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Record

WASHINGTON
UNIVERSITY
IN ST. LOUIS

Vol. 20 No. 21 Feb. 22, 1996

Volunteering their energy

Olin students get down to service ...

Last fall, a group of six master's of business administration (MBA) students from the John M. Olin School of Business introduced a new community-service initiative called Project Olin Cares (POC).

Through POC, business students now are working with three non-profit organizations in the St. Louis area on Friday afternoons and Saturday mornings: Habitat For Humanity, in which volunteers build homes with and for the St. Louis-area working poor; St. Elizabeth Hall, a residential-care facility for the elderly; and the St. Louis Area Food Bank, which stocks and distributes food for the needy.

Students sign up to work with the organization of their choice on the date of their choice for one two- to four-hour volunteer assignment per semester. Individuals are grouped into teams of three to four and report for duty at their scheduled times at the given organizations.

"POC is perfect for students who are interested in volunteering for a charitable cause but refrain from doing so because they don't have a lot of time to give," said Karen Chow, an MBA student and a POC committee co-chair. "What's attractive about the program is that it offers stu-

dents a short-term commitment to a long-term community-service activity. While individual contribution is small, collectively, our impact is significant."

Those who sign up to work for Habitat For Humanity spend Friday afternoons doing preparatory work at building sites. Large teams of volunteer builders from the community arrive at the sites on Saturday knowing that business school students have gathered the necessary tools and supplies and have completed the advance work that enables the builders to get right on the job.

On Friday afternoons, POC also dispatches students to St. Elizabeth Hall to spend time with elderly residents painting, making arts and crafts and playing bingo.

Students who volunteer at the St. Louis Area Food Bank spend Saturday mornings sorting food that comes into the organization's salvage operation.

"The Washington University students sort more product in four hours on a Saturday morning than all my volunteers combined through the week," said Louis Henderson, salvage coordinator at the food bank. "I show them what to do, and

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Karen Chow and Patrick McNab, both graduate students in the John M. Olin School of Business, sort food at the St. Louis Area Food Bank. Chow and McNab are among many business school students performing community service through Project Olin Cares, in which volunteers commit to one two- to four-hour assignment per semester with either Habitat For Humanity, St. Elizabeth Hall or the food bank.

... while others in campus community prepare to go 'Into the Streets'

The organizers of the Saturday, Feb. 24, "Into the Streets" volunteer program are dedicating it to Andrea R. Goff, the 1995 Washington University graduate who was killed last summer in her Potomac, Md., home.

Goff's friend Bethany Bresnick, a junior in political science in Arts and Sciences who also hails from Potomac, has been working with senior Damon T. Vincent, who is majoring in chemical engineering and in biology in Arts and Sciences, to honor Goff.

During "Into the Streets," faculty, staff and students will work side-by-side on Feb. 24 as volunteers for local social-service agencies.

"I spoke to some of Andrea's roommates," Bresnick said. "They were talking about what to do to remember her. They were thinking about organizing some sort of community-service day. Andrea's life at Washington University was surrounded by community service. That's why we felt

this was a suitable way to remember her."

Bresnick later met with representatives from the Division of Student Affairs and the Campus Y, and plans for the tribute were formalized.

Goff was active in Campus Y programs and Leadership Through Service in St. Louis, Bresnick said. Through the Campus Y, Goff spent about 20 hours a week tutoring children in troubled schools and organizing programs aimed at getting high school students to address racial justice.

The tribute is "an excellent thing to do in memory of Andrea because she was so devoted to community service here," said Lindsey Glabe, a sophomore majoring in psychology and minoring in English in Arts and Sciences. "Into the Streets" is something that a large number of students will take part in. It's something Andrea would have done. She would have been right out there with us." Glabe chairs the "Into the Streets" student committee.

Because Goff's mother, Irma Goff, will be unable to attend the tribute, the committee is taking photographs to send to her.

As part of the tribute, white ribbons will be distributed during the program. "We decided on white because, to me, it symbolizes peace and the end of violence," said Bresnick.

Committee members also plan to write a letter about why they're dedicating the program to Goff. They will distribute the ribbons and read the letter as volunteers travel to the agency sites by van.

Goff was murdered in her home last July along with her father, podiatrist David Goff, her sisters, Sheri and Alyse, and their home contractor, Mark Aldridge. Bresnick has known the Goff family for years.

"Andrea took me under her wing when I showed up at Washington University as a freshman. She watched over me," said Bresnick, who is taking part in "Into the Streets" for the first time.

Although the tribute to Goff naturally

may invoke feelings of sadness, organizers view "Into the Streets" as an opportunity for individuals to "get out of their routine, go into the streets and make a difference. People will see how rewarding and fun community service can be," said Glabe. "I really would like them to walk away with a positive experience. We're also hoping they will want to become more involved with community service."

This year, for the first time, organizers have invited faculty and staff to take part in the program, in addition to students. Program leaders plan to extend the invitation to faculty and staff in the future, too. Between 120 and 140 volunteers are expected to participate. Among the volunteers' activities will be socializing with homeless mentally disabled men at a shelter; participating in a recreational event for residents of a nursing home; renovating houses owned by low-income residents; helping make garden beds in urban areas; and

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Collins E. Lewis, M.D., strives to change the self-defeating behaviors that accompany substance abuse

Indian Awareness Week ... 5

Novelist Bharati Mukherjee will deliver the Ashoka Lecture on Wednesday, Feb. 28

International Writers Center guest commemorates Black History Month

Poet Cyrus Cassells will read from his works at 8 p.m. Tuesday, Feb. 27, at the West Campus Conference Center. The event is part of a reading series sponsored by the International Writers Center in Arts and Sciences. His reading commemorates Black History Month.

The title poem of Cassells' second book, "Soul Make a Path Through Shouting," addresses the racial tension surrounding the 1957 integration of a Little Rock, Ark., public school. This book was awarded the Poetry Society of America's William Carlos Williams Award for the best book of poems published in 1994 by

a university or a small or non-profit press. In addition, one of the poems in the volume — "Sung From a Hospice" — was awarded a 1995 Pushcart Prize.

Former U.S. Poet Laureate Rita Dove describes the book as "the most spectacular manuscript I've seen in years. Not only are the poems enthralling — they are heartfelt, with that largeness of spirit found in great literature, possessing a vision that embraces and enriches."

Cassells was born in 1957 in Dover, Del. He is a graduate of Stanford University and the Centro Fiorenza Italian language school in Florence, Italy. His first

book of poetry, "The Mud Actor," was selected for the National Poetry Series in 1982. Cassells received the I. B. Lavan Younger Poets Award from the Academy of American Poets in 1992 and a Lannan Literary Award in 1993. His third book, "Beautiful Signore," will be published by Copper Canyon Press in 1997. He lives in Rome.

Admission to the reading is \$5. A book signing will follow. Students with valid identification and senior citizens will be admitted free. Arts and Education Council cardholders receive a two-for-one discount. For more information, call 935-5576.

Medical Update

Telemedicine becomes more popular among radiologists

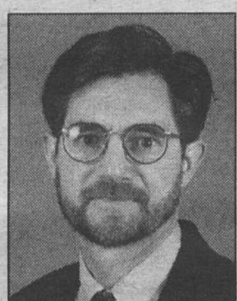
Across the country today, radiologists called "circuit riders" travel from small town to small town reading X-rays of patients who often must wait days to get a definite diagnosis. For instance, if a patient has a CT (computed tomography) scan for suspected stroke on a Saturday, an expert interpretation of this study may not be read until the following week when a circuit rider comes to town and visits the hospital.

As teleradiology — the practice of transmitting medical images over telephone lines — becomes more commonplace, however, even patients in rural areas will have their images instantly transmitted to a larger hospital to be quickly interpreted. According to a recent survey by School of Medicine researchers, almost half of more than 200 radiologists attending a national meeting say they now use teleradiology to gain faster, more convenient access to medical images. The survey findings were reported at the annual meeting of the Radiological Society of North America, held recently in Chicago.

Teleradiology likely will contribute to the delivery of more cost-effective medical care and offer patients in remote areas

access to timely, subspecialized radiologic interpretations, the researchers said.

"In 1990, I think it was unclear how teleradiology would fit into the practice of radiology," said



Peter E. Shile

Peter E. Shile, M.D., assistant professor of radiology and of medicine and lead investigator of the study. "But there's a tremendous emphasis right now on improving efficiency in all areas of medicine, and I think that teleradiology will prove to be an extremely efficient way of delivering expert radiologic interpretations to large, geographically diverse health-care systems."

Radiologists are adopting teleradiology for remote interpretation of CT, ultrasound, plain film, nuclear medicine and magnetic resonance images. This allows them to diagnose almost the entire spectrum of radiologically imaged diseases, from acute head injuries to gallbladder disease.

By surveying 145 radiologists in 1990 and 202 radiologists in 1994 at the annual meeting of the radiological society, Shile and his colleagues found that the use of teleradiology increased from 34 percent in 1990 to 49 percent in 1994. Shile said he believes improvements in equipment and the competitive health-care environment are responsible for the increase.

The survey revealed that physician practices using teleradiology typically employed more radiologists and had more offices than practices that did not. It echoes a growing trend in radiology, Shile said. Medical care will be delivered by large health-care systems that span geographic areas, and with teleradiology, radiologists will be able to extend their expertise throughout vast health-care networks, he added. Many health-care planners have projected that future radiology services will be delivered by large groups of radiologists covering a number of separate hospital and outpatient facilities.

Project Spectrum

In 1994, the School of Medicine, BJC Health System, IBM, Kodak and South-

western Bell launched Project Spectrum, a three-year multimillion dollar pilot project to develop a model clinical information system. This system will allow teleradiology, video consultation and medical records to be shared among all 19 BJC hospitals.

"We expect to change the way medicine is practiced by electronically moving information from place to place," said R. Gilbert Jost, M.D., professor of radiology, an executive director of Project Spectrum and chief of diagnostic radiology at the Mallinckrodt Institute of Radiology. "This will allow us to provide high-quality specialty care across a wide geographic region at reduced costs."

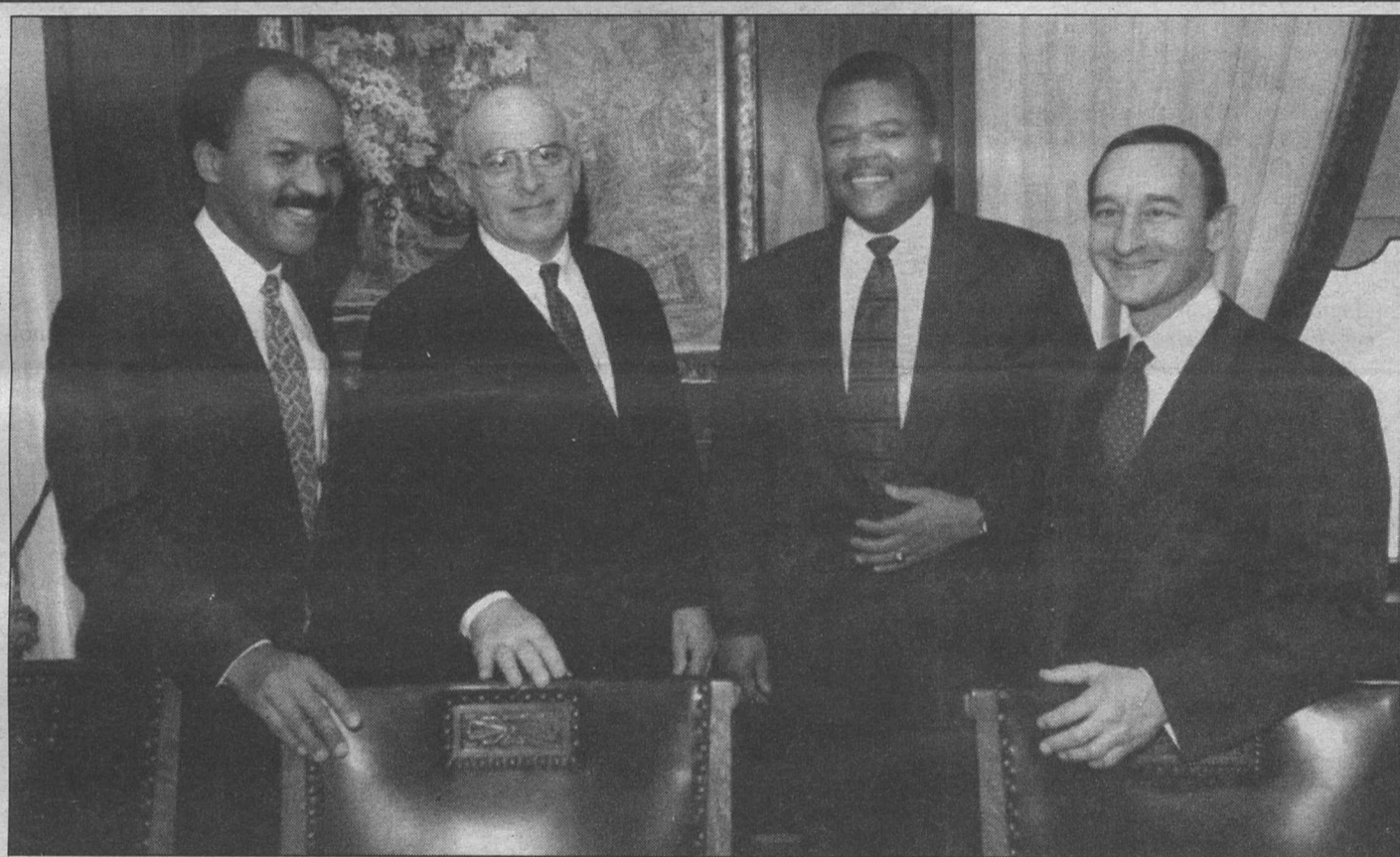
Project Spectrum, which may be used as a blueprint for the development of integrated medical/telecommunications networks across the country, is the first system in the nation to comprehensively link an academic medical center with suburban, rural and metropolitan-based health facilities.

The trend toward large health-care systems covering large geographic areas eventually will cost some radiologists their jobs, Shile said. As in many specialties, fewer practitioners will be needed. "I think there are probably too many radiologists to service the needs of the health-care system as it is developing in this country," he said. "We're moving toward a system where we'll be training many more general internists and fewer subspecialists."

In the survey, respondents were asked about the number of radiologists in their group and the number of separate sites their practice covered. They also were asked about the situations in which they used teleradiology, the types of medical images transmitted, their perceptions of transmitted image quality and the methods by which their teleradiology equipment transmitted images.

The study showed that in 1990 and in 1994, 88 percent of radiologists using teleradiology were in private practice. The proportion of university radiologists using teleradiology increased from 16 percent to 21 percent in those same years.

Shile said he believes the survey's main message is that teleradiology is moving into everyday medicine. "Our results suggest that teleradiology will be an important technology in the future of health care," he said. — Diane Duke



Left to right: Franklin D. Raines, vice chairman of Fannie Mae, a home mortgage lender; William A. Peck, M.D., president of the Washington University Medical Center; Clifton Berry, director of the Fannie Mae St. Louis Partnership Office; and Chancellor Mark S. Wrighton, Ph.D., pose for photographers at a Fannie Mae news conference announcing a program called House St. Louis. The Washington University Medical Center is the first private partner in House St. Louis. Through the program, Washington University and BJC Health System employees will have access to subsidized mortgages. House St. Louis should help increase homeownership in areas such as Forest Park Southeast, where the medical center is assisting in redevelopment efforts.

Experimental drugs may curtail disabling brain damage after stroke

For the first time in 20 years, School of Medicine physicians are testing experimental drugs that may curtail the devastating brain damage that can follow stroke. The tests are under way at several U.S. medical centers.

Stroke is the third leading cause of death in the United States, killing 150,000 of the 500,000 Americans who have strokes each year. It also is the leading cause of disability, accounting for the lingering symptoms of 2 million to 3 million Americans.

"Damage to even a minute part of the brain can trigger a series of events that injures a much larger region," said neurology Professor Chung Y. Hsu, M.D., Ph.D., coordinator of the clinical trials at Barnes-Jewish Hospital and chief of the Cerebrovascular Disease Section in the School of Medicine's Department of Neurology.

No drugs to limit stroke damage are on the market, so victims may lose crucial areas of brain tissue, becoming unable to walk, speak, see or remember.

Patients in the trials receive an experimental drug or an inactive substance during the critical first hours after a

stroke, when there still may be time to stave off further damage.

"So someone with a stroke should come to the hospital right away," Hsu said. "If they stay at home for a day or so, probably nothing can be done; we can't treat dead tissue."

Warning signs of stroke are sudden weakness or numbness in the face, arms or legs; difficulty speaking or understanding ordinary speech; sudden temporary loss of vision, especially in one eye, or an episode of double vision; sudden dizziness or unsteadiness; and a sudden, severe or unexplained headache.

In the most common type of stroke, a clot blocks the flow of blood to brain tissue. "So, like a heart attack, a stroke is a medical emergency," said Paul T. Akins, M.D., Ph.D., a neurology fellow. "Victims of a 'brain attack' also should call 911 and contact their primary care physician."

The four drugs under investigation at the School of Medicine are Ancrod, an anti-coagulant made from snake venom that prevents a clot in a blocked artery from enlarging; ORG 10172, also an anti-

coagulant; Enlimomab, a monoclonal antibody that prevents white cells from damaging the linings of blood vessels in the brain after stroke; and Eliprodil, a compound that blocks brain cell receptors for a chemical called glutamate. After brain injury, these receptors become overstimulated, triggering destructive events inside cells.

Patients in the trial will receive comprehensive care from members of SMART, the Stroke Management and Rehabilitation Team directed by Hsu. A joint effort of Barnes-Jewish Hospital and the School of Medicine, SMART provides interdisciplinary expertise to all stroke patients.

Correction

The Feb. 8, 1996, front-page story about the School of Medicine and the Howard Hughes Medical Institute developing a mouse gene library should have reported that Robert H. Waterston's team, with support from Merck & Co. Inc., already has made more than 250,000 human expressed sequence tags (ESTs) freely available to scientists.

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Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Washington People

Substance abuse focus of Lewis' research

Collins E. Lewis, M.D., is an associate professor of psychiatry who concentrates his research and clinical work on the treatment of alcohol and substance abuse. That's a long way from the surgeon he thought he would become when he entered medical school in 1967.

"One of the things that I did as a youngster was put together model cars. I was really good with my hands — building these things," Lewis remembered. "So I figured that I'd probably do well in surgery. Then I had my rotation in surgery, and I really didn't like it that much."

Instead, Lewis was most interested in neurology and psychiatry in medical school. His problem with psychiatry, however, was that most of the professors were very Freudian and psychodynamic, explaining mental states and behavior in terms of nonbiological processes. Lewis was more interested in the workings of the brain and the biology of psychiatric illness.

"I was really interested in how the brain works and how it relates to behavior, so psychiatry seemed like the way to go. But I needed to find a place where they took a medical approach," he said.

Science and medicine were important to Lewis from a very early age. Some might say he went into the family business. Lewis' father was a physician. One of the most important aspects of his family life was the value placed on learning — which came from his mother and father.

Another key value in the Lewis home was helping others. "We never wanted to line our own pockets," Lewis recalled.

Ironically, what first drew Lewis to medicine was neither a love of learning nor a particular desire to help people. He came to medicine through a love of science. "I interviewed for medical school, and it was very interesting," Lewis remembered with a grin. "When asked why I wanted to be a physician, I always said I liked science. I never said I wanted to help people. I don't know how the interviewers felt about that."

Lewis attended the Harvard University School of Medicine, graduating in 1971. After medical school, Lewis completed an internship in general medicine at The Jewish Hospital of St. Louis. During his year there, he learned about Washington University's reputation in biological psychiatry.

Moving across the street

"I was working on one of the medical wards at Jewish, and there was a medical student from Washington University rotating through," Lewis said. "I don't remember how we got on the subject, but I talked about how I was interested in the biology of psychiatric illness, and I asked if he knew of any programs. He told me I was across the street from the best program going."

Lewis moved across the street in 1972. "It was very funny," Lewis said. "It wasn't the typical process where you look at a whole lot of schools. I just walked across the street in my white intern uniform to meet with Eli Robins, who was the chairman (of psychiatry) then. I had been on call, and I was tired and hadn't shaved. I certainly could have made a better impression, but they took me anyway."

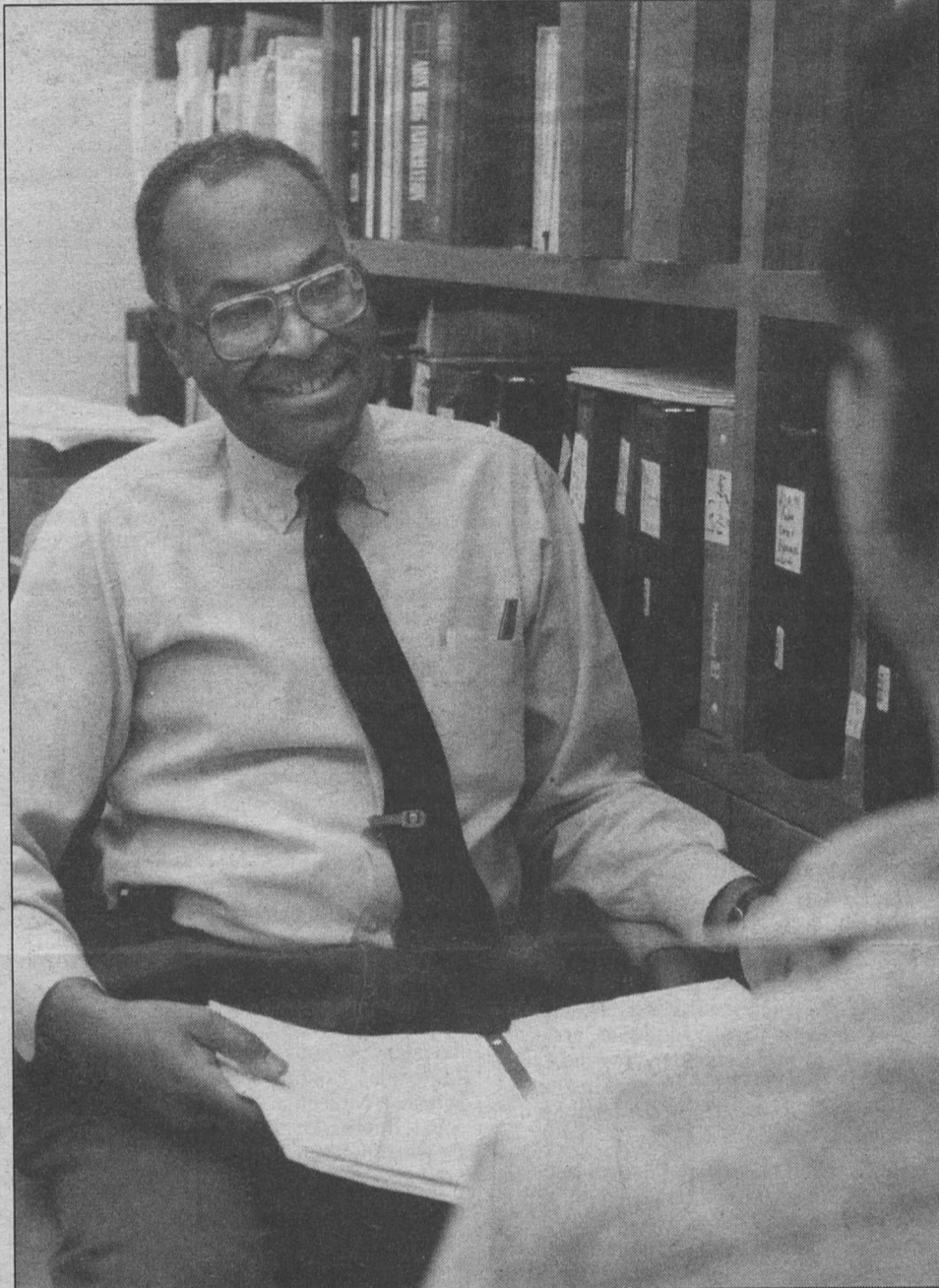
As a resident in psychiatry at Barnes, Renard and Malcolm Bliss hospitals, Lewis worked with all kinds of mental patients. He was particularly enthusiastic about working with schizophrenics and patients with antisocial personality disorder, but he disliked working with substance abusers.

"When I first saw alcoholic patients, I was really turned off by them. They come in, they're drunk, and they smell bad. Then you sober them up, and within six months or less, you see them again in the emergency room," he said.

That was 1972. By 1984, he was specializing in the treatment of substance abusers as the first medical director of the Alcohol and Chemical Dependency Program at The Jewish Hospital. He gave up that position in 1992 to spend more time on research, but substance abuse still occupies a sizable portion of his clinical practice and is the primary focus of that research.

After finishing his residency in psychiatry in 1975, Lewis returned to Harvard to earn a master's degree in public health. His plan was to work in Colombia, South America.

During medical school, he had spent a summer working in the Colombian city of Medellin, which later became famous for its drug cartel. He and another medical student interviewed the families of malnourished children who were brought to the hospital, and during that summer, he learned to speak Spanish and traveled throughout the countryside.



Collins E. Lewis, M.D., initially thought he would be a surgeon when he entered medical school but instead chose a path in psychiatry.

"He's a true clinical researcher — very active both in the clinic and as a writer and reviewer of scientific papers — and that's fairly rare."

— Barry Hong

After earning a master's degree in 1976, he returned to Colombia, but political problems there forced him home after only six weeks.

Upon returning to the United States, Lewis accepted an interim position as an assistant professor with the State University of New York at Stony Brook, but within a year, he had returned to the Department of Psychiatry at Washington University as an instructor in 1977. He initially worked in a study of depression and in a clinical study of the genetics of alcoholism.

"As a resident, I had a keen interest in antisocial personality, and it was through this interest in antisocial behavior that I became involved with alcohol research," he explained.

Lewis was finding a niche in research and was beginning to investigate the relationship between antisocial personality and alcoholism, but he remained very skeptical about treatment.

A patient who made a difference

Lewis credits a patient for his change in attitude. "We had her in the hospital for 'detox,' and she was

abusing prescription medicine and alcohol very heavily, but I treated her, and she did well," Lewis recalled. "I had been accustomed to seeing people who did very poorly. But this patient didn't relapse, and it helped me learn that not all substance abusers have to be the 'revolving door' patients I had seen in my early days at Malcolm Bliss."

Lewis said that in those early days he suffered from some of the same false impressions that plague many people who deal with substance abusers.

"If you see a schizophrenic or somebody with Alzheimer's disease or somebody who is really depressed, you can tell almost right away that that person is not healthy," Lewis said. "But if you see somebody who is chemically dependent, they look and act and behave normally when they are not intoxicated."

Lewis was beginning to learn that treatment could help substance-abuse patients when a new clinical opportunity came along.

"They asked me to become the medical director of the chemical-dependency program," Lewis said. "I knew a little bit about chemical dependency through research, but I didn't have much experience treating patients."

Embracing a new treatment model

Barry Hong, Ph.D., associate professor of medical psychology and associate vice chairman for clinical affairs in the psychiatry department, worked with Lewis to put the program together. Hong chose what then was considered a controversial treatment model called Relapse Prevention. It was designed by Alan Marlatt, Ph.D., director of the Addictive Behaviors Research Center and professor of psychology at the University of Washington in Seattle. Relapse Prevention concentrates on correcting the dysfunctional thoughts and changing the self-defeating behaviors that accompany alcohol and drug abuse.

"We were very much ahead of our time in 1984," Hong said. "And there were some big challenges, but Collins worked very hard to implement the Relapse Prevention model here."

Instead of debating Alcoholics Anonymous proponents, Lewis chose to look for similarities. "I try to find overlap and to translate things into a form that patients will understand, regardless of the treatment model they favor. I think the

two models are preaching similar things but maybe just in different languages," Lewis said.

Just as Washington University's biological approach to psychiatry was radical in the 1950s and 1960s, Lewis said, the Relapse Prevention approach to substance-abuse treatment was ahead of its time in the 1980s. Both approaches made sense to him.

"I rejected the analytic, Freudian approach to psychiatry because I didn't understand it. It never made sense to me," Lewis said. "The organic medical model that Eli Robins and others developed here was something I could understand. I could say the same thing about Alan Marlatt's Relapse Prevention model for chemical dependency. They both make sense, but they were both outside the mainstream."

Since vacating the medical director's job, Lewis has focused his research on finding ways to fine tune treatment for substance abusers. In several long-term studies of alcoholics, Lewis and colleagues have been working to identify statistically important predictors of relapse. They hope to use their findings to tailor therapy to fit the needs of individual patients.

"He's a true clinical researcher — very active both in the clinic and as a writer and reviewer of scientific papers — and that's fairly rare," Hong said.

Lewis enjoys being "out of the mainstream." Listening to him speak, one is struck by the excitement in his voice. His hands quiver as he demonstrates a point, his fingers playing a trill on an imaginary keyboard. Lewis is a man who seems excited to come to work every day, doing a job that continues to pique his interest.

That's also true in his personal life, where Lewis has taken up the drums at age 50. Though not musical in his youth, he has had a lifelong interest in the drums. He's been taking lessons for about a year. Lewis said the drums have taught him patience and perseverance and given him a new appreciation for learning. "It's opened up whole new vistas, both musically and in my work. I'm learning new ways to apply discipline, concentration and effort. It's very exciting."

— Jim Dryden

Calendar

Feb. 22-March 2



Exhibitions

"Versions of the Self: The Poetry of John N. Morris." Books and manuscripts tracing the career of Morris, a retired English professor. Through March 1. Special Collections, Olin Library, Level Five. Hours: 8:30 a.m.-5 p.m. weekdays. 935-5495.

"MetroLines: Transit Poetry From Around the World." Through February. International Writers Center, West Campus Conference Center. Hours: 8:30 a.m.-5 p.m. weekdays. 935-5576.

"Lifting the Veil: Robert S. Duncanson and the Emergence of the African-American Artist." More than 50 paintings, manuscripts, newspapers, books and drawings from all periods of Duncanson's career. Through March. Gallery of Art, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. (See story, page 5.) 935-5490.

"High School Art Competition." Through Feb. 25. Bixby Gallery, Bixby Hall. Hours: 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. 935-6597.



Films

All Filmboard movies cost \$3 and are shown in Room 100 Brown Hall. For 24-hour hotline, call 935-5983.

Thursday, Feb. 22

7:30 p.m. French Film Series. "Le Jour Se Leve" (1939), with English subtitles. Room 162 McDonnell Hall. 726-1565.

Friday, Feb. 23

7 and 9:30 p.m. Filmboard. "Goodfellas" (1990), directed by Martin Scorsese. (Also Feb. 24, same times, and Feb. 25 at 7 p.m.)

Midnight. Filmboard. "Goldfinger" (1964), directed by Guy Hamilton. (Also Feb. 24, same time, and Feb. 25 at 9:30 p.m.)

Monday, Feb. 26

7 and 9 p.m. Filmboard. "Criss Cross" (1948, B&W), starring Burt Lancaster and Yvonne DeCarlo. (Also Feb. 27, same times.)

Tuesday, Feb. 27

7 p.m. Chinese Film Series. "Farewell My Concubine" (1993), with English subtitles. Room 219 South Ridgley Hall. 935-5110.

Thursday, Feb. 29

7:30 p.m. French Film Series. "L'Homme qui aimait les femmes" (1977), with English subtitles. Room 162 McDonnell Hall. 726-1565.



Lectures

Thursday, Feb. 22

11:15 a.m. Social work seminar. "The Challenges and Benefits of Measuring Service Use From Agency Record Data." Mingliang Zhang, asst. prof. and research health scientist, U. of Arkansas for Medical Sciences, Little Rock. Room 295 West Campus Conference Center. 935-5741.

1 p.m. Vision science seminar. "The Modulation of Excitatory Synaptic Inputs to Retinal Ganglion Cells," Peter Lukasiewicz, asst.

prof. of ophthalmology and visual sciences and of anatomy and neurobiology. East Pavilion Aud., Barnes Hospital. 362-3726.

2:30 p.m. Mechanical engineering seminar. "Reliability in Numerical Simulation," Barna A. Szabo, Albert P. and Blanche Y. Greensfelder Professor of Mechanics. Room 100 Cupples II Hall. 935-6055.

4 p.m. Biology and biomedical sciences seminar. "How Cells Leave Mitosis," Andrew Murray, assoc. prof. of physiology, U. of California, San Francisco. Cori Aud., 4565 McKinley Ave. 362-3364.

4 p.m. Chemistry seminar. "Fundamental Aspects of Bulk Magnetic Susceptibility in NMR: From Spectroscopic Nuisance to Brain Function," Charles Springer, prof. of chemistry, Brookhaven National Laboratory and State U. of New York, Stony Brook. Room 311 McMillen Lab. 935-6530.

4 p.m. Earth and planetary sciences colloquium. "Volatile Evolution in Mid-ocean Ridge Hydrothermal Systems," Deborah S. Kelley, asst. prof., School of Oceanography, U. of Washington, Seattle. Room 362 McDonnell Hall. 935-5610.

4:15 p.m. Philosophy colloquium. "Hume and Naturalized Epistemology," Ted Morris, prof. of philosophy, U. of Cincinnati. Hurst Lounge, Room 201 Duncker Hall. 935-5119.

4:30 p.m. Math colloquium. "On Leibniz Homology," Gerald Lodder, prof. of mathematics, New Mexico State U., Las Cruces. Room 199 Cupples I Hall. 935-6726.

Friday, Feb. 23

9:15 a.m. Pediatric Grand Rounds. "The Athletic Triad: Eating Disorders, Osteoporosis and Amenorrhea," Jean Emans, Ray Kroc Visiting Professor of Pediatrics, assoc. prof. of pediatrics at Harvard Medical School, and co-chief, Division of Adolescent Medicine, Boston Children's Hospital. Eric P. Newman Education Center Aud. 454-6006.

Noon. Cell biology and physiology seminar. "Heat Shock Proteins and Prions: New Twists on Old Problems," Susan Lindquist, assoc. prof., Dept. of Molecular Genetics and Cell Biology, Howard Hughes Medical Institute, U. of Chicago. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

1 p.m. German lecture and brown bag luncheon. "Post-unification German Literature," Brigitte Rossbacher, asst. prof. of Germanic languages and literatures. Stix International House Dining Room. 935-5106.

Saturday, Feb. 24

11 a.m. University College Saturday Seminar. "Great Public Spaces, Past and Present," Cynthia Weese, prof. and dean, School of Architecture. Room 362 McDonnell Hall. 935-6788.

Monday, Feb. 26

4 p.m. Biology seminar. "Bacteria-phage Predator-prey Interactions: Models and Experiments," John Mittler, Dept. of Biology, Emory U., Atlanta. Room 322 Rebstock Hall. 935-6850.

4 p.m. Education lecture. "The Study of Culture and Development in Community Settings: The Case of Computer-mediated Communication and Instruction," Michael Cole, prof. of communication and psychology, U. of California, San Diego. Women's Bldg. Lounge. (Reception: 3:30 p.m.) 935-6707.

4 p.m. Immunology seminar. "Regulations to Cytokine Gene Transcription: Calcineurin and NFAT," Anjana Rao, assoc. prof. of cell and molecular biology, Dana Farber Institute, Boston. Third Floor Aud., St. Louis Children's Hospital. 362-8748.

4 p.m. Social thought and analysis colloquium. "Is Liberal Democracy a Human Right?" Pratap Mehta, asst. prof. of government and social studies, Harvard U. Room 219 McMillan Hall. 935-4860.

4:30 p.m. Math colloquium. "Perturbations of the Mean Curvature Motion Related to the La Place Equation," Aline Bonami, prof. of mathematics, Université d'Orléans, France. Room 199 Cupples I Hall. 935-6736.

Tuesday, Feb. 27

10 a.m. Biology seminar. "Future Work: Bacteria-phage Predator-prey Interactions: Models and Experiments," John Mittler, Dept. of Biology, Emory U., Atlanta. Room 202 Life Sciences Bldg. 935-6850.

Noon. Molecular microbiology/microbial pathogenesis seminar. "An ABC Transporter Protein for Manganese in a Cyanobacterium," Himadri Pakrasi, assoc. prof. of biology. Room 775 McDonnell Medical Sciences Bldg. 362-1514.

1:15 p.m. Physics seminar. "Fullerenes, Nanotubes, Nanopolyhedra: New Twists and Turns for Trivalent Carbon," Rodney S. Ruoff, research staff scientist, Molecular Physics Laboratory, S.R.I. International, Menlo, Calif. Room 241 Compton Hall. 935-6276.

4 p.m. Diabetes research seminar. "Aceruloplasminemia: A New Cause of Diabetes," Jonathan Gitlin, assoc. prof. of pediatrics and of pathology. Pathology Library, Room 3723 West Bldg. 362-7435.

7 p.m. Women's Midlife Fan Club seminar/discussion. "Self-esteem — Feeling Good About Yourself Through the Middle Years," Meg Marian, Barnes Physician Practice Support. Private Dining Room, Barnes West County Hospital, 12634 Olive Blvd. 362-6667.

Wednesday, Feb. 28

6:30 a.m. Anesthesiology Grand Rounds. "Neuroprotection at the Millenium," Steven M. Rothman, Ernest and Jane G. Stein Professor of Developmental Neurology and of Developmental Pediatrics and prof. of anatomy and neurobiology. Wohl Hospital Bldg. Aud., 4960 Children's Place. 362-6978.

8 a.m. Obstetrics and Gynecology Grand Rounds. "Reproductive Problems in the British Royal Family," Carol Lennon, chief resident, Dept. of Obstetrics and Gynecology. Clopton Aud., 4950 Children's Place. 454-7886.

11 a.m. Assembly Series. Ashoka Lecture. "Beyond Multiculturalism: The Making of a New American Identity Through Fiction," Bharati Mukherjee, prof. of English, U. of California, Berkeley. Graham Chapel. (See story, page 5.) 935-5285.

3:45 p.m. Physics seminar. "More Fun With Trivalent Carbon: Fullerenes and Related Materials," Rodney S. Ruoff, research staff scientist, Molecular Physics Laboratory, S.R.I. International, Menlo, Calif. Room 204 Crow Hall. 935-6276.

4 p.m. Biology for the 21st Century Seminar. "Metabolic Engineering — Teaching Old Pathways New Tricks," Chris Somerville, director, Dept. of Plant Biology, Carnegie Institution of Washington, Stanford, Calif. Room 215 Rebstock Hall. 935-6860.

7 p.m. Romance languages and literatures lecture. "Unheard Voices: The French Caribbean Women Writers," Maryse Condé, Guadeloupean critic and novelist. Room 162 McDonnell Hall. (See story, page 5.) 935-5175.

Thursday, Feb. 29

9:30 a.m. Dept. of Medicine Grand Rounds. "Pneumococcal Infections: Problems and Prospects," J. Russell Little, prof. of medicine and of molecular microbiology and chief, Infectious Diseases Division. Clopton Aud., 4950 Children's Place. 454-7782.

11:15 a.m. Social work seminar. "Selecting and Writing for the NIH Review Committee," Enola K. Proctor, Frank J. Bruno Professor of Social Work Research and director, Center for Mental Health Services Research, and Nancy Morrow-Howell, assoc. prof. of social work. Room 353 West Campus Conference Center. 935-5741.

1 p.m. Vision science seminar. "Etiopathogenesis of Uveitis," Nalini Bora, asst. prof. of ophthalmology and visual sciences. East Pavilion Aud., Barnes Hospital. 362-3726.

3:45 p.m. Physics colloquium. "TeV Gamma-ray Astronomy," James Buckley, F.L. Whipple Observatory, Amado, Ariz. Room 201 Crow Hall. 935-6276.

4 p.m. East Asian studies colloquium. "The First Generation of Japanese Political Women," Sally Hastings, assoc. prof. of history, Purdue U., West Lafayette, Ind. Room 30 January Hall. 935-4448.

4 p.m. Woman's Club 21st Century Lecture. "Brain Imaging in the 21st Century," Marcus E. Raichle, prof. of radiology, of neurology and neurological surgery and of anatomy and neurobiology. May Aud., Simon Hall. (Reception will follow.) 935-5151 or 966-2940.

4:15 p.m. Philosophy-neuroscience-psychology colloquium. "Toward a Deficit

Architecture of Multiple Personality Disorder," George Graham, prof. of philosophy, U. of Alabama, Birmingham. Room 110 January Hall. 935-5119.

4:30 p.m. Art history and archaeology lecture. "The Spoils of War: Collecting in Ancient Assyria," Allison Carmel, doctoral candidate, Dept. of Art History and Archaeology, Columbia U., N.Y. Room 116 Givens Hall. 935-5287.

4:30 p.m. Math colloquium. Jerry Loeb Colloquium. "Singular Points of Theta Divisors," Robert Lazarsfeld, prof. of mathematics, U. of California, Los Angeles. Room 119 Cupples I Hall. 935-6726.

6 p.m. Social work lecture and panel discussion. "Violence in Our Community: Policy and Practice," James Herbert Williams, asst. prof. of social work, will serve as mediator. Experts from local schools, courts and social-service agencies will discuss new policies and procedures in the juvenile justice system. Brown Hall Lounge. For cost and credit info., call 935-4909.

Friday, March 1

Noon. Cell biology and physiology seminar. "Evidence That All Alzheimer's Mutations Increase Extracellular A β 1-42," Steven G. Younkin, Mayo Clinic, Jacksonville, Fla. Room 426 McDonnell Medical Sciences Bldg. 362-4690.

Noon. Environmental engineering seminar. "Washington University's Environmental Activities in Egypt," Mohamed Sultan, senior research scientist, Dept. of Earth and Planetary Sciences. Room 216 Urbauer Hall. 935-8590.

3:15 p.m. Political science lecture. "Human Resources and Development in East Asia and Latin America," James McGuire, asst. prof., Government Dept., Wesleyan U., Middletown, Conn. Room 300 Eliot Hall. 935-5822.

6 and 8:30 p.m. WU Association Travel Lecture Series. "Raise the Bamboo Curtain: Vietnam and Burma," Rick Ray, travel film producer. Cost: \$4.50. Graham Chapel. 935-5212.



Music

Sunday, Feb. 25

3 p.m. Symphony orchestra concert. Directed by Dan Presgrave, instrumental music coordinator and lecturer in music. Program: "Tragic" overture by Johannes Brahms; Violin Concerto in D minor by Jan Sibelius with student soloist Nicole Willeumier; and Symphony No. 3 in A minor ("Scottish") by Felix Mendelssohn. Saint Louis Symphony Music School, 560 Trinity Ave., University City. 935-5581.

5 p.m. Vocal recital. Featuring senior music major Gina Galati. Program: "Cantate Français" by George Frideric Handel; "The Shepherd on the Rock" by Franz Schubert; and songs by Gioacchino Rossini, Benjamin Britten and Carlisle Floyd. Graham Chapel. 935-5581.

Wednesday, Feb. 28

8 p.m. Jazz band concert. Directed by Chris Becker, jazz ensemble director. Graham Chapel. 935-5581.



Performances

Friday, Feb. 23

7:30 p.m. Jammin' Toast. An a cappella concert featuring the WU Pikers and the Greenleaves; the Tufts Amalgamates of Boston; and No Strings Attached of the U. of Illinois. (Also Feb. 24, same time.) The Feb. 24 concert features the Pikers, the Tufts

Amalgamates, the WU Mosaic Whispers, and the Carleton College Knights from Northfield, Minn. Cost: \$6 for the general public and \$4 for WU students, faculty and staff. Edison Theatre. 935-1414.

8 p.m. Performing Arts Dept. presents "The Double Inconstancy," a Pierre Carlet de Marivaux romantic comedy. (Also Feb. 24, same time, and Feb. 25 at 2 p.m.) Cost: \$8 for the general public and \$6 for senior citizens, all students, and WU faculty and staff. Drama Studio, Room 208 Mallinckrodt Center. 935-6543.

8 p.m. Performing Arts Dept. presents "An Evening of Extraordinary Yet Extremely Tangible Dance (and Some Darn Good Music)," featuring performing arts undergraduate students. (Also Feb. 24, same time.) Olin I Dance Studio, Women's Bldg. 725-9156.

Friday, March 1

8 p.m. Edison Theatre's "Stage Left" series presents Rinde Eckert in "The Idiot Variations." (Also March 2, same time.) Cost: \$12 for the general public and \$10 for WU faculty, staff and students. Edison Theatre. 935-6543.



Miscellany

Friday, Feb. 23

Indian Awareness Week begins. Events include a party, a carom tournament (the Indian version of pool using hands instead of a cue), a trip to temple, a religious forum, a cultural variety show, lectures and movies. Held at various times and locations on campus. (See story, this page.) 935-1026 or 935-2980.

Sports

Compiled by Mike Wolf, director, and David Moessner, assoc. director, sports information.

Bears could clinch NCAA bid vs. Chicago

Although the Washington University men's basketball team wrapped up a share of its second-consecutive University Athletic Association (UAA) crown last weekend, the nationally ranked Bears still have some work to do to ensure an invitation to the NCAA Division III Tournament. After beating New York University 94-74 and Brandeis University (Waltham, Mass.) 93-70, the Bears must defeat the University of Chicago on Saturday, Feb. 24, to automatically earn a spot in the NCAA tourney. If Chicago defeats the Bears, the Maroons would tie the Bears for the league title, and a coin flip would determine which school would receive the league's NCAA tournament berth. Junior point guard J.J. Siepierski was one of the Bears' many weekend heroes, totaling 47 points, 17 assists, eight rebounds and four steals. He scored a career-high 30 points against Brandeis. Senior Kevin Folkl pumped in 41 points for the two games, sinking 17 of 24 field goals.

Current record: 19-5 (12-1 UAA)

This week: 8 p.m. Saturday, Feb. 24, vs. University of Chicago, Field House

Women hoopsters beat fourth-ranked NYU

Posting its most momentous win of the season, the women's basketball team toppled fourth-ranked New York University 59-51 last weekend at home. Junior Sara Scheffler and senior Jennifer Smith each scored 12 points to help extend the Bears' UAA home winning streak to 37 games. The victory, coupled with a 73-51 win over Brandeis University, pulled the Bears to within one game of NYU in the UAA standings. That's the good news. The bad news is that each team has only one game left on the slate — with WU meeting the University of Chicago and NYU facing Brandeis, both games taking place on Saturday, Feb. 24. The

Saturday, Feb. 24

10-11:30 a.m. Published authors panel discussion. Featured authors include David Carkeet, Donald Finkel and Ellen Dolan. Cost: \$20 for the general public; free for WU faculty, staff and students. Bixby Gallery, Bixby Hall. To register, call 935-4643.

2 p.m. Storytelling performance.

Children's storyteller Robert Tabscott will present tales of African-American life in St. Louis. (See story, this page.) Gallery of Art, upper gallery, Steinberg Hall. 935-5490.

Tuesday, Feb. 27

8 p.m. Poetry reading. Cyrus Cassells will read from his works. Cost: \$5 for the general public; free for senior citizens and students. Arts and Education Council cardholders receive a two-for-one discount. West Campus Conference Center. (See story, page 1.) 935-5576.

Thursday, Feb. 29

11 a.m. and 1:30 p.m. 19th Annual James L. O'Leary Neuroscience Prize Competition. Students and fellows present their works in an open program. Room 928 McDonnell Medical Sciences Bldg. 362-6947.

Friday, March 1

Continuing Medical Education conference reservation deadline. "Internal Medicine Review," to be held Monday evenings March 4 through May 22 in The Jewish Hospital of St. Louis' Steinberg Amphitheater. For costs, credit info. and to register, call 362-6891.

Continuing Medical Education conference reservation deadline. "Fourth Annual Refresher Course and Update in General Surgery," to be held March 13-15 at the Eric P. Newman Education Center. For costs, credit info. and to register, call 362-6891.

Continuing Medical Education conference reservation deadline. "Clinical Pulmonary Update," to be held March 21-22 at the Eric P. Newman Education Center. For costs, credit info. and to register, call 362-6891.

best the Bears can hope for is a tie in its quest for an eighth UAA crown. Things are looking up on the national front, however, as last weekend's wins virtually assure the Bears of a seventh-consecutive NCAA tournament appearance.

Current record: 19-5 (11-2 UAA)

This week: 6 p.m. Saturday, Feb. 24, vs. University of Chicago, Field House

Indoor track squads fare well at Chicago

With double-winner Jerylin Jordan leading the charge, the women's track and field team raced to a second-place showing at last weekend's University of Chicago Invitational. The men finished fourth. Jordan, a junior who advanced to nationals a year ago, took top honors in both the 1,500-meter run (4 minutes, 55.40 seconds) and the 3,000 (10:33.04). She was joined on the victory stand by freshman Monica Lewis, who won the 400 (1:00.44). The men's sole winner was senior Asa Flanigan, who broke the tape in the 3,000 (8:54.79).

This week: 11 a.m. Saturday, Feb. 24, at Knox College Invitational, Galesburg, Ill.

Swim teams play host to UAA Championships

Some of the elite aquatic talent in the NCAA Division III ranks will be making waves this week as Washington University hosts the ninth annual UAA Championships. The four-day event will take place Wednesday through Saturday, Feb. 21 through 24, in WU's Millstone Pool. After a diving trials session at 4:30 p.m. Feb. 21, the next three days will follow the same schedule: trials beginning at 10 a.m. followed by finals at 6 p.m. The only exception is that Saturday's finals will start at 5:30 p.m.

Current record: men 8-2, women 4-3

This week: Wednesday-Saturday, Feb. 21-24, UAA Championships, Millstone Pool, Field House

Novelist Bharati Mukherjee keynotes Indian Awareness Week

Author Bharati Mukherjee will deliver the Ashoka Lecture at 11 a.m. Wednesday, Feb. 28, in Graham Chapel. Her lecture, part of the Assembly Series, is titled "Beyond Multiculturalism: The Making of a New American Identity Through Fiction."

That same day, Mukherjee will participate in a reception/informal discussion from 12:15 to 1:30 p.m. in the Women's Building Lounge. Both events are free and open to the public.

Mukherjee, best known as the author of the novel "Jasmine" (1989) and the short story collection "The Middleman and Other Stories" (1988), has been a professor of English since 1990 at the University of California, Berkeley. Prior to that, she was a professor of English at the City University of New York from 1987 to 1990.

Mukherjee's other novels include "The Holder of the World" (1993), "Wife" (1975) and "The Tiger's Daughter" (1972). In addition to "The Middleman," which won the 1988 National Book Critics Circle Award for fiction, Mukherjee has written one other short story collection, "Darkness," which was published in 1985. She is also the co-author of two non-fiction works, "Days and Nights in Calcutta" (1977 and 1995) and "The Sorrow and the Terror" (1987), an account of the aftermath of the terrorist bombing of Air India Flight 182.

In addition to frequent reviews for The New York Times Book Review, the Philadelphia Inquirer and other publications, Mukherjee also has written numerous essays on American-Asian literature and contemporary cultural issues in the United States. Her honors include a National Endowment for the Arts grant and Canada Council Senior Arts and Guggenheim fellowships.

Mukherjee earned a bachelor's degree in 1959 from the University of Calcutta,

India, and a master's degree in English and ancient Indian culture in 1961 from Baroda University, India. She went on to



Bharati Mukherjee

earn a master's degree in creative writing in 1963 and a doctorate in English and comparative literature in 1969, both from the University of Iowa.

The Ashoka Lecture is part of Indian Awareness

Week, which runs from Friday, Feb. 23, through Wednesday, Feb. 28. The preliminary schedule of events includes a party, a carom tournament — the Indian version of pool using hands instead of a cue — a trip to temple, a religious forum and a cultural variety show, in addition to lectures and movies. Mukherjee's lecture is co-sponsored by the Assembly Series, the Department of English in Arts and Sciences, Ashoka and Student Union.

For more information on Mukherjee's lecture, call 935-5285. For more information on Indian Awareness Week, call students Mili Vakil at 935-1026 or Saritha Gandra at 935-2980.

Wilma Mankiller lecture rescheduled

The Assembly Series lecture by Wilma Mankiller — originally scheduled for Feb. 7 — has been rescheduled for 4 p.m. April 11 in Graham Chapel.

Mankiller, former principal chief of the Cherokee Nation of Oklahoma, will speak on "Contemporary Tribal Issues." Her first speaking date was canceled due to illness.

Guadeloupean writer visits campus

Guadeloupean critic and novelist Maryse Condé will speak on "Unheard Voices: The French Caribbean Women Writers" during a lecture at 7 p.m. Wednesday, Feb. 28, in Room 162 McDonnell Hall.

The free lecture, which is sponsored by the Department of Romance Languages and Literatures in Arts and Sciences, is open to the Washington University community. After the lecture, a reception for Condé will be held outside Room 162.

Condé, who studied at the Sorbonne in Paris, also is a playwright, radio producer and scholar. She teaches Caribbean literature at Columbia University in New York.

In Condé's first novel, titled "Heremakhonon" (Waiting for Happiness), she chronicles a woman's quest for identity amid the backdrop of traditional and modern values, as well as issues

involving race, gender, politics and history. The novel was published in 1976.

Condé was born in Pointe-à-Pitre, Guadeloupe, and has lived and taught in Europe, Africa and the United States.

Norris J. Lacy, Ph.D., professor and chair of the Romance languages and literatures department, said, "We have traditionally had a Visiting Distinguished Professor spend a semester with us each year — in French one year and in Spanish the next. This year, we decided to bring two major French women writers for shorter periods, Maryse Condé in February and Annie Ernaux in April. This is an unparalleled opportunity for our students. The exciting aspect of this arrangement is that, in addition to giving public lectures, the novelists will appear in classes that, in some cases, have been constructed around their works."

For more information about the lecture, call 935-5175.

Two Duncanson-related events planned

A storyteller will talk about African-American life in St. Louis and a graduate student will discuss the Gallery of Art's Robert S. Duncanson exhibit in two events Feb. 24 and 29.

At 2 p.m. Saturday, Feb. 24, children's storyteller Robert Tabscott will perform in the Gallery of Art's upper gallery in Steinberg Hall. Tabscott is widely known for his captivating stories and lively performances.

At 12:10 p.m. Thursday, Feb. 29, gradu-

ate student Stacey Robinson will give an informal presentation and discussion of the Duncanson exhibit in the upper gallery. Robinson helped prepare educational materials for the Duncanson exhibit.

The Duncanson exhibit — titled "Lifting the Veil: Robert S. Duncanson and the Emergence of the African-American Artist" — will be at the Gallery of Art through March.

For more information, call 935-5490.

POC may add children's charity — from page 1

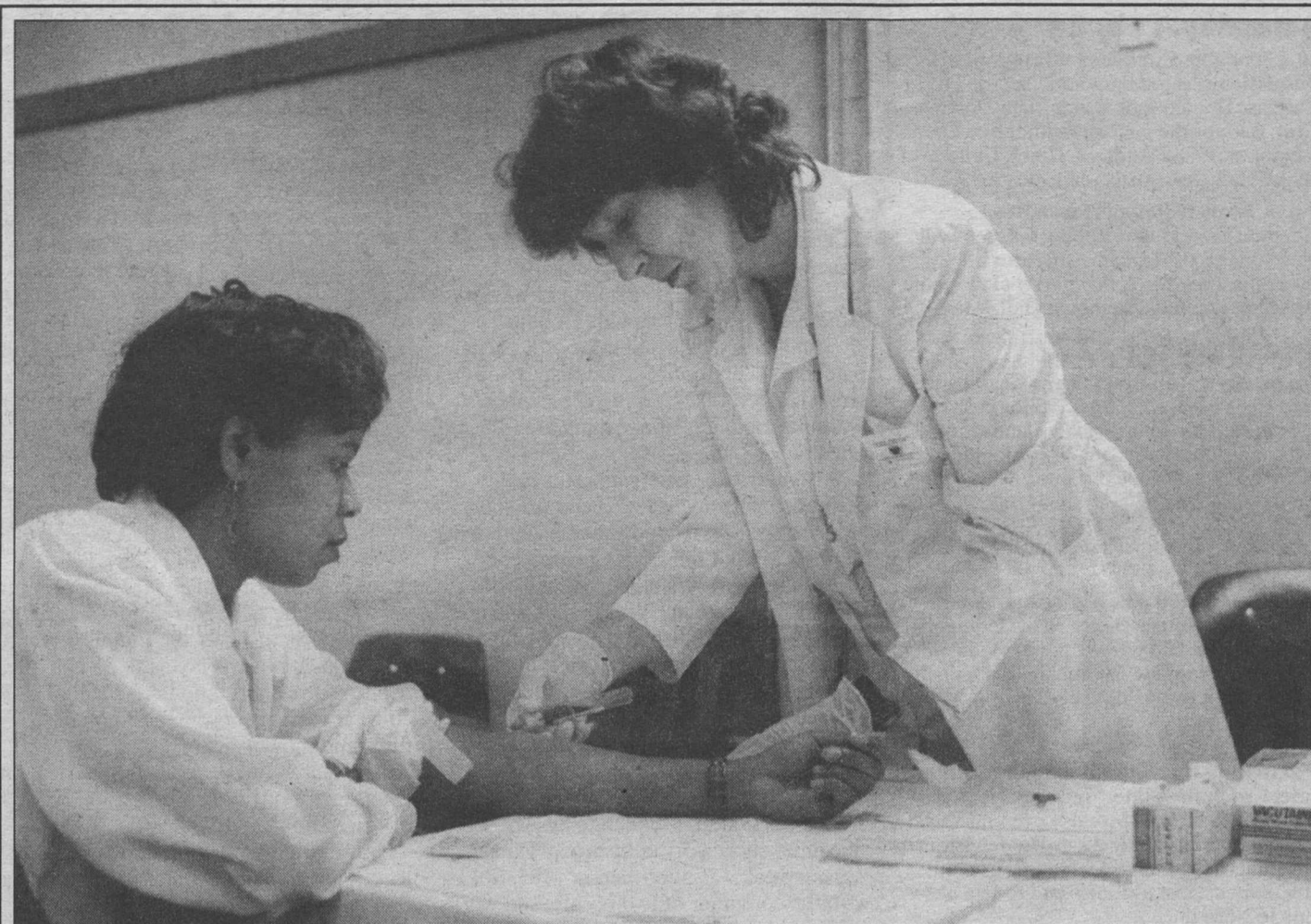
they get down to business. I really miss the students and their productivity over extended school breaks."

POC has expanded this semester to include undergraduates and currently has volunteer commitments from about 100 students, an increase of roughly 20 percent over the inaugural semester. Chow said increased student involvement will allow team sizes to be increased and more non-profit organizations to be serviced. She also said many students have expressed interest in volunteering for a children's charity, and the POC committee is working to add one for fall 1996.

"I think our students know the importance of community service and have a lot to contribute in terms of energy and enthusiasm," Chow said. "The deterrent to getting involved has been the necessary time commitment, and POC has found a way around that. I hope that community service will continue to grow and be an integral part of what students do here."

In addition to Chow, POC committee co-chairs are MBA students Eric Foster, Lisa Gass, Zoe Lindeman, Ruben Mella and Uyen Tran.

For more information on the POC initiative, call 727-7007.



Valerie Cummings, a graduate student in the John M. Olin School of Business and president of the school's Business Minority Council (BMC), has blood drawn by phlebotomist Theresa Morena at a bone marrow donor drive held last month in Mallinckrodt Center. The drive was organized by the BMC and the St. Louis Alumnae Chapter of Delta Sigma Theta Sorority in an effort to find a bone marrow donor for Jometric "Joe" McIntyre, a 1994 business alumnus who is suffering from acute myelogenous leukemia. He needs a transplant to save his life. For testing information, call the Heart of America Bone Marrow Donor Registry at 725-0171.

Disparity of wealth topic of discussion at 'Hunger Banquet'

The dinner menu will range from a crust of bread to a full meal with dessert as George Warren Brown School of Social Work students sponsor "The Hunger Banquet" from 5:30 to 7 p.m. Monday, Feb. 26, in Brown Hall Lounge.

Diners at the benefit banquet will be selected at random to receive either a hearty meal or a much skimpier selection, some receiving only a single piece of bread.

A discussion about feelings of "unfairness" from the experience will follow the meal. The proceeds from the \$4-per-person admission cost will be donated to a local food pantry.

"We hope to raise awareness about the disparity of wealth and resources in our country," said Jessica Langford, a first-year master's of social work student. "Our goal is to raise the consciousness of students about social problems and to get students involved in making a difference."

The event is sponsored by "FocusSED on Social Justice," an organization formed by students specializing in social and economic development (SED) at the social work school. Membership in the group is open to any University student interested in working to improve social conditions in the community.

To make reservations for the banquet or for more information on the group, call 725-2602.

Police director urges campus community to maintain its vigilance

Although the number of reported criminal incidents on the Hilltop Campus decreased in 1995 — and the crime rate here is significantly lower than the national average — members of the campus community should continue to take precautions for the safety of themselves and their belongings, said William F. Taylor, director of the Washington University Police Department.

"We had a good year last year, and we need to maintain our vigilance," Taylor said. "By and large, our numbers went down last year. Part of what I think led to our success last year was that people called us when things looked out of place or things didn't look right."

The Hilltop Campus' 1995 crime rate was 19.6 reported criminal incidents per 1,000 residents. The national crime rate was 53.7 reported crimes per 1,000 residents in 1994, the last year for which national statistics are available.

"When one considers that the Hilltop Campus is a community of 15,000 students, faculty and staff, the crime rate here is indeed low," Taylor said.

There were 294 criminal incidents on the Hilltop Campus reported to University Police in calendar year 1995 — a 34 percent decrease from the 443 criminal incidents reported in calendar year 1994.

More than 85 percent of these criminal incidents involved thefts, which are described as the non-violent larceny of personal belongings, such as a purse taken from an unlocked desk drawer, a backpack stolen from an open locker or compact discs taken from a non-secured residence hall room.

There were 278 thefts on the Hilltop Campus reported to University Police in calendar year 1995 — a 26 percent decrease from the 376 thefts reported in 1994.

"We want to be careful that we don't rest on our laurels just because the number of reported crimes went down last year," Taylor said, adding that it's important to re-communicate to the University community the importance of following safety tips.

One of the most important tips to avoid theft is to store personal belongings in safe places — that means locking desk drawers, lockers and office and residence hall doors.

If you store a wallet or a purse in a file cabinet, lock the drawer even while you are in the room. If you leave the office just to grab a cup of coffee, lock the door behind you.

"It only takes a few seconds for someone to pick up your personal belongings and walk off," Taylor said. "There are thieves who specialize in this type of theft who walk through offices or dormitories looking for these 'unlocked' opportunities."

If you notice someone in your building or residence hall who doesn't appear to belong there, don't hesitate to contact University Police at 935-5555.

"I like to tell people to trust their instincts. If something doesn't look right, it's probably not, and it doesn't hurt to react to that," Taylor said.

In addition to a regular telephone, people may contact University Police through one of the 67 "blue-light emergency phones" located throughout campus and the surrounding areas. The phones are so named because a blue light shines above each of the phones.

Sixty-one emergency phones are located on the Hilltop Campus; three phones are located on the Fontbonne College campus; and three are located on the Greenway Walkway that begins at Millbrook Boulevard and runs north into University City.

The 61 Hilltop and three Fontbonne emergency phones ring directly into the Washington University Police Department. The three Greenway Walkway phones ring directly into the University City Police Department. The emergency phones do not require users to dial a specific number; instead, pushing a single button automatically connects users to the appropriate police agency.

Three more emergency phones will be installed this spring near the newly constructed building housing the Department of Psychology in Arts and Sciences, and one more phone will be added near the new School of Law building once it's completed, Taylor said.

He encourages people to travel across campus with a group of friends rather than alone. If you are unable to travel across campus with friends, Taylor suggests you contact one of the three escort options available to the campus community.

There's a service operated by work-study students who provide vehicular transportation from 6 p.m. to 1 a.m. seven days a week when classes are in session. The number for this service, which is run out of the University Police's Transportation Division, is 935-7777.

The Student Escort and Area Security service is staffed by student volunteers who serve as walking escorts from 9 p.m. to 2 a.m. seven days a week when classes are in session. The number is 935-7469.

Finally, if these two services are not in operation, Taylor suggests people call University Police to request an escort by an officer.

Other safety tips to keep in mind include:

- Let someone know where you're headed in the evening and when to expect you to return. If you must travel alone, walk in well lighted areas where others can see you.

- Prepare yourself to react to an assault by practicing techniques with friends or family members.

- Purchase a vehicle-security system and portable telephone if you can.

- Acquaint yourself with police officers who routinely patrol your area of residence or your workplace.

- As you approach your vehicle, look under, around and inside it before opening the door and getting inside. Once inside, lock the doors.

- Do not accept rides from people you do not know.

"The biggest key to personal safety is to maintain an awareness of what's going on around you," Taylor said. "What I like to encourage people to maintain is a reasonable apprehension — that mindset in which you stay on top of things; you know things can happen; and you take precautions. People need to be personally aware about their personal safety." — Michael Slatin

Campus Watch

The following incidents were reported to the University Police Department Feb. 12-18. Readers with information that could assist the investigation of these incidents are urged to call 935-5555. This release is provided as a public service to promote safety-awareness on campus.

Feb. 12

10:26 a.m. — A staff member reported that stereo equipment, valued at \$989, was stolen from Blewett Hall between Dec. 22 and Jan. 15.

11 a.m. — A student reported being verbally harassed by another student Feb. 5 in Simon Hall. The incident was referred to the judicial administrator.

Feb. 13

4:33 a.m. — A cab driver reported that a student went into Helen Ette Park House to obtain money to pay the fare but did not return to do so. At 11 a.m., police contacted the student, who then paid the fare. The incident was referred to the judicial administrator.

8:15 p.m. — A staff member reported that a leather coat, valued at \$299, was stolen from Wohl Student Center.

Feb. 15

9:45 p.m. — University Police responded to a minor non-injury traffic accident in a parking lot near the Women's Building.

Feb. 16

8:36 a.m. — University Police responded to a minor non-injury traffic accident in a parking lot near Mallinckrodt Center.

8:01 p.m. — A pager, valued at \$60, was reported stolen from the Athletic Complex.

Feb. 17

4:08 a.m. — A student reported that a concrete block was thrown through the windshield of a vehicle parked near the fraternity houses.

10:20 a.m. — A student reported that the rear window of a vehicle was smashed while the vehicle was parked near the fraternity houses.

10:30 a.m. — University Police discovered a broken window on a vehicle parked near the tennis courts.

Feb. 18

12:38 a.m. — University Police responded to a minor non-injury traffic accident in a parking lot near the tennis courts.

12:08 p.m. — A fraternity member reported that someone shot 35 to 40 paint balls at the front of a fraternity house.

5:36 p.m. — A student reported that the rear window of a vehicle was broken while the vehicle was parked near the tennis courts.

University Police also responded to a report of trespassing in Brown Hall and to reports of vandalism at Millbrook Square apartments, Lopata Hall, Hurd Residence Hall, Wohl Student Center and the tennis courts.

Introducing new faculty members

Medical Campus:

Christine H. Lorenz, Ph.D., assistant professor of medicine, of biomechanics and of biomedical computing, comes from Vanderbilt University in Nashville, Tenn., where she was an assistant professor of radiology and radiological sciences. Among her research interests is the development of magnetic resonance imaging (MRI) for non-invasive diagnosis of cardiovascular disease. Lorenz received a bachelor's degree in mechanical engineering in 1986 from Washington University and a master's degree in mechanical engineering in 1988 from Vanderbilt. She received a doctorate in biomedical engineering in 1992 from Vanderbilt.

John D. McPherson, Ph.D., assistant professor of genetics, comes from the University of California in Irvine, where he was an assistant professor in biological chemistry and in psychiatry and human behavior. He sequences DNA from human chromosomes and searches for disease genes. He received a bachelor's degree in biochemistry in 1983 from Queen's University in Kingston, Ontario, and a doctorate in biochemistry in 1989 from Queen's.

Laurence Meyer wins top forecasting prize

For the second time in three years, Laurence H. Meyer, Ph.D., professor of economics in Arts and Sciences, has earned one of the economic profession's top prizes for forecast accuracy — the Blue Chip Forecasting Award.

The Blue Chip Economic Indicators newsletter, which is published by Capitol



Laurence H. Meyer

Publications Inc. of Alexandria, Va., is the most widely quoted consensus economic forecast in the United States, according to its editor, Robert J. Eggert Sr. The Blue Chip Forecasting Award recognizes Meyer's forecasts as the most accurate among a panel of 52 contributing economists surveyed monthly by the newsletter.

Meyer, a member of the Washington University faculty since 1969, received the 1995 award and a \$5,000 prize at a luncheon and news conference Feb. 13 in New York. The award is sponsored by Charles H. Brunie, chairman of Oppenheimer Capital in New York, and Lawrence Mone, president of the Manhattan Institute for Policy Research, also in New York. Meyer also won the award in 1993.

Meyer is a research associate with the Center for the Study of American Business and former chair of the Department of Economics. Since 1982, he has been president of Laurence H. Meyer & Associates Ltd., a St. Louis-based economic consulting firm specializing in macro-economic forecasting and policy analysis.

For The Record

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

Of note

Mark P. Callery, M.D., assistant professor of surgery, received a \$536,704 five-year grant from the National Institute of General Medical Sciences for a project titled "Molecular Signaling Mechanisms in Sepsis." ...

The **Community Outpatient Practice Experience (COPE)** program in the Department of Pediatrics was awarded the 1996 Outstanding Teaching Award from the Ambulatory Pediatric Association. All pediatric residents at the School of Medicine participate in the COPE program, which is one of a handful nationwide that matches residents with community pediatricians. **Kimberlee C. Recchia, M.D.**, is the program director.

Speaking of

Garland E. Allen, Ph.D., professor of biology in Arts and Sciences, delivered a talk titled "Is There a New Eugenics Afoot? Lessons From the Past: Eugenics and National Efficiency in the United States and Germany, 1900-1945" at the University of Tennessee in Knoxville. His presentation was the first talk in a series of public lectures on "The Human Genome Project: Its Social and Ethical Implications" at the university. ...

Harold J. Brandon, D.Sc., affiliate professor of mechanical engineering, and **V. Leroy Young, M.D.**, professor of plastic and reconstructive surgery, deliv-

ered a paper on "Transient and Spatial Characterization of Electrosurgical Smoke" at a workshop in Denver on operating room smoke. The workshop was sponsored by the Association of Operating Room Nurses. ...

Kenneth W. Chilton, Ph.D., director of the Center for the Study of American Business, spoke on "Meeting the Environmental Challenge as if Economics Matters" at the University of Vermont in Burlington. His talk was an inaugural lecture in a joint course offered in a new environmental management program presented by the university's School of Natural Resources and School of Business. ...

During the Workshop on the Pick Complex in Snowmass Village, Colo., **John C. Morris, M.D.**, associate professor of neurology, spoke on "Hereditary Dysphasic Dementia." The workshop was part of the 29th annual Winter Conference on Brain Research. ...

Mohamed-Salah Omri, a graduate student in comparative literature in Arts and Sciences, traveled to Cairo, Egypt, where he attended The International Conference on Comparative Literature in the Arab World. ...

Robert Parks, Ph.D., associate professor of economics in Arts and Sciences, presented three two-hour sessions during the annual American Economic Association's meetings in San Francisco. The sessions were titled "What's on the Internet for Economists?" He also was a discussant during the association's session on financing public education. ...

Sue Taylor, Ph.D., lecturer in music in University College in Arts and Sciences,

presented two papers at an international conference titled "Austria 1996-1996: Music in a Changing Society" in Ottawa, Canada. Her papers were titled "Mahler's Klangfarbengruppe as Emblematic of Januskopf in his Orchestrations" and "The Piano and Gustav Mahler's 'Um Mitternacht.'" ...

To press

Eleni Bastéa, Ph.D., assistant professor of architecture, contributed the leading article in an anthology titled "Constructed Meaning: Form and Process in Greek Architecture" published by the University of Minnesota. Her article is titled "Forging a National Image: Building Modern Athens." ...

Ahmet T. Karamustafa, Ph.D., director of the Center for the Study of Islamic Societies and Civilizations and associate professor of Islamic thought in Arts and Sciences, was appointed the International Journal of Middle East Studies' book review editor for religion and literature. In addition, the American Research Institute, based at the University of Pennsylvania, elected him a delegate-at-large. The institute is a consortium of 34 universities.

Guidelines for submitting copy:

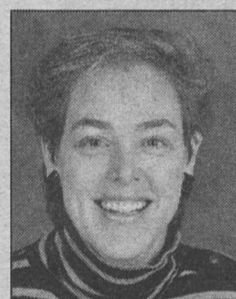
Send your full name, complete title, department, phone number, and highest-earned degree, along with a typed description of your noteworthy activity, to For The Record, c/o Carolyn Sanford, Campus Box 1070, or p72245cs@wuvmd.wustl.edu. Items must not exceed 75 words. For more information, call Sanford at 935-5293.

Pamela Lokken named to independent colleges board

Pamela Lokken, director of governmental relations, has been appointed to the board of directors of the National Association of Independent Colleges and Universities (NAICU). Her term on the board, which became effective Feb. 8, runs through February 1999.

Based in Washington, D.C., NAICU works to keep the public and government informed about the accomplishments and public policy concerns of U.S. independent higher education institutions, including Washington University. As director of governmental relations, Lokken is responsible for building effective relations with federal, state and local government representatives and for responding to government initiatives that affect the University.

"NAICU is at the forefront of advocacy for independent higher education," Lokken said. "This past year it was a key sponsor of the Alliance to Save Student Aid. I am proud to sit on the board of such a fine association."



Pamela Lokken

Lokken joined the University in 1991 as assistant director of governmental relations and was appointed director in 1993. She was a program analyst from 1989 to 1991 for the National Center for Human Genome Research at the National Institutes of Health (NIH) in Bethesda, Md. Lokken joined the NIH in 1987 as a presidential management intern.

She received master's degrees in public policy in 1986 and in political science in 1987, both from the University

of Michigan in Ann Arbor. She received a bachelor's degree in international studies in 1979 from the University of Wisconsin in Whitewater.

Before being appointed to the NAICU board of directors, Lokken served on the association's Commission on Tax Policy from April 1995 to January 1996. She has served on the Consortium on Financing Higher Education's Public Issues Committee since 1992 and on the Clayton Chamber of Commerce's Legislative Committee since 1993.

Obituaries

H. Frederick Hagemann Jr., emeritus trustee

Alumnus H. Frederick Hagemann Jr., retired chairman and chief executive officer of the State Street Bank and Trust Co. of Boston and emeritus trustee of Washington University, died Sunday, Feb. 11, at his Marion, Mass., home. Hagemann died of heart failure after a long illness. He was 89.

A memorial service was held Saturday, Feb. 17, at St. Gabriel's Episcopal Church in Marion.

"Mr. Hagemann was to Washington University a wonderful alumnus and trustee — a wise and thoughtful man," said William H. Danforth, chairman of the Board of Trustees. "He was a very successful businessman and cared very deeply about his University."

A native of St. Louis, Hagemann received a bachelor's degree in business administration in 1926 from the University. His finance career began in St. Louis shortly after graduation when he joined the Kaufman-Smith Co., an investment banking house that subsequently merged with Boatmen's National Bank. Hagemann remained in St. Louis with Boatmen's, of which he was a vice president, until 1946, when he left to serve as president and chief executive officer of the National Rockland Bank in Boston. Through a series of mergers, National Rockland became Rockland-Atlas National Bank, which in 1961 combined with the State Street Bank

and Trust Co., the second oldest and one of the largest banks in Boston.

Hagemann remained in his position as chairman and chief executive officer until he retired in 1971. He continued as a member of the bank's board of directors until 1973.

In 1955, Washington University cited Hagemann as one of its most distinguished alumni. He was elected to the Washington University Board of Trustees in 1965 and served continuously until his election to emeritus trustee in 1975. Hagemann was named Northeast regional chairman of the University's \$70 million capital program campaign in 1966. The John M. Olin School of Business named him a distinguished business alumnus in 1987.

Among the survivors are his wife, Leita Amory Hagemann of Marion; three daughters, Louise Amory Smith of Nashville, Tenn., Helen Anne Bond of Tallahassee, Fla., and Leita Luchetti of Cambridge, Mass.; a son, Henry F. Hagemann III of Marion; a brother, Paul O. Hagemann (BA '30, MD '34) of St. Louis, professor emeritus of clinical medicine; and seven grandchildren.



H. Frederick Hagemann Jr.

Campus Authors

The following is a recent release available at the Campus Bookstore in Mallinckrodt Center on the Hilltop Campus or at the Washington University Medical Bookstore in the Olin Residence Hall. For more information, call 935-5500 (Hilltop Campus) or 362-3240 (School of Medicine).

"Union of Words: A History of Presidential Eloquence" is the title of a book by **Wayne Fields, Ph.D.**, professor of English and dean of University College in Arts and Sciences. The pursuit of "E pluribus unum" — "from many, one" — the motto on which the United States was founded, continually has posed one of the greatest challenges our presidents have faced throughout history. How does the presidency foster a spirit of unity among all Americans despite so many divergent interests and backgrounds? In this singular study, Fields examines this rhetorical tug-of-war through the historical lens of presidential speechmaking. Beginning with George Washington's inauguration and continuing to the present day, Fields traces the vital role of our presidents in fulfilling the constitutional imperative of a "more perfect union." (The Free Press, New York; London; Toronto; Sydney, Australia; Tokyo; and Singapore)



Opportunities & personnel news

Hilltop Campus

The following is a partial list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 126 North Brookings Hall, or by calling 935-5990.

Career Counselor for Adult Graduate Students 960144. Career Center. Requirements: undergraduate degree in a liberal arts discipline; graduate degree in counseling, student personnel, career counseling or related field; knowledge of career counseling and placement theory and practice; experience in, or exposure to, an arts and sciences career center; knowledge of career opportunities nationally for liberal arts graduates; self-starter and team player who can work effectively with a diverse student population; excellent organizational, verbal, speaking and teaching skills; flexibility; creativity; high tolerance for ambiguity; sense of humor; commitment to continued development as a career planning and placement professional. Application required.

Clerical Assistant 960145. Campus Stores. Requirements: high school graduate; ability to work with the public; pleasant manner; well groomed; ability to get along well with others; good attendance record; general office experience; strong organizational skills; ability to work within many diverse departments. Application required.

Manager, Systems Support and Development 960146. Office of Residential Computing. Requirements: bachelor's degree; working knowledge of LANs, Unix, TCP/IP and Appletalk; World Wide Web experience; experience installing, maintaining and providing support for LANs; systems experience with PCs and Macintosh computers. Application required.

Assistant Registrar 960147. College of Arts and Sciences. Requirements: high school graduate, some college; strong organizational skills; ability to maintain confidentiality; ability to work on teams. Application required.

Support Center Representative 960148. Accounting Services. Requirements: high school graduate, some college; two to three years experience on Bell & Howell ABR 100 microfilmers, Pitney Bowes 6100 mail machines and IBM 3812 laser printers; one to two years working knowledge of PCs and the software that runs them: operating systems, databases, spreadsheets and word processing; experience with a variety of software, including WordPerfect, Lotus, Excel and Word; strong communication, organizational, verbal and alpha-numeric skills; strong use of discretionary judgment; service-oriented; ability to perform light lifting and participate on teams. Application required.

Administrative Assistant to Associate Dean and Director of External Affairs 960153. School of Law. Requirements: high school graduate, some college preferred; experience with Windows-based word processing, mail merges and e-mail; Aldus Pagemaker, graphics presentation and WordPerfect software experience; good spelling, grammar and punctuation skills; good filing, organizational and coordinating skills; ability to handle multiple priorities; ability to communicate well with others, including administrators, faculty and other departments. Application required.

Research Technician 960163. Department of Biology. Requirements: bachelor's degree; use of calculators; safe handling of biohazardous materials. Application required.

Systems Programmer II 960164. Computing and Communications. Requirements: bachelor's degree; two years experience in data processing. Application required.

Payroll Services Representative 960173. Accounting Services. Requirements: high school graduate or equivalent; two years experience in bookkeeping, payroll, accounting or business; some college preferred; college course in business accounting preferred; working knowledge of routine office equipment, including PCs, calculators and typewriters; strong communication, organizational, verbal and alpha-numeric skills; discretionary judgment; word processing, spreadsheet and database experience; service-oriented; ability to participate on various teams and projects to achieve the goals of Accounting Services. Application required.

Operations Manager 960176. Edison Theatre. Requirements: bachelor's degree; strong business background and computer skills preferred; arts presenting and/or non-profit management experience; highly energetic; enjoys working with the public; experience managing a staff; ability to juggle many different projects with a sense of calm and humor; enjoys a university environment. Application required.

Library Technical Assistant 960178. Olin Library. Requirements: two years of college or equivalent work experience; relevant library or audio-visual work experience preferred; computer and word processing skills; typing 30 wpm; familiarity with the on-line system and its automated-circulation component; ability to work and communicate well with a diverse staff and user population; ability to work with details in an organized manner; maturity; dependability; ability to work under pressure; ability to work independently and to organize workflow; physical stamina, including ability to lift boxes, move materials and transport media equipment; flexibility and adaptability to interruptions and multiple tasks. Application required.

Administrative and Technical Support Specialist 960179. Arts and Sciences Computing Center. Requirements: college or technical

school graduate or equivalent experience and training; experience in computer hardware installation, including network cables, cards and disks; general PC troubleshooting; proven experience in LAN management, including Ethernet, Novell, Appletalk and others; Novell certification a plus; excellent interpersonal skills; experience with NEXT hardware and the NEXTSTEP operating system; experience in computer user support, help centers or computer network information centers; strong background in administrative computing, including office automation. Application required.

Director of Development-Arts and Sciences. Alumni and Development Programs. Requirements: college degree; eight years experience in development at a university, college or similar institution; ability to provide professional and personal references that acknowledge the candidate's high level of personal integrity; excellent interpersonal and communication skills; ability to establish and manage priorities and motivate staff and volunteers; set and achieve challenging goals. Special consideration will be given candidates who have been promoted to more responsible development positions, particularly at their current institution, and who have extensive major gift experience. Qualified candidates should send a letter of application and résumé to: David F. Jones, Assistant Vice Chancellor, Alumni and Development Programs, Campus Box 1210, Washington University, 1 Brookings Drive, St. Louis, MO, 63130. Deadline for application is March 15.

Regional Director of Development. Alumni and Development Programs. Requirements: bachelor's degree; four or more years experience in development, working with major gifts and/or capital campaigns at a university, college or similar institution, or an equivalent combination of education and experience; proven track record of success in personal solicitation and capital gift development programs; maturity; determination; energy; commitment to collegial development work. Qualified candidates should send a letter of application and résumé to: Tom Eschen, Director of Regional Development Programs and Major Gifts, Campus Box 1228, Washington University, 1 Brookings Drive, St. Louis, MO, 63130.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a transfer request should contact the Human Resources Department of the medical school at 362-7197 to request an application. External candidates may call 362-7195 for information regarding application procedures or may submit a résumé to the human

resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, MO, 63110. Please note that the medical school does not disclose salary information for vacancies, and the office strongly discourages inquiries to departments other than human resources.

Programmer Analyst II 960108-R. Surgery. Requirements: bachelor's degree in computer science; knowledge of C and C++. Responsibilities: Develop and maintain in-house software applications for data acquisition, analysis, 3-D graphic visualization and image processing in a UNIX environment on silicon graphics workstations.

Statistical Data Analyst 960216-R. Ophthalmology. Requirements: master's degree in biostatistics, Ph.D. preferred; training and experience in SAS programming; experience with large longitudinal datasets from multicenter studies.

Medical Transcriptionist 960319-R. Gastroenterology. Requirements: high school graduate or equivalent; proficiency with medical terminology; organizational and computer skills; ability to work with limited supervision; typing 65-70 wpm.

User Support Technician 960436-R. Medical Computing Services. Requirements: associate's degree or two years technical training in related discipline, plus three years industry experience or combination of experience and training; experience with DOS, Windows, Macros and office-support software packages; working knowledge of multi-platform networking, UNIX systems, e-mail, hardware, printers, modems and Internet utilities.

Pharmacy Technician 960477-R. Internal Medicine, Barnard Cancer Center. Requirements: two years of college or two years pharmacy experience; ability to follow complex instructions; I.V. therapy or chemotherapy experience.

Clinical Lab Technician 960554-R. Obstetrics and Gynecology. Requirements: bachelor's degree or equivalent in biology or related sciences; some tissue culture experience preferred; working knowledge of chromosome identification, in situ hybridization and basic cytogenetic techniques; effective communication skills.

Sonographer 960595-R. Internal Medicine, Cardiology. Requirements: significant training in cardiac ultrasound, cardiac anatomy and echocardiographic methods and techniques; three years continuous experience performing ultrasound procedures.

Nurse Specialist (Dialysis) 960638-R, 960657-R. Kidney Center. Requirements: graduate of an accredited school of nursing; current Missouri nursing license; dialysis orientation training; motor coordination and manual dexterity; ability to adapt and work intimately with patients. Schedule: full time, 12.5 hours per day, three days per week, with rotating Saturdays.

Nurse: RN Staff 960652-R. Barnard Cancer Center. Requirements: graduate of an accredited school of nursing; current Missouri nursing license; chemotherapy experience; skills in starting I.V.s and accessing implanted infusion ports. Schedule: part time, eight hours per week.

User Support Analyst II 960655-R. Computer Networking. Requirements: bachelor's degree; technical expertise with Windows operating systems and Macintosh operating systems and software; familiarity with networks (Netware, TCP/IP and Novell Groupwise).

Dialysis Technician I 960658-R, 960659-R. Kidney Center. Requirements: high school graduate or equivalent; medical training or experience preferred; ability to communicate with patients and staff; clerical skills; near visual acuity. Schedule will include rotating Saturdays.

Clerk 960665-R. Protective Services. Requirements: high school graduate or equivalent; detail-oriented. Responsibilities: Assist with office work, data entry and taking photo I.D. for the Access Control System. Schedule: part time, 20 hours per week.

Mail Clerk I 960669-R. Washington University Shared Billing and Collection Services. Requirements: high school graduate or equivalent; ability to handle 35-50 lbs.; organizational skills and attention to detail; ability to work in a flexible and courteous manner with a variety of people; ability to work unsupervised.

Medical Secretary II 960695-R. Obstetrics and Gynecology. Requirements: organizational and communication skills; ability to maintain confidentiality; knowledge of medical terminology; experience in related work setting. Responsibilities: Provide secretarial support to group of physicians.

Training opportunities open to all employees

The Office of Human Resources on the Hilltop Campus has issued its spring 1996 catalog of employee training and development opportunities.

These opportunities are available to all employees of the Hilltop, West and Medical campuses.

Those interested in pursuing training and development opportunities should ask their deans, directors or department heads to view the catalog, which contains dates, times, locations, course descriptions and costs. Employees also may call 935-5934 to obtain the schedule of training and development sessions, a copy of the enrollment procedures and registration forms. The training schedule may be viewed via the World Wide Web at http://cf6000.wustl.edu/Human_Resources/Training_Schedule.

Spring courses and seminars will be

held in the following areas: management development, staff development and personal computer productivity. Courses will be offered beginning this month through June.

With the exception of the \$100 cost of the "Celebrate Change!" courses, there are no fees for the management or staff development seminars. Several of the computer courses, however, do require fees.

As long as a course is not filled, employees may register up to seven days before the start of the course. Cancellations, however, must be made seven days before the course begins.

Training sessions also are available, at a cost, through the AAIM Management Association, a partnership of nearly 900 St. Louis businesses that offers training opportunities to its members.

Faculty, staff join 'Into the Streets' — from page 1

visiting the St. Louis Science Center with adults who have physical disabilities. The day of volunteering begins between 8 and 10 a.m. Breakfast and transportation to the sites will be provided.

Bresnick said the faculty involvement provides students "with an opportunity to spend time with professors outside the academic atmosphere. It's really exciting. It's great for students and faculty to join together and help the community."

Last semester, Diane Woepke, coordinator of the Scheduling Office, suggested to Shannon Collier-Tenison that faculty and staff be included in the program. Collier-Tenison, coordinator of student activities for women's programming and community service, serves as the adviser to "Into the Streets."

Woepke said: "'Into the Streets' is a chance for us to be introduced or reintroduced to community service. More than that, it's an opportunity to work with our students in a way that a lot of staff members don't get to. I worked in the Central Fiscal Unit for 18 years. I never had much contact with students beyond my student employees.

"Now I'm getting to know students in different ways. 'Into the Streets' is one more way I can work with students, be an example for them and satisfy my personal need to help others. It affords us the opportunity to get to know students on a more personal level and participate in University programs outside our normal routine," Woepke added.

For more information, call 935-5994.

—Carolyn Sanford

Q&A

Addressing employee questions concerning the Washington University community

Q: Does Washington University use a "quota system" for controlling the number of faculty/staff children admitted under the tuition-remission benefit? If equally qualified student applications are received, will applications of faculty/staff children be considered before those of regular applicants?

A: Washington University's Office of Undergraduate Admission enthusiastically welcomes the applications of University faculty and staff children. There are no attempts made to "control" or limit the number of faculty/staff children who enroll. In fact, the admission office does not use any quotas in selecting students.

The University seeks undergraduate students who have a variety of talents and abilities and who would add something special to the University commu-

nity. The applications from faculty and staff children are identified early in the process (by the applicants themselves), and the admission office always tries to admit faculty and staff children if their high school records, recommendations, test scores, essays and extracurricular activities indicate that they can be successful in Washington University's rigorous academic programs.

—Nanette Clift, director of recruitment, Office of Undergraduate Admission

Submit questions about the University, which have broad appeal, to Q&A, c/o Michael Slatin, Campus Box 1070, or p72245ms@wuvmd.wustl.edu. Questions will be answered by the appropriate administrators. Though employee questions will appear anonymously in the Record, please submit your full name, department and phone number with your typed question. For information, call Slatin at 935-6603.