reduce the risk of cardiovascular disease or diabetes. "If two similar neighbors do the same activity and respond differently, there must be genetic or environmental differences involved," Rao said. "We want to nail down the factors underlying these differences and determine how they interact."

He also hopes the study — the first of its kind to look at families — might suggest whether lifestyle or genetic differences play a more important role in the differing risks blacks and whites have for cardiovascular disease and diabetes.

The researchers will analyze genetic and health data obtained from 201 sedentary families that

took part in the NHLBI-funded Heritage Family Study. These data were gathered by investigators at four field centers at the University of Indiana, Texas A&M University, the University of Minnesota, and Laval University in Quebec, Canada. Washington University and Laval University researchers now will identify those families that share a genetic tendency to gain a health benefit from exercise training in addition to losing weight. The investigators also will hunt for the genes responsible for this advantage.

During the initial five-year study, sedentary members of 103 black families and 98 white families followed a 20-week exercise program using stationary bikes. Each black family included at least two sedentary members — two siblings or a parent and child — and each white family had two sedentary parents and at least three sedentary children. The 745 volunteers exercised three times a week, and the training regimen became progressively longer and more difficult.

The data include measurements of blood pressure, heart rate, lipids, obesity and other indicators related to diabetes and cardiovascular function before and after the exercise program.

Rao and colleagues will work with the Quebec researchers to look for patterns that suggest a hereditary basis for additional health benefits from exercise. After analyzing data from individual family members, they will combine this information with family tree diagrams to clarify inheritance patterns. Treva Rice, Ph.D., research assistant professor of biostatistics; Ingrid Borecki, Ph.D., research associate professor of biostatistics; and Michael A. Province, Ph.D., associate professor of biostatistics, then will apply statistical models to explore the links between genetic and health data.

Rao and colleagues also will search for specific genes that might give some physically fit people greater protection from diabetes or cardiovascular disease.

The findings should be useful whether or not they reveal specific genes, Rao said. "Identifying beneficial genes could lead to the development of drugs or other therapies that reduce the risk of cardiovascular disease or diabetes," Rao said. "And if it turns out that certain environmental factors are critical, people can avoid the conditions that predispose them to these diseases and practice behaviors that improve their health."

Michael Holtzman named editor-in-chief of journal

Michael J. Holtzman, M.D., the Selma and Herman Seldin Professor of Medicine in Pulmonary Diseases, has been named editor-in-chief of *The American Journal of Respiratory Cell and Molecular Biology* effective July 1.

Holtzman, who is director of the Division of Pulmonary and Critical Care Medicine, has served as associate editor of the journal — also known as the "Red Journal" — since 1992. He was named editor after an international search involving 32 candidates.

"I am very pleased to be named editor because this journal is the best in the area of basic science and lung research, so it is an important forum for new work on lung disease," Holtzman said. "This is an opportunity to influence the type of research that is being done in my field and to ensure that it is meaningful and useful."

His selection also is an opportunity to bring a prestigious journal to Washington University, said Holtzman. The *Red Journal* will join several others—including *Immunity*, *The Journal of Vascular and Interventional Radiology*, *The Annals of Thoracic Surgery*, *Neurobiology of Disease* and *Kidney International*—whose editorial offices are located at the School of Medicine.

This journal, which also became available on-line in February, is one of those published by the 12,000-member American Thoracic Society, the medical section of the New York City-based American Lung Association (ALA). The ALA produces two other journals: *American Thoracic Society News* and *The American Journal of Respiratory and Critical Care Medicine* (or the "Blue Journal").

Holtzman will be responsible for appointing a deputy editor and directing 14 associate editors, a 30-member editorial board and a publication staff, located in Chicago. His primary job is to oversee and streamline the journal's peer-review process. He also will do budgeting and staffing for the journal, along with planning articles for its front section.

A major priority, he said, will be to expand this front section with an increased number of state-of-the-art mini-reviews, perspectives from

scientific leaders, pro-and-con editorials and brief articles on translational research, such as genome projects or cellular immunology. "I would like to see the journal offer a forum for dialogue between clinical and more basic cell and molecular biology issues," he said.

Holtzman is the recipient of numerous research awards, including a five-year \$9.4 million basic research grant in 1996 from the National Heart, Lung and Blood Institute. In 1988, he received the ALA Schering Career Investigator Award. Holtzman chaired ALA's Asthma Research Initiative (now called AsthmaAttack) in 1996 and 1997. He also has served on many research review committees and study sections for both the ALA and the National Institutes of Health.



Michael J. Holtzman

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Record (USPS 600-430; ISSN 1043-0520), Volume 22, Number 25/March 26, 1998. Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO, 63130. Periodicals postage paid at St. Louis, MO.

Address changes and corrections:

Postmaster and non-employees: Send to Record, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO, 63130.

Hilltop Campus employees: Send to Office of Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO, 63130.

Medical Campus employees: Send to Payroll Office, Washington University, Campus Box 8017, 660 S. Euclid Ave., St. Louis, MO, 63110.

Electronic Record: To view the Record on the World Wide Web, go to <http://wupa.wustl.edu/record/record.html>

Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Washington People

Bill Smith: a study in steadfastness

In a field of rapid change, Bill Smith is a constant. For 31 years, Smith, director of Computing and Information Systems, has dedicated himself to Washington University.

In that time, he has held so many positions and served on so many University committees and task forces that he can't remember them all. But his devotion to the University always has been consistent.

"I love Washington University," Smith said. "This place is wonderful. There's a lot of smart people around. It's just a great place to be associated with."

"Love" is a word that comes easily to Smith. He loves St. Louis and considers himself a St. Louisan, although he was raised until age 12 in Greenville, Ala. He loves his family, which includes his wife, Sue; son, Daniel; daughter, Kim Selle; and Selle and her husband's two children. And he loves his job.

"One thing that I really love about our job is we do get to get around and see a lot of people at the University and get to know a lot of people," Smith said. "It's really kind of fun."

Programming computers and heading a department of about 100 employees might not seem like fun to a lot of people. But the job is perfect for Smith, an exacting man with a strong work ethic, a thirst for knowledge and a Will Rogers-type of affection for people. "I like everybody," he said.

That comes in handy because for Smith computing is not a solitary pursuit. "With computing and networking, it just isn't that way," he said. "It requires a lot of people."

Smith's position, which he's held since 1986, takes him to every school and all three campuses. He works with other computer groups on campus and with people who use administrative computer systems for things such as payroll and student records.

"People think of our department as 'those computer guys,' but we really don't view ourselves that way," Smith said. "The secret is that our job is not just technology. Our job is understanding the business processes and then applying appropriate technology. We think of ourselves more as business people than we do technology folks."

Keeping pace with constant change

The task keeps Smith and his department busy not only working but keeping pace with continually changing technology and the need to revise business processes.

"People in our department are constantly going to classes," Smith said. "We're in a constant state of change. So if you don't like change, being in this business is the wrong place to be."

Smith seems to have found the right place to be since joining the University as a maintenance programmer in 1967. He always has been interested in computing. "I took a few classes when I was younger and just fell in love with it," he said. Pursuing that career has taken him to some of the region's largest employers. Before coming to the University, Smith worked for what was then McDonnell Aircraft and moved on to Monsanto Co. where, he said, "I got lucky enough to get an opportunity to do some programming and took to it like a duck to water."



In his spare time, Bill Smith, director of Computing and Information Systems, leaves computers behind and takes to the skies in his Cessna 182 four-seater plane, shown here at Spirit of St. Louis Airport in Chesterfield, Mo.

In describing himself, Smith was at a loss for words. That's something, he said, he never thought about. But others consistently described him in virtually identical terms: practical, dedicated and, above all, humble.

"He's wonderfully self-effacing," said Robert J. Benson, J.D., a principal with The Beta Group Inc. and affiliate professor of computer science. Benson, who himself has a long association with the University starting with his student days in the early 1960s, worked with Smith as director of computing facilities from 1973 to 1991. "He completely responds to the needs of the organization he works for; he's a master at that. He inspires great loyalty from people," Benson said. "Keep things straightforward — that's the

**"He completely responds
to the needs of the
organization he works for;
he's a master at that.
He inspires great loyalty
from people."
— Robert J. Benson**

foundation of his business philosophy. Practically any problem can be solved; he'll keep at it until it's done."

That perseverance shows in the amount of work Smith takes on. Currently, he is on the steering committee of the Information Technology Planning group. The group is charged with the leviathan task of assessing the University's existing technological resources, identifying opportunities, setting priorities and establishing needs for the future. A final report from the committee is scheduled to be presented to Chancellor Mark S. Wrighton next week.

Smith also is tackling the year 2000 computer date glitch, referred to in the field as Y2K. He is in charge of reviewing and changing all the mainframe programs for central administrative functions on campus so that they properly handle years beyond 1999. The problems, he said, are generally easy to fix; the difficulty is in finding them in the many places they can exist. He counsels the University not to wait on identifying Y2K problems. "The best advice," he said, "is start looking and asking questions now."

He also has been asked to assist in running the Office of the University Registrar. The position, which has no official title, is on a yearlong trial basis.

"I do enjoy working hard," Smith said.

For Smith, working hard seems an innate characteristic, but hubris is not. "He's very modest," said Martin Dubetz, director of the Office of the Network Coordinator, who often works with Smith. "He likes to do his job and goes about it in an unassuming way."

In nine years of collaborating on projects with Smith, Dubetz said one of Smith's greatest contributions is a wealth of knowledge formed of decades at the University. "With his history here, he's got more insight than other people do," Dubetz said. "Of all the people here, I can't think of anyone more dedicated to the University than he."

That dedication does not end with work; Smith is equally devoted to his family. "He's always there for you," said Selle, who

gets emotional when she talks about her dad. "He's the one side-by-side, rolling up his sleeves."

Selle, a University alumna, said her father's employment longevity is partly due to the fact that his job is interesting — so interesting it inspired her in her own computing career. Selle joined the Office of Undergraduate Admissions last April as director of operations — a natural for someone who "grew up with the University."

When it comes to his contributions to the University, Smith is as modest as he is devoted, Selle said. "He isn't someone to wave his own flag," she said. "He's more of a quiet success." He is successful, she believes, partly because his temperament is well suited to the job. "He's patient, good at teaching, good at leading," Selle said. "He's very persistent."

An example of that persistence was Smith's determination to earn a college degree. Smith spent 10 years attending night school at University College in Arts and Sciences while working one full-time job and a couple of part-time jobs. In 1971, he graduated with a bachelor's degree in systems and data processing.

In that endeavor, he particularly credits his wife. "Those were busy times," Smith said. "My wife raised our kids because I wasn't home," he joked.

In fact, he credits his wife, Sue, for many things. The couple has been married so long that Smith had to stop and do the math — 36 years — in his head. They are an indivisible pair. "The best way to describe Sue and me — which is an important way to describe things — is we're busy all the time," Smith said.

Busy not only with work but with the pursuit of other heights. On weekends, the down-to-earth Smith spends much of his time in the clouds. He and his wife are both pilots. Avid fliers, they'll often take their red-and-white four-seater Cessna 182 for a spur-of-the-moment lunch in another state. "We call that getting a \$100 hamburger," Smith said.

Hooked on flying

Smith remembers the exact date the pair became "hooked" on flying: Labor Day 1993. A year later, they bought their plane, a framed photograph of which sits on a shelf in Smith's West Campus office. Sue, who teaches second grade at Maple Grove School in Jefferson County's Dittmer, Mo., is the better pilot of the two, according to Smith. "She's better at most things," he said.

When they're not in the air, the couple enjoys spending time with their 5- and 7-year-old grandchildren. "Having grandkids is better than having kids," Smith said, laughing. "I would skip kids and go right to grandkids if I had it to do over."

Smith also likes professional sports. Occasionally, he flies to Kansas City to see the Chiefs play a football game. And he has season tickets to St. Louis' less-heralded team. "I don't like the Rams," he said, "but I do like football."

The sport he really likes is baseball. He once was a St. Louis Cardinals season ticket holder and was in the stands for the Chicago White Sox' last night game at the old Comiskey Park. But Smith became disenchanted with the sport after the strike of 1994. "I've not gone back to a game even with free tickets offered," said Smith, who has yet to see the grass field at Busch Stadium. "It's killing me."

Such self-discipline is typical of Smith. Stalwart, steady and self-effacing, his long-term commitment to work, to the University and to his family seems to come naturally. He is, as Selle said, a leader by example, someone whose actions speak for themselves and for whom speaking of them is unnecessary, indeed embarrassing.

"He's special," Benson said. "Bill represents the very best."

— Martha Everett



Downtown St. Louis spreads beneath Bill Smith as his plane banks over the Mississippi River.

Calendar

Visit Washington University's on-line calendar at
<http://cf6000.wustl.edu/calendar/events/v1.1>

March 26-April 4



Exhibitions

"Art of the '80s: Modern to Postmodern." Through April 5. Upper gallery, Gallery of Art. 935-4523.

"Powerful Grace Lies in Herbs and Plants: A Joint Exhibit on Herbal Medicine." Sponsored by Missouri Botanical Garden Library and Bernard Becker Medical Library. Through April. Seventh floor, Bernard Becker Medical Library, 660 S. Euclid. 362-4235.

Selections from the Washington University art collections. Through April 5. Lower galleries, Gallery of Art. 935-4523.

"The Book Arts in St. Louis: 1898 to 1998." Through May 22. Special Collections, level five, Olin Library. 935-5495.

"The Halftime Show." Artwork by School of Art graduate students. Opening reception March 27, 5-8 p.m. Through April 24. Lower level, West Campus. 935-4643. (See story on this page.)



Films

Thursday, March 26

7:45 p.m. French and Francophone Film Series. "Une Pure Formalité" (1994). Room 162 McDonnell Hall. 935-5175.

Friday, March 27

7 and 9:30 p.m. Filmboard Feature Series. "Four Weddings and a Funeral." (Also March 28, same times, and March 29, 7 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Midnight. Filmboard Midnight Series. "Searching for Bobby Fisher." (Also March 28, same time, and March 29, 9:30 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor(s), title of event, name(s) of speaker(s) and of affiliation(s) and admission cost. Mail items to Kurt Mueller at Campus Box 1070 or fax to 935-4259 or e-mail to Record_Calendar@aismail.wustl.edu. Submission forms are available by calling 935-4926 and can be downloaded from the Record Web site at <http://wupa.wustl.edu/record/guide.html>.

The deadline for all entries is noon Tuesday one week prior to publication. Late or incomplete entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline or holiday schedule or need more information, call 935-4926.

Tuesday, March 31

7 p.m. Filmboard Foreign/Classic Series. "The Killing Fields." (Also April 1, same time.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Wednesday, April 1

6 p.m. Japanese Film Series. "Rashomon" (1950). English subtitles. Room 219 Ridgley Hall. 935-5156.

Thursday, April 2

7:45 p.m. French and Francophone Film Series. "Delicatessen" (1991). Room 162 McDonnell Hall. 935-5175.

Friday, April 3

7 and 9:30 p.m. Filmboard Feature Series. "The Full Monty." (Also April 4, same times, and April 5, 7 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Midnight. Filmboard Midnight Series. "Thelma & Louise." (Also April 4, same time, and April 5, 9:30 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.



Lectures

Thursday, March 26

Noon. Genetics seminar. "Volvox and the Origins of Cellular Differentiation." David L. Kirk, prof. of biology. Room 823 Genetics Library, McDonnell Medical Sciences Bldg. 362-7076.

1 p.m. Biology seminar. Faculty Search Candidate Seminar Series. "New Directions in Community Ecology." Peter Morin, ecology, evolution and natural resources dept., Cook College, Rutgers U., and candidate for ecologist/evolution of developmental mechanisms faculty position. Room 309 Rebstock Hall. 935-6706.

1:10 p.m. Social Work Spring Lecture Series. "Strategies for Relevance: Social Work in Post-Welfare America" Josephine A.V. Allen, president, National Assoc. of Social Workers. Brown Hall Lounge. 935-7453.

4 p.m. Chemistry seminar. "Magnetoresistance of Eu, MnSb₂ and Nanocluster of Si and Ge: Strategies in Synthesis with Zintl Phases." Susan Kauzlarich, UC-Davis. Room 311 McMillen Lab. 935-6530.

4 p.m. Earth and planetary sciences colloquium. "Dynamics of the Mantle: A Top Down System." Don L. Anderson, geology and planetary science dept., Calif. Inst. of Tech. Room 112 Wilson Hall. 935-5610.

4:15 p.m. Philosophy-Neuroscience-Psychology Program colloquium. "Metarepresentation and the Worldly Mind." Robert Wilson, asst. prof. of philosophy, U of Ill.-Urbana-Champaign. Room 215 A and B, Psychology Bldg. 935-5119.

4:30 p.m. Mathematics colloquium. "Bloch and Landau Constants for Holomorphic Functions." Hiroshi Yanagihara, prof. of mathematics, Yamaguchi U, Japan. Room 199 Cupples I Hall. 935-6748.

5:30 p.m. Art history and archaeology lecture. "Signs and Symbols in the Art of the Black Volta Region." Christopher D. Roy, prof. of art history, U. of Iowa. Room 116 Givens Hall. 935-5270.

Friday, March 27

9:15 a.m. Pediatric Grand Rounds. "Diagnostic Imaging for Head Injuries in Children." Kimberly S. Quayle, instructor in pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar. "The Actin Cytoskeleton: Its Effect on Regional Cell Stiffness Measured by AFM and its Role in Cellular Response to Stretch." Frank C-P Yin, chair and the Stephen F. and Camilla T. Brauer Professor of Biomedical Engineering. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

Noon. School of Art Friday Forum Lecture Series. Speaker is Robert Duffy, art critic, St. Louis Post-Dispatch. Cost: \$15 (includes lunch). Upper gallery, Gallery of Art. 935-4523.

1:15 p.m. Center for the Study of Islamic Societies and Civilization seminar. "The Middle East Literary Seminar." Presentations and discussion on literatures of the Middle East. (Continues through March 29.) Alumni House. 935-5166.

6 p.m. Brain Awareness Week event. Brain researchers and community leaders will speak about new developments in and benefits from neuroscience research. St. Louis Science Center, 5050 Oakland Ave. Reservations required. 362-6697.

Saturday, March 28

8:15 a.m.-1 p.m. AIDS Clinical Trials Unit and MATEC-EM Conference. "Practical Approach to Managing HIV Disease: An Update From the Fifth Conference on Retroviruses and Opportunistic Infections." Cost: \$40. The Ritz-Carlton Hotel, 100 Carondelet Plaza. 362-2418.

Monday, March 30

Noon. Molecular biology and pharmacology seminar. "Ras-mediated Signal Transduction During C. elegans Development." Kerry Kornfeld, asst. prof. of molecular biology and pharmacology. Pharmacology Library: Philip Needleman Library, Room 3907 South Bldg. 362-2725.

3 p.m. Mathematics analysis seminar. "Marcinkiewicz-Zygmund Theorem, Rogosinski's Formula and Universal Taylor Series." Manolis Katsoprinakis, visiting prof. of mathematics, U. of Mo.-Columbia. Room 199 Cupples I Hall. 935-6760.

4 p.m. Biology seminar. "Balding in Plants??? It's a Question of Cell Fate." David Marks, assoc. prof. of genetics and cell biology, U. of Minn.-St. Paul. Room 322 Rebstock Hall. 935-7569.

4 p.m. Immunology Research Seminar Series. Student-sponsored seminar. "Chemokine Receptors: Roles in Development and in HIV Pathogenesis." Dan R. Littman, Howard Hughes Medical Inst., Molecular Pathogenesis Program, The Skirball Inst. of Biomolecular Medicine, NYU Medical Center. Eric P. Newman Education Center. 362-2763.

Tuesday, March 31

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Genetic Analysis of Malaria Sporozoite Infectivity." Robert Menard, pathology dept., NYU Medical Center. Cori Aud., 4565 McKinley Ave. 362-8873.

Wednesday, April 1

6:30 a.m. Anesthesiology Grand Rounds. "Anesthetic Toxicity: Myths, Realities and Controversies." Evan D. Kharasch, prof. of anesthesiology and adj. prof. of medicinal chemistry, U. of Wash.-Seattle. Wohl Hospital Bldg. Aud., 4960 Children's Place. 362-6978.

11 a.m. Assembly Series lecture. Martin Luther King Jr. Symposium keynote address. "Achieving Diversity in the 20th Century: The Struggle Continues." Mary Frances Berry, chair, U.S. Civil Rights Commission. Graham Chapel. 935-5285. (See story on page 5.)

Thursday, April 2

Noon. Genetics seminar. "Large Families of Chemoreceptor Genes: What They Tell Us About the Nematode Genome." Hugh Robertson, U. of Ill.-Urbana-Champaign. Room 823 Genetics Library, McDonnell Medical Sciences Bldg. 362-7076.

1:10 p.m. Social Work Spring Seminar Series. "Managed Care: Problem or Panacea?" King E. Davis, prof. of social work, Virginia Commonwealth U., Richmond. Brown Hall Lounge. 935-7453.

4 p.m. Chemistry seminar. "Tailored Porous Metal-Organic Materials." Omar Yaghi, asst. prof. of chemistry, Ariz. State U. Room 311 McMillen Lab. 935-6530.

4 p.m. Earth and planetary sciences colloquium. "Dating Topographic Uplift of the Sierra Nevada, California, Using Apatite (U-Th)/He Ages." Martha House, asst. prof. of geology, SLU. Room 112 Wilson Hall. 935-5610.

4 p.m. Joint Center for East Asian Studies lecture. "The Ethnic Nation and the Political State in Modern Japan: Dimensions of an East Asian Problem." Kevin M. Doak, assoc. prof. of modern Japanese history, U. of Ill.-Urbana-Champaign. Room 30 January Hall. 935-4448.

4:15 p.m. Philosophy colloquium. "Reflections on Moral Psychology." Michael Stocker, prof. of philosophy, Syracuse U. Room 110 January Hall. 935-6640.

4:30 p.m. Mathematics colloquium. Speaker is Almut Burchard, prof. of mathematics, Princeton U. Room 199 Cupples I Hall. 935-6748.

Friday, April 3

Noon. Cell biology and physiology seminar. "Cadherins and Catenins in Signaling and Morphogenesis." Barry Gumbiner, Memorial Sloan-Kettering Cancer Center, NY. Room 426 McDonnell Medical Sciences Bldg. 362-3964.

6 and 8:30 p.m. WU Association Travel Lecture Series. "Wales — In Spirit and Song." Bob Willis. Cost: \$4.50. Graham Chapel. 935-5212.



Performances

Friday, March 27

8 p.m. Performing arts dept. performance. "Machinal." St. Louis premiere of Sophie Treadwell's 1928 play. (Also March 28, April 3 and 4, same time, and March 29 and April 5, 2 p.m.) Cost: \$10; \$7 for faculty, staff, students and senior citizens. Edison Theatre. 935-6543.

Show features MFA students' work

"The Halftime Show," an exhibition of artwork by first-year candidates in the School of Art's graduate program, will open with a reception from 5 to 8 p.m. Friday, March 27, and remain on view through April 24. The exhibition will be held at West Campus, lower level. Gallery hours are 11 a.m. to 5 p.m. Monday through Friday.

An all-media exhibition, "The Halftime Show" will include work by Matt Anderson, George C. De Baca, Suann Childers, Gregory Coan, Eric Conrad, Carrie Custer, Jennifer Dorsey,



Music

Sunday, March 29

3 p.m. Student recital. Kendra Ford, soprano; Nathan Ruggles, baritone; and Henry Palkes, piano. Graham Chapel. 935-4841.



Miscellany

Registration open for the following Office of Continuing Medical Education seminars: "Topics in Thoracic Surgery: A Seminar for Allied Health Professionals" (March 30-31), Eric P. Newman Education Center, and "Practical Oncology for Practitioners" (April 3-4), The Ritz-Carlton Hotel, 100 Carondelet Plaza. For times, costs and to register, call 362-6891.

Saturday, March 28

10 a.m.-5 p.m. Brain Awareness Week event. "Voyage into the Brain." Lectures and interactive activities about the brain. (Continues March 29, noon-5 p.m.) St. Louis Science Center, 5050 Oakland Ave. 362-6697.

1 p.m. Saturday workshop. "Setting up an Arts Business." Instructor: Marilyn Cathcart. Cost: \$35. 935-4643.

6:30 p.m. Woman's Club dinner dance. "I Could Have Danced All Night." Music by WU Jazz Band. Semi-formal. Cost: \$27.50; reservations required. Holmes Lounge, Ridgley Hall. 725-0372 or 862-4569.

Tuesday, March 31

8 p.m. Writing program poetry reading. Author Pamela Hadas will read from her new book. Hurst Lounge, Duncker Hall. 935-7130.

Friday, April 3

4 p.m. Writing Program fiction reading. Joe Rossi, fellow in fiction, and Julia Hanna, asst. dir., Writing Program. Hurst Lounge, Duncker Hall. 935-7130.

Saturday, April 4

9:30 a.m. Saturday workshop. "Heat Transfer Imaging." Transfer color photocopies to paper and cloth with CLC paper. Cost: \$40. 935-4643.

1 p.m. Saturday workshop. "About Metro Trap." D.B. Dowd talks about creating his Saturday satire for the Post. 935-4643.

Randy Gilmore, Helene Grabowski, Jessica Halonen, Kaz Koshio, Julian Lynn, Andrea Martin, Missy McCutcheon, Wes Snavely and Alex Wu.

The art school's Master of Fine Arts Program is recognized as one of the most distinguished of its kind in the country, preparing students for professional careers in the visual arts. Students in the program come from all over the United States and abroad.

For more information, call 935-4643.

Rights advocate to keynote MLK Symposium April 1

Mary Frances Berry, chair of the U.S. Civil Rights Commission, will deliver the Martin Luther King Jr. Symposium keynote address, titled "Achieving Diversity in the 20th Century: The Struggle Continues" at 11 a.m. Wednesday, April 1, in Graham Chapel, as part of the Assembly Series. The lecture is free and open to the public.

The annual Martin Luther King Jr. Symposium is organized by the Association of Black Students



Mary Frances Berry

(ABS). This year's symposium theme is "30 Years Later...The Civil Rights Struggle Continues."

Berry is the Geraldine R. Segal Professor of American Social Thought at the University of Pennsylvania, where she teaches history and law. In 1980, she was appointed by then-President Jimmy Carter and confirmed by the Senate as a member of the U.S. Civil Rights Commission. President Bill Clinton appointed her chair in 1993.

Berry served as the assistant secretary for education in the U.S. Department of Health, Education and Welfare (HEW) during the Carter Administration. Before serving with HEW, she was provost at the University of Maryland, College Park, and chancellor at the University of Colorado at Boulder. She also is one of the founders of the Free South Africa Movement, which organized protests at the South African Embassy in the struggle for that country's democracy. She has been arrested and jailed several times for the cause.

Berry has written six books, including "The Politics of Parenthood: Child Care, Women's Rights and the Myth of the Good Mother" and "Black Resistance/White Law: A History of Consti-

tutional Racism in America." She has appeared as a guest on the television shows "Nightline," "Face the Nation" and "The Today Show" and on CNN and C-Span. Berry has been the recipient of the NAACP's Roy Wilkins and Image Awards, the Rosa Parks Award of the Southern Christian Leadership Conference and the Ebony Magazine Black Achievement Award. The Women's Hall of Fame named her one of "America's Women of the Century."

Berry earned bachelor's and master's degrees from Howard University. She earned a doctorate in history from the University of Michigan and a juris doctorate degree from the University of Michigan Law School. She is a member of the District of Columbia Bar.

In addition to the lecture, the symposium will include the following events:

- "Races in the Schoolyard: Why Do Blacks Have to Run Harder to Catch Up?" — a panel discussion about educating black youth, to be held at 7 p.m. Monday, March 30, in Friedman Lounge;
- "Jury Nullification: Community Self-Determination or Judicial Mockery?" — discussion, set for 8 p.m. Tuesday, March 31, in the Women's Building Formal Lounge;
- "Reflecting on Revolution," a panel discussion about the ABS' 30th anniversary march at 7 p.m. Wednesday, April 1, in Friedman Lounge;
- "A Tribute to Black Men and Women," a recognition ceremony at 8 p.m. Thursday, April 2, in Holmes Lounge; and
- "Black Power Game Show" — an opportunity for students to test their knowledge of civil rights history, at 7 p.m. April 3 in Wohl Center.

For more information about Berry's lecture, call 935-5285. For more information about the symposium, call 935-5994.



MARY BUTTUS

Revving up the veggies

Senior engineering students (from left) Sarah Davenport, Todd Shimabukuro and Paul Rubel join in the fun at an edible pinewood derby Thursday, March 19, one of the Engineering Week events at the School of Engineering and Applied Science March 17-23. Davenport's celery-chassis creation won the contest in both speed and distance.

Lecture marks 40th anniversary of Martin Luther King visit here

When Mary Frances Berry, U. S. Civil Rights Commission chair, gives an Assembly Series lecture here Wednesday, April 1, during the annual Martin Luther King Jr. Symposium, the event will mark an important anniversary at Washington University: 40 years ago, King himself delivered an Assembly Series lecture in Graham Chapel.

Fresh from leading the year-long bus boycott in Montgomery, Ala., King delivered his address here Dec. 4, 1958. The charismatic civil rights crusader, then just 28 years old, spoke about the nation's journey toward the "promised land of integration."

Forty years after the lecture, Marvin Osborn, creator and director of the Assembly Series at the time of King's visit, remembers the experience vividly. "He spoke with the intelligence of a professor, with the sincerity of a minister and with the commitment of a man willing to lose his life for the cause of brotherhood," Osborn said. "He moved me like no other speaker ever has emotionally." Osborn served at the University during the 1950s as director of information and later as director of public relations and of funds development. He worked as a higher education consultant before retiring to Jacksonville, Fla.

The content of King's lecture was documented in Student Life's follow-up article. The lecture opened with the University Choir's presentation of the final movement of Honegger's "King David," after which King took the stage. In his opening remarks, King proclaimed his belief that "we are on the threshold of the most constructive period of our nation's

history." He went on to describe the times in the broad context of American history, outlining three periods in race relations in the United States — slavery, the separate-but-equal era from 1863 to 1954 and the then-new period of what he called "constructive integration." He went on to say: "I believe firmly that we are going to achieve the goals of the third period. I have faith in the future because I have faith in God."

King challenged the audience not to rest until segregation was gone and asserted the special responsibility of black Americans to keep working to achieve their goals without becoming bitter or resorting to violence. Student Life reported King's closing remarks: "If you can't fly, run; if you can't run, walk; if you can't walk, crawl, but by all means keep moving."

The decision to bring King to campus was made by the Assembly Series Committee, much as it is done today, although in 1958, the committee was made up entirely of students. Osborn recalls that not only were the students interested in King's work in the Montgomery boycott, they were interested as well in the fact that a man who was not much older than they were was leading a crusade for better racial relations.

When Osborn invited King to the University, he was impressed by King's eagerness in accepting. "I think that he really wanted to speak to young people because he felt that they represented the future of the country in terms of the decisions to be made later. He also had not spoken in St. Louis before, and he may have felt that St. Louis, which was home to the Dred Scott decision, was an important town to get his message across outside of the South." The infamous Dred

Scott ruling had defined African Americans essentially as property, not citizens.

Three prominent St. Louis hotels refused to accommodate King during his visit. "These hotels, upon hearing that he was an African American, all found reasons to say that they were filled up on that date," Osborn recalled. "It was the fourth hotel we called, the Chase Park Plaza, that finally said, 'We would be privileged to have him as our guest.'"

Upon meeting King, who was then only addressed as "Reverend," Osborn remembers thinking that this was a man of great focus who possessed a powerful idea. King was eager to discuss his mission with Osborn and spoke about his recent experiences in Montgomery. King seemed impressed with the campus and its architecture. He was interested in the School of Social Work and also in the presence of a chapel.

King's lecture, delivered to a capacity crowd, seemed to have a powerful effect on those in attendance, Osborn recalled. It had been only six years earlier, in 1952, that the University changed its policy to accept African-American undergraduates, and it was still in the process of desegregating many of its extracurricular and social activities, giving particular relevance to King's lecture.

"When our committee met after his visit," Osborn said, "there was obvious pride among the students, and I felt it myself. We felt that we had done something good for the University and good for the cause of Dr. King. It was dramatic to all of us who attended the lecture, because we were exposed to a speech that gave us a lot more information than we had previously and that I think won a lot of converts to the ideas that he was proposing." — Ryan Rhea

Sports

Compiled by Mike Wolf, asst. athletic director for media relations, and Kevin Bergquist, asst. director, sports information. For up-to-date news about Washington University's athletics program, access the Bears' Web site at rescomp.wustl.edu/~athletics/.

Men's tennis wins two of three matches

The men's tennis team beat National Association of Intercollegiate Athletics (NAIA) foe Graceland College, Lamoni, Iowa, 6-1 and NCAA Division I Chicago State University 7-0, but succumbed to another Division I foe, Illinois State University, Normal, 6-1 last weekend in home matches.

Current Record: 7-3

This Week: 9 a.m. Saturday, March 28, at Wheaton College Invitational (vs. Wheaton and Lake Forest College), Wheaton, Ill.; 9 a.m. Sunday, March 29, vs. Augustana College (at Rockford College), Rockford, Ill.

Women's tennis has winning 4-3 record

The women's tennis team sports a winning record (4-3) after winning matches last week vs. Principia College, Elsah, Ill., 6-3 and Graceland College 9-0. The Bears have won three of their last four matches.

Current Record: 4-3

This Week: 10 a.m. and 2 p.m. Saturday, March 28, vs. DePauw University (Greencastle, Ind.) and Millsaps College (Jackson, Miss.), Memphis, Tenn.; 10 a.m. Sunday, March 29, vs. Rhodes College, Memphis, Tenn.

Baseball rained out

Cold, wet weather wiped out four weekend games for the baseball team, which has been idle since returning from the University Athletic Association (UAA) Tournament in Cocoa, Fla., March 16. The Bears are scheduled to host three teams this weekend, including No. 2-ranked Carthage College.

This Week: 10:45 a.m. Saturday, March 28, vs. Benedictine University (Lisle, Ill.), Kelly Field; 1:15 p.m. Saturday, March 28 vs. Milwaukee School of Engineering, Kelly Field; 10:45 a.m. Sunday, March 29 vs. Milwaukee School of Engineering, Kelly Field; 1:15 p.m. Sunday, March 29 vs. Carthage College (Kenosha, Wis.), Kelly Field.

Track and field season opens

The track and field teams' 1998 outdoor season opener, scheduled for last weekend at Augustana College but canceled because of cold weather, will be held instead at home Friday, March 27, with the Washington University Mini-Meet.

This Week: 3:30 p.m. Friday, March 27, Bears host Washington U. Mini-Meet, Bushyhead Track and Francis Field.



Reaching out

When the John M. Olin School of Business hosted graduate business students from around the world at a conference last week, the theme was "Business in the Community," and events included a half day of community service at St. Louis agencies. At St. Patrick Center, which provides services for people in need, (from left) clients Rodney Hayes and James Johnson team up for pool with graduate students Shawn Vig of Purdue University and John McGrath of the University of Texas at Austin.

National champions! Women hoopsters capture first NCAA Division III title

Washington University's women's basketball team won its first NCAA Division III national championship Saturday, March 21, in Gorham, Maine, and there was no doubt the Bears had earned it.

The team, which defeated the host University of Southern Maine 77-69 in the national title game in front of a capacity crowd of 1,950 fans at the Walter G. Hill Gymnasium, ran the gauntlet this season to give head coach Nancy Fahey her first national title in three trips to the Division III final four.

On the way to the title, the Bears, who finished the season with a school-record 28-2 ledger, twice defeated defending NCAA champion New York University to win the University Athletic Association title. Then the Bears opened the NCAA tournament by knocking off the nation's only unbeaten team (Millikin University, Decatur, Ill.) and defeated the top-ranked team in the country (University of Wisconsin-Oshkosh) to reach the final four. Finally, the Bears pulled off their biggest win of the year by beat-

ing the Southern Maine Huskies on its home floor.

Washington University became only the second team in the 17-year history of the tournament to defeat a host school on its own floor in the title game.

"If you would have told us at the beginning that was the road we would have to take to a championship, I would say it was almost an impossible road to go," said Fahey. "But you have to give the team all of the credit. They were determined not to be turned back."

Sophomore All-America center Alia Fischer paced the Bears with 28 points and 10 rebounds before fouling out with 3 minutes, 35 seconds remaining. Senior point guard Erica Stagen also fouled out, but, as has been the case all season, the Bears received huge contributions from their bench.

Leading 70-56 with 4:41 remaining in the game, the Bears, who had led for all but one minute in the game, saw the Huskies pull off a 13-2 run to draw within 72-69 with two minutes left in the game. But freshman forward Tasha Rodgers pulled down two big rebounds and hit two free throws in the final minute.

Sophomore guard Sue Tucker, who replaced Stagen, added another free throw and senior guard Amy Schweizer secured the national title with a pair of free throws with 16 seconds left.

"I now know what it means when people talk about winning a national championship, and I cannot explain the feeling; you cannot put it into words," said Fahey, who finished her 12th season on the Washington University bench. "This is for the seniors who have meant so much to this program over the last four years and all the players who shared a lot of minutes this season. That depth and unselfishness really paid off tonight."

All three seniors scored in double-digits, with Stagen and Angie Kohnen netting 11 points and Schweizer capping her career with 14 points and a spot on the five-player all-tournament team.

Fischer, who was named Tuesday as the Division III Player of the Year by the Women's Basketball Coaches Association, capped a tremendous sophomore season with all-tournament honors after hitting 10 of 19 shots in the finale and all eight of her free throws. She also scored 20 points in the Bears' 66-51 semifinal win over Rowan University (Glassboro, N.J.) on Friday.

"I don't know what Fischer is doing playing Division III basketball," said Southern Maine Head Coach Gary Fifield. "She would be starting on a lot of Division I teams."

Southern Maine, which saw its 21-game winning streak snapped, capped its best season with a 29-3 record.

"We had a great run at the end, but Washington U. is a great basketball team," said Fifield. "It hurts when you come this close, but we dug ourselves too deep of a hole and worked too hard to get out."

—Kevin Bergquist

Math team places fifth in prestigious competition

The Washington University math team, including senior Daniel Schepler, sophomore Dan Johnston and freshman Arun Sharma, placed fifth among 2,510 contestants from 419 universities and colleges in the United States and Canada in the 55th William Lowell Putnam Mathematical Competition held last December. Results were announced March 16.

Only Harvard and Princeton have better records in the Putnam over the last 22 years. Washington University has placed among the top ten in 17 of the 22 Putnam contests since 1976, including four first-place and four second-place finishes.

The fifth-place finish earns the University an institutional cash award of \$5,000, and each member of its team receives an additional \$200 prize. Schepler also will receive \$2,500 for ranking among the top six individual contestants. This is the second straight year that Schepler has achieved this distinction. A total of seven Washington University students ranked among the top 200 contestants.

Contestants attempt to solve 12 difficult and nonstandard math-

ematics problems during the daylong competition. Three participants from each school are designated in advance as the school's team, but they do not collaborate during the competition. Awards are made for both team and individual performances.

The top five teams in this year's competition were, in order of placement, Harvard, Duke and Princeton universities; Massachusetts Institute of Technology; and Washington University.

Carl M. Bender, Ph.D., professor of physics in Arts and Sciences, and Vladimir Marsek, Ph.D., and Richard Rochberg, Ph.D., both professors of mathematics in Arts and Sciences, are coaches of the team. All seven of the high-ranking University students are in the College of Arts and Sciences. Schepler has been designated a Putnam Fellow for his place among the top six individual participants. The other six top finishers were Matthew Crawford, junior; Sharma; Johnston; Missaka Warusawitharana, freshman; Dan Blandford, freshman; and Derek Moffitt, sophomore.

April Welcome ready to bloom

Just as people are ready to welcome spring, the campus community is preparing to welcome students admitted to next fall's freshman class. About 1,000 high school seniors are expected to converge on campus as the month-long April Welcome blooms next week.

This is the sixth year for the annual event sponsored by the Office of Undergraduate Admissions. April Welcome offers admitted students the opportunity to experience Washington University and the St. Louis area. During their stay, the visitors room with current students in residence halls, attend classes and participate in social activities on campus. They also will have the chance to sample the area's entertainment and cultural attractions, such as sporting events, theater, concerts and museums.

Midway through the month, from April 16-19, the annual

Multicultural Celebration Week-end is expected to bring about 250 admitted students from all over the country to campus to take part in social and academic events.

Also during April, another 200 or so high school juniors beginning the college search are expected to visit campus on their spring breaks.

Visiting campus and experiencing the University community and its culture are important factors in a student's often-difficult decision about which university to attend. About half of the students who visit during April Welcome decide to enroll, said Nanette Clift, director of recruitment.

"They get to come to campus and are Washington University students for the time they are visiting," Clift said. "The campus community is really what sells them. They find a warm, friendly, supportive environment."

Epstein honored — from page 1

magazine for academic librarians; and a listing in the education magazine *Lingua Franca* as a 1995 Best Research Tool.

Her research on judicial decision making was described in a September 1997 article in *The Chronicle of Higher Education* titled "What 15 Top Political Scientists are Working on Now."

Epstein has served on several University committees, including the Task Force on Undergraduate Education; the Faculty Research Grants Committee; and the Dean's Advisory Committee on Tenure, Promotion and Personnel.

Three Edward Mallinckrodt Distinguished University professorships were established in 1967 to honor the memory of Edward Mallinckrodt and his son Edward Mallinckrodt Jr., both of whom were generous supporters of the University. Edward Mallinckrodt Sr. was a member of the Board of Trustees from 1902 until his death in 1928. Edward Mallinckrodt Jr. was a Board member from 1928 to 1942 and a Board member emeritus from 1950 until his death in 1967.

Nominees sought — from page 1

this award, those making nominations are asked to consider actions that:

- strengthen the University's ability to promote learning;
- help create a positive working and learning environment;
- improve the community; and
- enhance the University's reputation.

Nominees for the \$1,000 award must have at least five years of employment with the University and must be non-academic staff in good standing. Nominations must include:

- the nominee's name;
- specific reason(s) for the nomination; and
- a brief description of how the University benefits or has

benefited from the nominee's actions.

Nomination forms may be obtained by calling 935-5990. To be considered, the form must be signed and must include the work telephone number of the person submitting the nomination. Send nominations to the Gloria W. White Distinguished Service Award, Campus Box 1184, no later than April 17. A committee of faculty and staff from the Hilltop, Medical and West campuses will review the nominations and select the employee to receive this recognition. Announcement of the first recipient will be made during the May 18 Staff Day celebration.



And they're off ...

A pack of 220 runners bursts from the starting line at the 12th annual Thurtene 5K Road Race/Walk Saturday, March 21, in Forest Park. The net proceeds from the race will go to the Thurtene honorary's 1998 charity, the Child Center of Our Lady, an organization that cares for young children suffering from a variety of psychiatric disturbances. The race is a prelude to Thurtene Carnival, to be held April 18-19 in the North Brookings Hall parking lot.

Engineering school to honor six distinguished alumni

The School of Engineering and Applied Science will honor six distinguished individuals, including an alumnus who is an assistant director for the TV series "Chicago Hope," on Wednesday, April 1, at its 24th annual Alumni Achievement Awards Dinner.

The event, to be held at the St. Louis City Hall's Rotunda, will begin at 6:30 p.m. with cocktails, followed by dinner and the awards program at 8 p.m.

Christopher I. Byrnes, Ph.D., dean of the engineering school, will present the awards along with Charles A. Buescher Jr., president of the school's Alumni Advisory Council.

To be honored are: Annette N. Sutura, who will receive the Young Alumni Award; Stephen F. Brauer, who will receive the Dean's Award; and William H. Abbott, Harold Y. H. Law, Sanford A. Silverstein and Otis J. Sproul, who will receive Alumni Achievement awards.

Sutura, who received a bachelor's degree in mechanical engineering in 1984, will be given the Young Alumni Award in recognition of achievements in the film and entertainment industry. She first worked for IBM in Colorado and later Chicago, where she was a systems engineer. In Chicago, she decided to pursue an interest in film and moved to Los Angeles. There, she entered the Directors Guild Training Program and eventually became a member of the guild. Her movies include "Ghostbusters 2," "The Ryan

White Story," "Toys" and Steven Spielberg's "Always." In 1994, she received the Directors Guild Award for achievement on the pilot episode of "NYPD Blue." Because of this award, she was invited to join the Academy of Television Arts and Sciences. She currently is the first assistant director of "Chicago Hope."

Brauer, president of Hunter Engineering Co. in St. Louis, will receive the Dean's Award in recognition of his leadership of that company and his dedication to the University and the St. Louis community. Brauer, Hunter's president since 1980, is a native St. Louisan who received a bachelor's degree in economics from Westminster College. He is director or trustee of four major St. Louis institutions, Washington University among them. A key adviser to Byrnes, Brauer is a member of the Dean's Executive Committee and chair of the Buildings and Grounds Committee of the Board of Trustees. He and his wife, Camilla, recently established the Stephen F. and Camilla T. Brauer Professorship in Biomedical Engineering and have endowed a scholarship in the engineering school.

Abbott, who received a bachelor's degree in industrial engineering in 1956, will be honored for career achievements in developing technologies that have enhanced the field of engineering. During his 36-year engineering career, Abbott was involved with manufacturing the first computers with the Hewlett-

Packard organization, some of the first supermarket scanners with Spectra-Physics and the burgeoning diagnostic ultrasound systems for hospital cardiology and radiology markets with Acuson. He retired from Acuson as senior executive vice president and member of the board of directors in 1994.

Law, who received a doctorate in science and applied mathematics in 1975, came to the United States as a refugee from China in 1956. He began his career in aerospace and later worked at the Department of Defense, managing Army aviation research and development programs for 12 years. In 1986, Law founded Decisions and Advanced Technologies Associates (DATA), which provides consulting services to government, industry and other clients in many fields. In 1996, DATA was recognized as a National Fast Fifty/500 Technology Company. In 1994, he was

named the Minority Small Business Person of the Year in St. Louis, where he has been active with his wife, Helena, in community services for Indo-Chinese immigrants.

Silverstein received a bachelor's degree in mechanical engineering in 1943 and went on to reach the highest engineering position with three different companies during his 43-year career in St. Louis. The companies were Lewin Mathes Co. (which later merged with Cerro Corp. in Sauget, Ill.), where he helped make the company the world's largest, most advanced copper tube mill; Chemetco, where he led in making the company a broad-based processor of copper-bearing scrap; and Consolidated Aluminum Co., where he served as corporate manager of engineering. He later returned to Cerro before retiring in 1989.

Sproul, who received a doctorate of science in sanitary engi-

neering in 1961, has spent his professional life in teaching and research. A highly regarded environmental educator, researcher, consultant and university administrator, he has taught at the universities of New Hampshire and Maine at Orono and at Ohio State University. Sproul was chair of the civil engineering department at Ohio State and dean of engineering and physical sciences at New Hampshire, where he became dean and professor emeritus in 1995. He will be honored for his achievements in environmental engineering, particularly in wastewater treatment. Sproul is regarded as an authority on inactivating and removing parasites, viruses and bacteria by treatment processes and has done highly regarded work in underdeveloped countries.

For more information on the dinner, contact Rebecca Hauk at 935-8730.

Ida Early named director of annual giving programs

Ida H. Early has been named director of annual giving programs, according to David T. Blasingame, vice chancellor for Alumni and Development Programs.

In this capacity, Early oversees all aspects of the University's William Greenleaf Eliot Society, as well as the corporate matching gift and reunion class giving programs. Early also is responsible for the



Ida H. Early

University's phonathon and direct mail initiatives and provides support for the Annual Fund Committee of the Alumni Board of Governors and for the Annual Honor Roll of Donors and Volunteers.

A longtime member of the Junior League of St. Louis, Early served as the league's president the past two years.

Before that, she had been employed at Washington University since 1982. Between 1982 and 1993, she held a number of positions in the John M. Olin School of Business, including student relations coordinator and director of special projects, information and foundations. In 1993, Early became director of development and alumni pro-

grams for the School of Art and director of development for the Gallery of Art. Before joining the University, Early worked at Cornell University and the University of Pennsylvania.

In announcing Early's return, Blasingame said: "We are delighted to welcome Ida back to Washington University. Ida brings with her a deep commitment of service to the University and wide-ranging experience in academe."

Active in a number of organizations in St. Louis, Early is a trustee or director of the Churchill School, Dance St. Louis, Eden Seminary, Epworth Children and Family Services and the Scholarship Foundation. Previously, she was chair of the board of trustees of Pilgrim Congregational Church, a member of the Webster Groves Public Safety Board and a director of Childhaven, Emmaus Homes, the University's Campus YM/YWCA, Greater St. Louis United Nations Association, The Magic House, Interfaith Housing Help and the United Way of Greater St. Louis.

Early earned a bachelor of arts in sociology from the University of Pennsylvania in 1974.

Early's husband is Gerald L. Early, Ph.D., the Merle King Professor of Modern Letters and director of African and Afro-American Studies in Arts and Sciences.

The author of two books and numerous articles and reviews, Weissman was the daughter of Samuel I. Weissman, Ph.D., professor emeritus of chemistry in Arts and Sciences, and Jane Loevinger Weissman, Ph.D., the William R. Stuckenberg Professor Emeritus of Human Values in Arts and Sciences.

Judith Weissman memorial March 29

A memorial service for the late Judith Weissman, an author and a visiting professor of English in Arts and Sciences, will be held at 3 p.m., Sunday, March 29, in the Women's Building.

Weissman, who taught 19th-century and English literature at the University from 1994 to 1997, died of cancer Jan. 4 in St. Louis. She was 52.

News Analysis

News Analysis contains excerpts from the For Expert Comment service. The service, which provides timely faculty comments to media across the country, is distributed by the Office of University Communications.

Technological change is driving 'breathhtaking' restructuring of financial exchanges, expert says

In the aftermath of the stunning announcement that the National Association of Securities Dealers, known as NASDAQ, and the American Stock Exchange, known as AMEX, have agreed to a merger, there has been speculation that other exchanges would soon merge.



Craig Pirrong

Craig Pirrong, Ph.D., assistant professor of finance at the John M. Olin School of Business and a consultant to exchanges worldwide, said not only are additional mergers — between regional stock exchanges, for example, and between major futures exchanges — possible, but that technology is changing the "whole financial landscape with breathtaking suddenness."

"Technological change is a major driving force behind the impending restructuring of financial exchange markets," Pirrong said. "Computerized trading and improved communications technologies increase scale economies, thereby creating incentives for consolidation." He added that mergers in exchanges offer reduced costs to brokerages, too, because it is cheaper for a broker to implement a single system for processing trades than to implement multiple systems for multiple exchanges.

"Technology has the potential to change the face of trading forever," he said. "The traditional 'open outcry' auction market common on securities markets such as the New York Stock Exchange or Chicago Board of Trade is under

threat from computerized trading systems." Computerized trading is growing in importance because it is cheaper. "Far fewer people are needed to trade via computer than from a trading pit on the floor of a stock or futures exchange," he said, "and computerized trading does not require a big building in expensive downtown centers."

Just two weeks ago, the world's second largest derivative exchange, the London International Financial Futures and Options Exchange (LIFFE), announced that it was introducing a computerized trading system that would run in parallel with its traditional open outcry markets. Pirrong said it is widely anticipated that this computerized system will eventually supplant open outcry in London altogether. "This is a stunning development, inasmuch as LIFFE had been a stalwart defender of open outcry and vigorous critic of computerized trading," he said.

The technological revolution in financial markets also may change the very nature of exchanges. "Heretofore, traditional open outcry exchanges have been owned by the brokers and market makers — the intermediaries — who trade on them," Pirrong said, "but, because computerized trading does not require a large population of intermediaries, I expect to see a 'demutualization' of exchanges and a move toward for-profit exchanges with public ownership."

"The technological imperative is reshaping financial transactions," he said, "and the financial landscape we will see in the very near future could be very different from the traditional exchanges we see today."

For The Record

For The Record contains news about a wide variety of faculty, staff and student scholarly and professional activities.

Of note

Amy J. Bastian, Ph.D., instructor in physical therapy, has received a five-year \$345,303 grant from the National Institute of Child Health and Human Development for a project titled "Analysis and Treatment of Cerebellar Ataxia." ...

John G. Csernansky, M.D., professor of psychiatry and associate professor of anatomy and neurobiology, has received a three-year \$118,000 grant from the Whitehall Foundation for a project titled "Mechanisms of Delayed Neuronal Loss in Juvenile Rats Following Kainate Administration." ...

Paul J. Donnelly, AIA, associate professor of architecture, along with a colleague were awarded a First Place Design Citation in the Building Integrated Photovoltaics Competition, a national design competition sponsored by the U.S. Department of Energy and the AIA Research Foundation. They also were awarded a First Place Design Citation in the Unbuilt Boston Competition, a national design competition sponsored by the Boston Society of Architects. ...

Ronald S. Indeck, Ph.D., professor of electrical engineering, and **Marcel W. Muller, Ph.D.**, professor emeritus of electrical engineering, have been awarded a one-year \$99,166 grant from the National Science Foundation to research magnetic microstructure and information storage. Indeck and Muller also recently gave an invited paper

titled "Effect of Trackwidth and Linear Spacing on Stability and Noise in Longitudinal and Perpendicular Recording" at the Perpendicular Magnetic Recording Conference in Akita City, Japan. ...

Arthur H. Neufeld, Ph.D., professor of ophthalmology and visual sciences, has received a one-year \$49,836 grant from the Glaucoma Foundation for a project titled "Nitric Oxide Synthase in the Glaucomatous Human Optic Nerve Head."

Speaking of

Neil Bernstein, LL.B., professor of law, recently spoke at the annual national meeting of the Society of Actuaries. Bernstein presented the results of his study of life insurance marketing in four other countries in a panel discussion of "Perspectives of Various Distribution Channels."

Opportunities & personnel news

Hilltop Campus

Information regarding these and other positions may be obtained in the Office of Human Resources, Room 130, at West Campus. Job openings may be accessed via the World Wide Web at cf6000.wustl.edu/hr/home. If you are seeking employment opportunities and are not currently a member of the Washington University staff, you may call our information hotline at 935-9836. Staff members may call 935-5906.

Contract and Grant Coordinator 980202. *School of Social Work.* Requirements: bachelor's degree with accounting background; PC word processing and spreadsheet skills; experience with funded research and administration and with federal governmental agencies and foundations; experience with Washington University grants budgeting submission preferred; strong communication and interpersonal skills; ability to organize and work under pressure during grant deadline period. Responsibilities include coordinating all grant and grant budget administration; assuring application guidelines are followed; processing grant accounting for the School of Social Work.

Assistant Director of Computing-Information Systems 980229. *Business School.* Requirements: bachelor's degree; one or more years programming experience; knowledge of database principles and structures; familiarity with Internet standards and netiquette; knowledge of HTML and familiarity with Windows environment preferred; strong attention to detail.

Business Manager/Assistant to the Dean 980231. *University College.* Requirements: bachelor's degree, master's preferred; knowledge of accounting and data management; administrative experience and supervisory ability; knowledge of University procedures. Responsibilities include directing the financial operations of University College and Summer School and office management.

Database and Systems Engineer 980232. *Earth and Planetary Sciences.* Requirements: master's in engineering, computer science or a physical science; at least three years experience with Unix and PC-based systems; proficiency in C and Fortran; familiarity with commercial database and graphics packages; proficiency with failure diagnostics, computer systems management, installation and maintenance of computer and network hardware and software; experience with digital image processing desirable.

Manager of Personal Computing Support 980234. *Business School.* Requirements: bachelor's degree in business, computer science, engineering or related field; two years experience with Windows NT, Apple Macintosh, MS DOS, Windows 95, Windows 3.1 and Novell

Platform; experience with supporting a large number of application programs for general purpose computing including spreadsheets, word processors, databases, graphics, presentations and statistics; knowledge of Microsoft Backoffice, especially MS Exchange server; knowledge of computer programming and data communications; ability to learn new computing tools quickly; demonstrated customer service orientation and skills.

Administrative Accounting Assistant 980235. *Center for Technology Management.* Requirements: high school education. Responsibilities include serving as principal contact person for issues or problems arising from income distributions; invoicing of third parties for reimbursement of expenses associated with patent activities; maintaining financial records for all income and expense recovery activity; assisting with collection of overdue payments from licensees and third parties; preparing year-end report regarding departmental expense allocation activity; distributing appropriate information regarding patent and/or license expense to Pls and department administrators; establishing and maintaining files for license agreements, sales, service and material transfer agreements.

Business Development Manager 980236. *Center for Technology Management.* Requirements: bachelor's degree, higher degree in scientific discipline (biomedical, engineering or computing) and five years business experience working with product development or business unit responsibility in a high technology company preferred; communications and negotiating skills; organizational ability; willingness to work as part of a team; working experience with licensing intellectual property (patents, copyrights, etc.) preferred.

Department Secretary 980237. *Alumni and Development Program.* Requirements: some college, associate's degree preferred; specialized secretarial and business training; minimum three years general office experience, including word processing; strong verbal and written skills; pleasant, professional manner with co-workers, volunteers and outside vendors; strong organizational skills and the ability to apply these skills toward accomplishing multiple priorities with minimum supervision; overtime availability.

Phone Operator 980238. *Undergraduate Admissions.* Requirements: high school diploma; discretion and good judgment in dealing with public; superior attendance record; ability to work well under pressure; sense of humor. Responsibilities include handling five incoming telephone lines for Undergraduate Admissions; data entry support; assisting in preparing visit confirmation letters and itineraries.

Word Processing Operator 980239. *Social Work.* Requirements: high school diploma, some college preferred; experience with PCs, Windows or Windows 95 and Microsoft Office; knowledge of grammar and spelling; ability to

proofread own work; ability to work with students, faculty, administrators and staff; pleasant telephone manner. Responsibilities include providing word processing and secretarial support to faculty; answering general office line; sorting mail; directing faxes; backing up supervisor in directing work study students.

Senior Records Auditor 980240. *Office of the Registrar.* Requirements: some college, associate's degree preferred; experience with computers; proficiency in data entry; interest in working with automated systems; ability to handle multiple jobs with speed and accuracy; service orientation. Responsibilities include providing professional and courteous service to University and non-University callers.

Word Processing Operator 980241 (part time). *Social Work.* Requirements: some college preferred; experience with PCs, Windows or Windows 95 and Microsoft Office; transcription experience and above-average knowledge of grammar and spelling; ability to proofread own work; ability to work with faculty, administrators, staff and students under minimum supervision; pleasant telephone manner. Responsibilities include providing word processing and secretarial support for the school; word processing for the faculty research office; faculty correspondence; course outlines.

Research Assistant 980245. *Psychology.* Requirements: bachelor's degree preferred; psychology research experience; computer experience in graphics, word processing and spreadsheets; experience with FMRI/ERP/OR Meg data acquisition and analysis; ability to work well independently; ability to interact well with research subjects.

Coordinator for Academic Support 980246. *Office of the Registrar.* Requirements: bachelor's degree or equivalent experience in higher education preferred; proficiency in word processing and PC or mainframe systems data entry; good written and verbal communication skills; ability to learn quickly and make adjustments to changing departmental needs; attention to detail; good service orientation; ability to function effectively in team environment.

Project Manager/Assistant Manager 980247. *Facilities Planning and Management.* Requirements: bachelor's degree in mechanical engineering; minimum 10 years engineering experience in design and construction of building systems; supervisory skills; good working knowledge of mechanical codes; ability to read and interpret plans and specifications; good working knowledge of the design and construction industry to assess quality of work being performed; ability to make judgments on acceptability, proper means and methods of design and construction of building systems; computer experience in word processing and spreadsheets preferred; good communication skills; ability to organize time and priorities; self-motivated, responsible and mature.

Coordinator Women's Programs and Community Service 980248. *Office of Student Activities.* Requirements: master's degree in higher education and student affairs, social work or related field; three years related work experience advising and working with college students; knowledge of issues of sexual harassment and sexual assault; knowledge and practical experience with women's leadership development; knowledge of student development theory and concepts; excellent communication, interpersonal and advising skills; ability to relate effectively with students; energy; initiative; creativity; organizational skills; tolerance for ambiguity; ability to work as a member of a team.

Focus Specialist 980250. *Student Financial Services.* Requirements: bachelor's degree; planning and organization skills; ability to make timely and sound decisions; good service orientation; good team-building skills.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees interested should contact the medical school's Department of Human Resources at 362-7196 to request applications. External candidates may call 362-7195 for information regarding applicant procedures or may submit resumes to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, MO 63110. Job openings also may be accessed via the World Wide Web at <http://medicine.wustl.edu/wumshr>.

User Support Technician 980654. Requirements: associate's degree or two years technical training or experience in related discipline; training or experience in PC hardware and software technologies including Windows 3.1, Windows 95, Office 95 and Lotus Notes; familiarity with TCP/IP and Windows NT, LAN technologies, modem and remote connectivity protocols; superior communication and personal interaction skills to interact with all levels of staff and faculty members. Entry level telephone support position. Responsibilities include assisting callers with computer problems and questions.

Manager, Technical Services 980853. *Medical Library.* Requirements: bachelor's degree in computer science; five years of Unix systems administration experience; self-motivated; broad knowledge of information technology and its application; excellent planning and communication skills. Responsibilities include leading computing services group in providing computing support of its NT and Unix servers; creating and managing budgets; developing new ser-

vices; overseeing day-to-day activities of group; performance analysis and strategic planning.

Systems Manager 980854. *Medical Library.* Requirements: bachelor's degree in computer science or four years related experience in systems administration; two years experience maintaining multiple notes servers in a production NT or Unix environment; experience in Notes/Domino 4.5, SMTP MTA and TCP/IP preferred. Responsibilities include Lotus Notes administration and serving as backup to NT Systems Manager.

Statistical Data Analyst 980893. Requirements: bachelor's degree in statistics, computer science or related field; one year experience; experience using SAS and other database packages to manage large databases and oversee personnel responsible for entering and cleaning data, preferably in research setting; knowledge of Microsoft Access and Excel plus. Responsibilities include maintaining several large databases for cancer studies in fast-paced, busy PSA studies laboratory.

Executive Secretary 980943. Requirements: high school diploma or equivalent with at least three years office experience; good typing and grammatical skills; professional demeanor; excellent telephone skills. Responsibilities include typing correspondence, manuscripts and course handouts; answering telephone and placing calls; scheduling meetings; handling travel arrangements.

Medical Secretary 981158. Requirements: high school equivalency with some business work experience; typing skills (60-70 wpm) with high degree of accuracy; confidentiality; effective communication and organization skills; working knowledge of medical terminology; knowledge of general office machines; high level of professionalism and superior work ethic. Responsibilities include working closely with another full-time secretary; assisting in the coordination of secretarial duties; typing correspondence, reports, manuscripts and patient information forms; dictation and transcription; arranging travel; receiving and routing phone calls; completing insurance and disability forms; scheduling physician and patient appointments; maintaining physician calendar; setting up and maintaining patient charts and records.

User Support Manager 981200. Requirements: bachelor's degree or equivalent in computer science with five years related experience; supervisory and helpdesk experience; working knowledge of varied hardware and software and related LAN equipment. Responsibilities include supervising and coordinating activities of team that provides support to computer users; analyzing, designing, implementing and maintaining optimum configuration of computer systems; performing routine and emergency maintenance on applications; hiring, training, supervising and evaluating performance of user support personnel; keeping current on developing technologies and recommending upgrades.

University joins regional social studies education effort — from page 1

Arts and Sciences, who serves as project co-director for the University's Goals 2000 effort along with Phyllis Balcerzak, Ph.D., clinical associate in education. "Educators at all levels help each other develop professionally. Everybody is treated with equal respect; everybody shares resources."

In addition to disseminating their findings on ways to improve social studies education to the other regions of the state, Gardner and the other organizers of the Goals 2000 Social Studies Project Conference decided to make full use of these multilevel collabora-

tions. All social studies teachers in the St. Louis area were invited to submit their best classroom practices. From the pool, 17 proposals were selected for presentation.

Merging findings from the Goals 2000 project, three organizing themes were established for the presentations: incorporating more multicultural perspectives into the social studies curriculum, highlighting innovative uses of technology in the classroom and making more use of interdisciplinary instruction.

One example is "Surviving the Canadian Wilderness," a session by Anthony Ambrosse of Park-

way Central Middle School. It was constructed as a multi-discipline, constructivist, technology-enhanced unit of instruction for middle school students.

"Adopt a Grandparent Program" is run by Patricia Corich of McKelvey Elementary School. It is an instructional tool designed to provide a learning environment for second-graders in a partnership with nursing home residents, while reinforcing and expanding the students' technological abilities as well as their listening, speaking and writing skills.

"Law and Lawyers in the Social Studies Classroom" is a

session by Robert Hanson of Valley Park High School that is designed to foster interest and interaction among students by incorporating community resources and legal simulations into the classroom.

Other presentations will tackle such diverse topics as storytelling in teaching American history, exploring adventures on Earth and a hands-on look at robotics.

"It's a broad spectrum of ideas and applications," Gardner said. "The idea is that we can all learn from each other. I think that's a crucial idea for teachers above all others — you have to be a lifelong learner. The kinds of things that the teachers are doing, the instructional techniques, can be used in any level of classroom. You'd have to modify the content, but the ideas are sound no matter at what level you're teaching. I plan to use some of them."

As part of the interdisciplinary emphasis of the project, Gardner has been working with other social studies faculty across campus, including Max Okenfuss, Ph.D., associate professor of history; James Davis, Ph.D., professor of political science; and Robert Canfield, Ph.D., professor of anthropology, all in Arts and Sciences.

"One of the questions we tried to answer was, 'What does a middle or high school social studies teacher need to know when they walk out of our door, and how

do they get it on our campus?'" Gardner said. "One of the things we found was we needed to do a better job providing more multicultural and global perspectives, requiring the students to take more content in non-Western history and political systems."

"Currently, students have the option to take such coursework, but they don't always do so," she said. "We actually are changing our social studies teacher education requirements as a result of this project."

While the project is slated to end in June, there is discussion of renewing the study for a second year. "The ideal for us would then be to have social studies teachers pilot the instructional models we are producing."

Renewal possibilities aside, Gardner said many tangible positives already have come out of the program. "Personally, I've acquired some new teaching strategies from working on this project — things that I will use in my classroom," she said.

"Institutionally, our teacher education programs have benefited from the focus on multiculturalism, interdisciplinary instruction and use of technology. These are three themes that we have been emphasizing for at least the last five years. This project has allowed us to create some space and time to do some concrete things that we have wanted to do."

— David Moessner

Campus Watch

The following incidents were reported to University Police from March 16–22. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This release is provided as a public service to promote safety awareness and is available on the University Police Web site at <http://rescomp.wustl.edu/~wupd>.

March 16

10:24 a.m. — A staff member reported the theft of a camcorder valued at \$2,427 from a closet in Brown Hall sometime between Friday, March 13, and Monday, March 16.

March 17

4:32 p.m. — A student reported that epoxy curing in an oven in Urbauer Hall caught fire. The student was able to extinguish the

fire, but it caused extensive damage to the oven. The Clayton Fire Department responded.

March 22

7:38 a.m. — Cleaning personnel reported extensive vandalism in Bixby Hall, including graffiti scrawled on restroom stalls and mirrors, trash strewn through the first and second floors, a fire hose pulled from its rack and water sprayed on the second floor. An

investigation continues into a scheduled party held in the building.

10:01 p.m. — A student reported an indecent exposure outside a window on the south side of Dauten Residence Hall.

University Police also responded to four additional reports of vandalism, three additional reports of theft and one report of telephone harassment.