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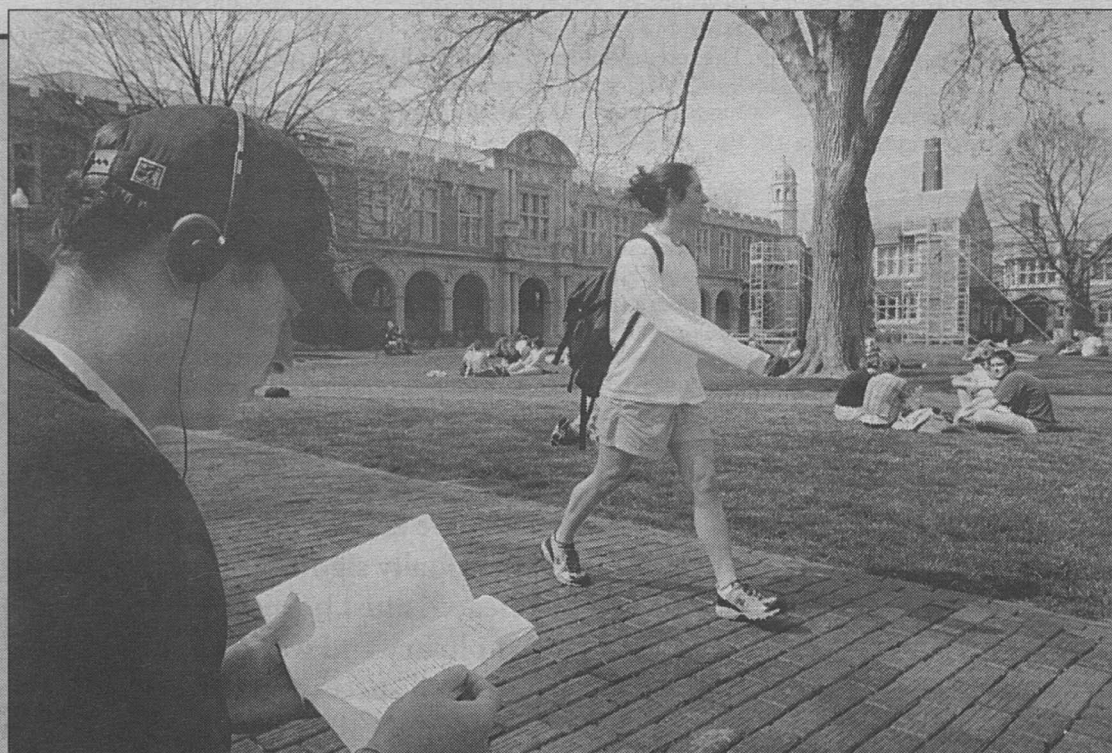
Record

April 8, 1999

Volume 23 No. 27



Washington University in St. Louis



Spring comes to campus Last week's warm temperatures and greening lawns enticed students outdoors to study and relax. Brad Knisely, a senior business student, catches up on his reading in the quad.

Money managers Feiner, Sandler in new posts

Feiner appointed vice chancellor

Barbara Feiner, the University's chief financial officer, will become vice chancellor for finance effective immediately, according to Chancellor Mark S. Wrighton. She assumes overall responsibility for the financial operations of the University.

"Barbara Feiner has shown exceptional leadership as our chief financial officer, as well as our chief investment officer," Wrighton said. "In this new position, she will continue to help develop appropriate strategies for the most effective and efficient use of University resources. She is an experienced professional who will bring much to her new role."

As vice chancellor for finance, Feiner will continue to serve as chief financial officer. She will have responsibility for approximately 130 people in financial services, which includes accounting services, treasury, risk management, investment management and financial



Feiner: To be vice chancellor



Sandler: Assistant for administration

analysis. In addition, she will coordinate the development of the annual operating budget, as well as monitor and control the overall fiscal operations of the University.

Feiner joined the University in September 1996 as director of investment management. The following year she became the chief investment officer, as well as the chief financial officer.

Previously, she held a number of positions at Edison Brothers Stores Inc., including serving as president of the 5-7-9 clothing store chain.

She received a bachelor's degree in psychology from Saint Louis University in 1971. She

See **Feiner**, page 6

Sandler to become special assistant to chancellor

Ben Sandler, vice chancellor for financial policy, will become special assistant to the chancellor for administration on July 1, according to Chancellor Mark S. Wrighton. This change is occurring at Sandler's request. Sandler will continue to serve the University on a half-time basis after three decades in the administration.

"Ben Sandler has brought greater understanding of financial aid, financial planning, budgeting, research spending and institutional studies to the University," Wrighton said. "He has contributed enormously to improvement in all these areas and to the success of Washington University throughout his more than 30 years with this institution. Ben has served the University extremely well as vice chancellor, and we will continue to benefit from his wisdom and knowledge. I am pleased that we

See **Sandler**, page 6

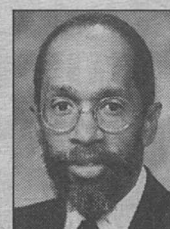
Distinguished Visiting Scholars on campus

By GERRY EVERDING

Classifying race in literature, minority mental health concerns and elderly entitlement programs will be on the agenda when three nationally known minority scholars visit the University this month as part of an ongoing initiative to increase diversity on campus. Known as the Distinguished Visiting Scholars Program, the initiative is designed to support the future recruitment and retention of minority faculty and students at the University and to broaden the University's visibility in the minority community nationwide.

Distinguished Visiting Scholars will have opportunities to participate in various discussion forums, to lead workshops and — of vital importance to the initiative — to meet and interact with students and faculty. The program was inaugurated with a successful weeklong visit in January by Kenneth Rogers Manning, Ph.D., the Thomas Meloy Professor of Rhetoric and of the History of Science at the Massachusetts Institute of Technology. Manning is an expert on the history of blacks in science, medicine and technology.

This month's distinguished



Davis: Expert on black social issues



Torres-Gill: Prominent Hispanic leader

visitors are:

• **Ann duCille**, Ph.D., an expert on African-American feminist criticism and theory and a professor of American and



DuCille: Black feminist scholar

African-American literature at the University of California, San Diego, who will lecture on "The Color of Class: Classifying Race in the Literary and Popular Imagination" at 4 p.m. Thursday, April 8, in Hurst Lounge, Room 201 Duncker Hall;

• **King Davis**, Ph.D., an expert on black social issues and a professor of social policy in the School of Social Work at Virginia Commonwealth University, who will speak on "Mental Health

See **Scholars**, page 6

Trailblazer

Division of Biology and Biomedical Sciences celebrates 25th anniversary this month

An April 15-16 symposium marking the 25th anniversary of the University's Division of Biology and Biomedical Sciences, will celebrate the division's groundbreaking influence on graduate education and explore the future of graduate training in the biological and biomedical sciences. The division provides training for Ph.D. and M.D./Ph.D. students in the biological and biomedical sciences.

The symposium will take place April 15 in Room 215 Rebstock Hall and April 16 in the Eric P.

Newman Education Center.

Presenters will discuss the division's beginnings, opportunities and challenges in plant biology and biotechnology, and innovative and multidisciplinary efforts in the biological sciences, among other topics.

Alumni, current students, faculty, the University community and the general public are invited to attend.

The hallmark of the division is its flexibility to change its arrangement in response to the

See **Biology**, page 6

Inhalant abuse on the rise 'Huffing' kills and cripples children in silent epidemic

By GERRY EVERDING

It has been called America's silent epidemic. Known by such street names as huffing, sniffing and wanging, the dangerous habit of getting high by inhaling the fumes of common household products is estimated to claim the lives of more than 1,000 children each year. Many other young people, including some first-time users, are left with serious respiratory problems and permanent brain damage.

"Surveys show that approximately one out of every five American children will experi-

ment with inhalants before they complete eighth grade," said Matthew O. Howard, Ph.D., an assistant professor of social work and the author of two recently published studies on inhalant abuse among children.

Despite national efforts to warn of the dangers, information about the terrible toll inhalant abuse is inflicting does not seem to be reaching the nation's parents, much less their children.

"I don't think these kids have any idea how dangerous inhaling these substances can be," Howard said. "One or two kids in a group will experiment with something

and before you know it, you have a mini-epidemic on your hands. Some kids just don't get the message until a friend ends up dead or in the hospital. Parents need to know that hundreds of items commonly found in the home are being inhaled by kids seeking a quick buzz, a high that can easily turn deadly."

Inhalant use has joined alcohol and marijuana as one of the top three drugs of choice among grade-school children. The National Adolescent Student Health Survey found that 21 percent of eighth graders reported having tried inhalants, compared

with only 15 percent for marijuana and 5 percent for cocaine. The most common age of first inhalant use is just before a child's 12th birthday.

Howard's studies, which focus on juveniles on probation in Utah and on American Indian youths living in Seattle, found surprising differences in the frequencies of inhalant use. His research, which was supported by a grant from the National Institute on Alcohol Abuse and Alcoholism, is published in the British journal Addiction and the American journal Addictive Behaviors.

In the Utah study, more than a

third of the children on probation reported some history of inhalant use, with nearly 20 percent having abused inhalants in the last year. And while inhalant abuse is known to be rampant on some American Indian reservations, only 12.3 percent of Indian youths living in urban Seattle reported any experience with inhalants, a rate considerably lower than the national average.

The variance is not as surprising as it might seem, Howard said, because inhalant abuse tends to occur in isolated

See **Inhalants**, page 7



Take Our Daughters to Work Day shows girls a host of careers in everything from law to engineering to social work to business to theater. These visitors included a tour of the costume shop among their many activities at last year's event.

Expanding horizons 'Daughters' day seeks to open up new possibilities

The national education initiative known as "Take Our Daughters to Work Day" opens up exciting new opportunities for girls — to explore the wonderful possibilities the adult world has to offer, to imagine a future and to see that successful working women come in all shapes, sizes and colors.

With these goals in mind, a group of volunteers on the Hilltop Campus is preparing for the sixth annual event at Washington University, set for April 22.

Daughters can shadow their parents during their work day or take part in a variety of activities planned throughout the campus. All Hilltop and West Campus employees are encouraged to bring their daughters aged 9 to 15 to work that day, but must consult with their supervisors before making arrangements.

The University hosted its first day devoted to daughters in 1994. Last year's event attracted more than 100 real or adopted-for-the-day daughters of staff and faculty who enjoyed a wide range of activities introducing them to a host of career choices. This year, the University expects to welcome an even larger group of teens and preteens who will be able to sign up for events and presentations in fields as diverse as engineering and art.

"Nearly every school on the Hilltop Campus will participate in some way during the Take Our Daughters to Work Day," said Barbara Rea, director of major events and special projects and one of the event's coordinators. "The preceding years have offered so many wonderful activities, and we are trying to build on those, designing events that help girls imagine themselves in particular careers."

Why this special day devoted to girls? The Ms. Foundation established this initiative in 1993 as a response to research revealing a disturbing trend in girls' development. That research showed that the strong sense of self-confidence found in pre-adolescent girls begins to erode around the ages of 10, 11 and 12, and they experience a significant drop in self-esteem. While boys' experience with adolescence is not without difficulties, research shows that, as a group, they do not experience the same psychological and emotional shifts that girls do.

"In addition, boys and girls enter their teen years with an often different set of expectations regarding men's and women's adult roles in our society," explained Mary Ann Dzuback, Ph.D., associate professor of education. "Although the majority

of the adult female population in the U.S. — including mothers of young children — holds paid positions in the work force, research suggests that a significant proportion of college-aged men expect their future wives to remain in the home, particularly when children arrive. College-aged women do not hold this expectation.

"Moreover," she went on, "women continue to experience gender-based discrimination in a wide range of occupations, particularly in rates of advancement and compensation. The twin goals of Take Our Daughters to Work Day — helping girls envision their options in the world of work and maintaining confidence in their own worth — can contribute to countering some of the most negative cultural effects of female adolescence in U.S. society."

Employees interested in participating should look for signup forms to be distributed to deans, directors and department heads in early April. Visiting girls must register to receive a list of scheduled activities and a gift from the University. Most activities will have limited attendance and be filled on a first-come, first-served basis. For more information, call 935-5285.

Pathbreaking center gets renewed NIMH funding

By GERRY EVERDING

Recognizing the George Warren Brown School of Social Work's continued leadership in mental health research, the National Institute of Mental Health (NIMH) has awarded an additional five years' funding for the school's Center for Mental Health Services Research (CMHSR).

Established in 1994 with a \$3.75 million NIMH grant, the center was the first NIMH research development center to be established in a school of social work. The recently announced \$2.2 million NIMH grant will provide funds to extend the center's work through December 2003.

"The center has put George Warren Brown on the map as a major player in mental health services research," said Enola Proctor, Ph.D., the Frank Bruno Professor of Social Work Research and founding director of the center. "We have won the recognition and respect of researchers nationwide — in and out of social work — for the importance of the questions we are asking and the significance of the issues we are shaping."

The social work school's selection as recipient of the first NIMH center grant was hailed as a major milestone, both for the school and its faculty and for the profession as a whole, because it showed the agency's increasing recognition of the importance of social work research. The school is now a model and pacesetter for similar centers the NIMH has since established at six other social work schools — and is now the first such center to be re-funded by NIMH.

"The continuation of funding will allow us to strengthen our national leadership in the development of social work research capacity and to develop knowledge that can guide the delivery of effective mental health services," Proctor said. "This award recognizes the significance of the center faculty's ongoing research agenda."

Kenneth Lutterman, NIMH associate director of Research Training who oversees the funding process for social work research development centers, has praised the school for establishing strong links to epidemiologists, psychiatrists and other non-social work researchers, both at the University and across the nation.

"It's been a school that has reached beyond its walls for building relationships and getting the kind of help they needed and doing collaborative research," Lutterman said in a recent article on the centers in the newsletter of the National Association of Social

Workers. "That's exactly the sort of thing we hoped might take place."

Proctor, who advocated hard both for the center's creation and for its recent refunding, points to the school's increasingly strong ties to researchers in Arts and Sciences and the School of Medicine as evidence of its success in fostering a multidisciplinary research agenda for social work.

"The center and our ongoing investment in mental health research has helped us build bridges across [Forest] Park to form new and productive partnerships with investigators in areas such as psychiatry and economics," Proctor said. "We know that nationally significant research must be multidisciplinary, and we have had great success in that regard — all of our studies have involved collaboration from multiple disciplines."

On the national front, the center has been successful in launching joint projects with researchers at a number of prominent research institutions, including Duke University Medical Center, Research Triangle Institute,

Johns Hopkins School of Hygiene and Public Health and the University of California-Berkeley.

Center researchers are now leading important studies on the access, integration and effectiveness of mental health services for high-risk

populations, including children, adolescents, poor and minority individuals, and those in the community with severe and persistent mental disorders. The unique focus of its research is the delivery of mental health services to underserved groups in sectors such as schools, child welfare systems, juvenile justice institutions, social services providers and geriatric rehabilitation.

The center initially set out to explore how it is that people find their way to traditional providers of mental health care, but instead discovered that many people who need care simply are not finding their way into the treatment system.

In particular, findings from studies conducted by Arlene Stiffman, Ph.D., associate director of the center and professor of social work, have shown that there are many people with unmet mental health needs. "We've been impressed to learn that most of these people are in groups that social workers are in contact with daily," Proctor said. "It has reinforced for us the importance of making sure that social workers are trained how to recognize mental health problems and get their clients to the services they need."

"We know that nationally significant research must be multidisciplinary and we have had great success in that regard — all of our studies have involved collaboration from multiple disciplines."

ENOLA PROCTOR

News Briefs

Green lights

The U.S. Environmental Protection Agency has commended Washington University for its participation in the "Green Lights" program, under which new energy-efficient lighting yields substantial energy savings and pollution reduction. Since the University began the program in 1996, the reduced pollution is the equivalent of 4,068 cars removed from the highways. Upgrades are complete in some 500,000 square feet of space and finished or under way in 22 buildings. The program is good both for the environment and for the University, which has saved almost \$1.7 million since beginning the effort.

Cancer screening

Nose, mouth, eyes, ears, throat. For many people, these are the last places to look for cancer. However, tobacco use, especially combined with alcohol, can make cancer of the head and neck a very real possibility. Doctors at the School of

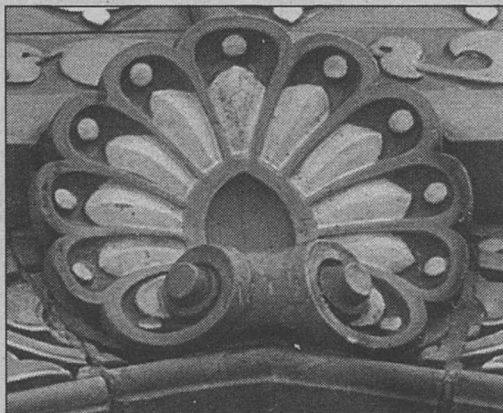
Medicine are offering a free screening for head and neck cancer Friday, April 9. To schedule an appointment or for more information, call 747-8240.

Helping hands

Some 20 University students serve as big brothers and big sisters to about 60 Head Start pre-school children in University City and Kinloch, Mo., through the Campus Y's KIDCO program, which helps children of low income families address their social, intellectual, emotional and physical needs through a variety of activities. KIDCO is one of 25 outreach opportunities available through the Campus Y.

Did you know?

Washington University conferred 541 doctoral degrees last year, ranking seventh in the nation. It was fifth among the nation's



Campus quiz: This handsome medallion can be found on the Medical Campus. Where?

universities for federal research support during the 1997-98 academic year, receiving \$217.5 million in federal funds for research projects.

Answer: The medallion tops the arch over the entrance to the Shriners Building.

"News Briefs" includes short items on a wide range of subjects, including information about resources, benefits and opportunities available to faculty and staff. Readers are invited to submit briefs, which will be used as space permits, to Betsy Rogers, Campus Box 1070, or by e-mail, betsy_rogers@aismail.wustl.edu.

Record

Washington University community news

News & Comments

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Medical School Update

Richard A. Chole elected president of otolaryngology research association

Richard A. Chole, M.D., Ph.D., the Lindburg Professor and head of otolaryngology, is the new president of the Association for Research in Otolaryngology (ARO). Chole was installed as president at the ARO's biannual meeting in Florida.

The ARO is the principal organization of ear, nose and throat researchers with 2,000 members. The association emphasizes studies of hearing, deafness and balance disorders. Chole, a member of the leadership council for the past four years and an ARO member for two decades, plans to maintain the quality of otolaryngology research as president.

Chole studies the cell biology of osteoclasts, which are bone cells that destroy bone. He also works with experimental models of middle-ear conditions that result from inappropriate osteoclast activity. For example, he studies how osteoclasts are activated by cholesteatomas, cyst-like growths on the eardrum that impair hearing if left untreated.

Chole also is known for discovering and developing an animal model for cholesteatoma and for developing a prosthetic device that functions as a replacement for middle-ear bones damaged by injury or infection.

And he is co-developer of an antimicrobial tympanostomy tube used to ventilate the ear in patients suffering from repeated ear infections. This device halves the rate of infections.

Author or co-author of more than 100 scientific articles, Chole also serves on the executive editorial board of Otolaryngology-Head and Neck Surgery. He serves on the editorial boards of several other journals, on the executive board of the American Otological Society and Chole is a member of numerous professional societies. In addition, he has been included in "The Best Doctors in America," a directory of leading North American physicians.

Chole received his undergraduate education at the University of California, Berkeley, and obtained a medical degree from the University of Southern California in 1969. He undertook a one-year medical fellowship in surgery and then a four-year otolaryngology fellowship at the University of Minnesota. Chole also received a Ph.D. in medical sciences from the University of Minnesota in 1977. He chaired the Department of Otolaryngology-Head and Neck Surgery at the medical school of the University of California, Davis, for 13 years before joining the School of Medicine as department head a year ago.



Chole: Studies osteoclasts

Orthodontist Jack G. Dale to deliver fourth Shepard lecture April 14

Jack G. Dale, D.D.S., an internationally known orthodontist and practitioner, will deliver the fourth annual Shepard Memorial Dental/Otolaryngology Lecture at 9 a.m. Wednesday, April 14, in the Eric P. Newman Education Center. A free continental breakfast will be served at 8:30 a.m.

Dale is a noted author, illustrator and speaker. He has served many professional organizations and has been recognized for his achievements and expertise by associations and

societies around the world. The title of his lecture is "Interceptive Guidance of Occlusion with Emphasis on Diagnosis."

The Shepard Lecture Series was named in honor of the late Wilma and Earl Shepard, D.D.S. Earl Shepard was professor and chair of the Department of Orthodontics at Washington University School of Dental Medicine from 1953 to 1975 and was a nationally recognized leader in the field of orthodontics.

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

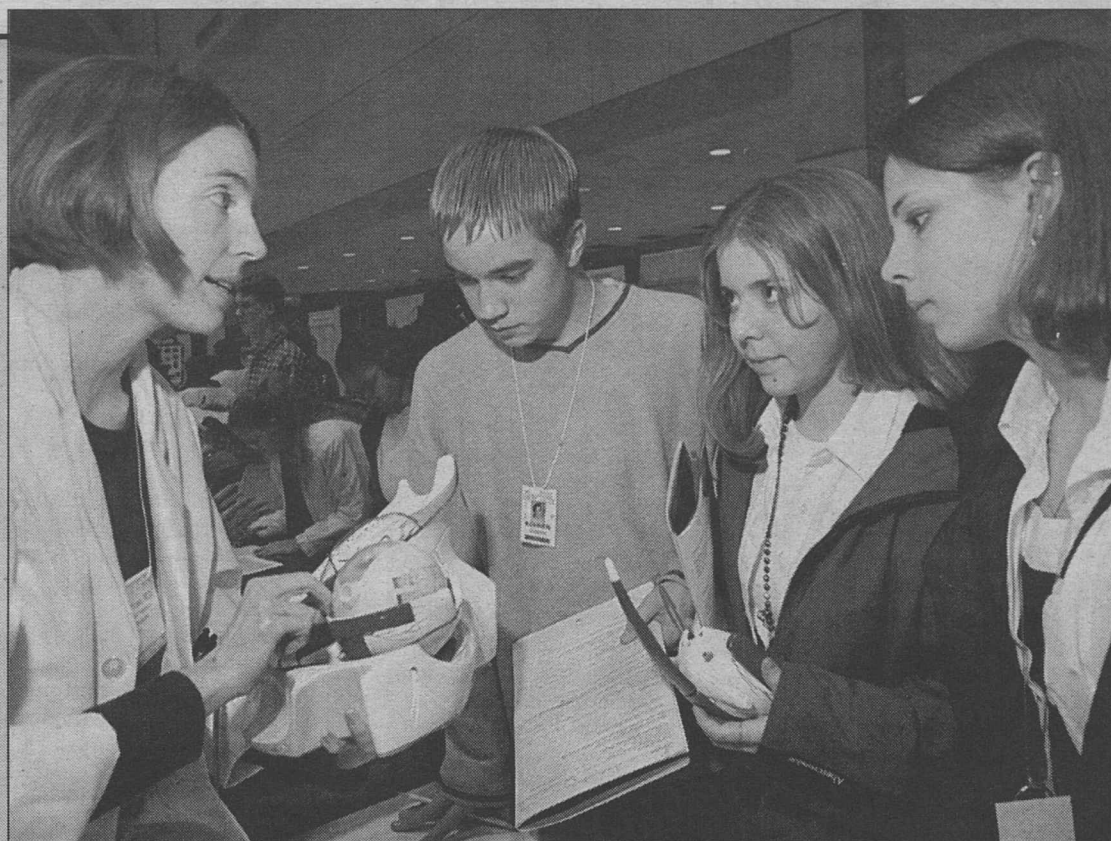
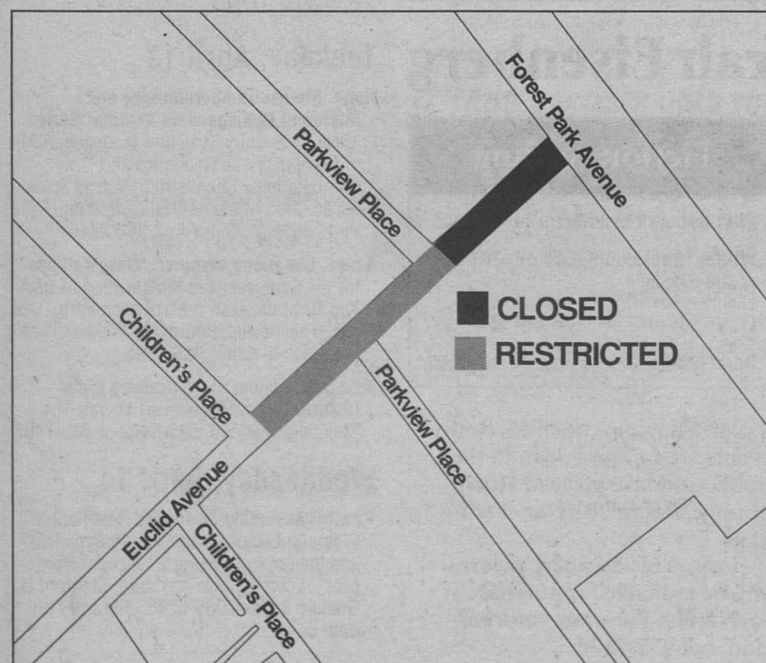
Streets to close for construction

Beginning Monday, April 12, Euclid Avenue between Forest Park Ave. and Parkview Place will be closed to through traffic to facilitate construction of the new Ambulatory Care Center and the Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine.

Additionally, access to Euclid Avenue north of Children's Place will be limited to construction

vehicles, deliveries and St. Louis College of Pharmacy traffic. This section of Euclid Avenue will remain closed for at least two months.

This street closure will enable contractors to complete the installation of a service tunnel beneath Euclid Avenue to connect a future loading dock with the Ambulatory Care Center and the Cancer Center.



Learning about medicine Susan Culican, M.D., left, an intern in internal medicine/primary care, explains a model of the eye to Joseph Kotten, left, Krista Whip and Ali Lindsay, right, eighth graders at Cross Key Junior High School, at the St. Louis Public Schools Career Awareness Fair. Approximately 12,000 eighth graders attend the annual fair, which was held this year on March 23 and 24 at America's Center.

Predicting brain injury

Hardening of the aorta increases risk of stroke

BY JIM DRYDEN

School of Medicine researchers have found that thickening of the aorta at the site where the vessel attaches to the heart can significantly increase the risk of stroke. Reporting in the April 1 issue of the Journal of the American College of Cardiology, the investigators said atherosclerosis or hardening of the ascending aorta predicts future brain injury and death.

"This is the first prospective, long-term study of the relationship between atherosclerosis in the aorta and risk of stroke and death," said Victor G. Davila-Roman, M.D., principal investigator and associate professor of medicine and of anesthesiology. "We found that as this important vessel becomes diseased, long-term risk increases dramatically. Now that we've identified patients at risk, the next step is to identify treatments that can lower the risk."

Davila-Roman and colleagues studied 1,957 patients undergoing cardiac surgery. During the surgery, the researchers made images of the ascending aorta using a technique called epiaortic ultrasound. After evaluating those images to detect the presence and severity of atherosclerosis, they followed the study patients for an average of three and a half years.

Stroke is a major problem in patients undergoing cardiac surgery. Depending upon patient age and other risk factors, up to 15 percent have strokes during or soon after surgery. These investigators previously had shown that hardening of the aorta was a risk factor for those strokes. This new study looked at whether the risk would decrease with time or remain high.

More than half of the patients in this study had no signs of atherosclerosis. About 24 percent had mild disease, while 13 percent were classified as moderate. The remaining 5 percent had severe atherosclerosis in the aorta.

"When I went to medical school, we were taught that the aorta was pretty much spared from hardening of the arteries, but this study and others show that notion was wrong," said Benico Barzilai, M.D., co-investigator and associate professor of medicine.

Although some patients from all four groups suffered neurologic events or died in the early years after their surgery, the rates were significantly higher in those with the most advanced atherosclerosis. In patients with normal aortas or mild atherosclerosis, about 4 percent suffered strokes or brief, stroke-like events called transient ischemic attacks (TIAs) in the three years after surgery. Some 15 percent of patients with

"This is the first prospective, long-term study of the relationship between atherosclerosis in the aorta and risk of stroke and death. We found that as this important vessel becomes diseased, long-term risk increases dramatically."

VICTOR G. DAVILA-ROMAN

normal aortas died of various causes during follow-up, and 22 percent of those with mild disease died.

In patients with moderate disease, the incidence of stroke or TIA rose to 5.6 percent, and 31 percent died during follow-up. Those with severe atherosclerosis suffered strokes or TIAs at a rate of just over 10 percent, and more than 43 percent died during the follow-up period.

In all, the risk of a neurologic event or death increased one and a half times as the severity of the atherosclerosis increased from normal or mild to moderate. And there was more than a 300 percent increase in the incidence of both as the severity of disease progressed from normal or mild to severe.

"Other factors increase the risk

of stroke and mortality, too," Davila-Roman said. "The age of the patient is closely related, as are high cholesterol levels, diabetes, smoking and blockages in the carotid arteries that carry blood to the brain. But our study clearly shows that atherosclerosis in the ascending aorta is an independent and significant risk factor."

Most stroke-causing blood clots form in the heart or in the carotid arteries leading to the brain, but the source of about 40 percent of strokes is unknown. Davila-Roman and Barzilai believe that diseased aortas could explain some of them.

"During surgery, the surgeon manipulates the aorta quite a bit," Davila-Roman explained. "If you can imagine an aorta full of plaque, you can see that in patients with atherosclerosis, one of those plaques might break loose as the vessel is moved around. Or perhaps it could break free weeks or years later and migrate toward the brain to cause a stroke."

Or maybe hardening of the aorta is a sign of disease throughout the body, the researchers said. In that case, plaques in the aorta might not cause a stroke but might signal the presence of disease in other vessels. In an earlier study, the researchers found that

hardening of the aorta is linked to kidney failure, presumably through the same mechanism that could cause strokes.

"Our imaging technique allows us to put the ultrasound probe right onto the vessel and look directly at the ascending aorta," Barzilai said. "It's easy to imagine that if plaques break loose, they can potentially travel downstream toward the blood vessels that feed the brain or kidneys or other organs. But it's also likely that patients with the disease in this very early part of the aorta also have atherosclerosis throughout the body."

The investigators hope to test available therapies to learn whether they can lower the risk of stroke and death with aspirin, warfarin or other anti-platelet and blood-thinning drugs.

University Events



Students in the Performing Arts Department will present an all-new version of "Alice in Wonderland" in Edison Theatre April 16-18 and 23-25. The cast includes (top) Jaclyn Brodsky as the Queen; (middle) Paul Pagano as the Mad Hatter, Brooke Kleinman as Alice and Robert Neblett as the White Knight; and Tijuana Ricks as the White Rabbit.

Welcome to Wonderland All-new 'Alice' coming to Edison Theatre stage

BY LIAM OTTEN

Over the last year, 15 students from Washington University's Performing Arts Department (PAD) in Arts and Sciences have undertaken an ambitious project: to create, from scratch, an all-new theatrical adaptation of Lewis Carroll's classic children's tale "Alice in Wonderland." This month, the group will debut their creation — featuring an original script, original music and original songs — on the Edison Theatre mainstage.

Performances start at 8 p.m. April 16 and 17 and at 3 p.m. April 18. Performances continue the following week at 8 p.m. April 23 and 24 and at 3 p.m. April 25.

"Alice in Wonderland" chronicles the adventures of its precocious young heroine as she threads her way through a dream-like and often confusing world. The adventure begins when Alice encounters the White Rabbit (clutching a pocket watch, babbling about the time) and follows him down the rabbit hole.

From there, she meets a variety of curious characters — the mysterious Cheshire Cat, the manic Mad Hatter, the dictatorial Queen of Hearts and others — whose eccentric behaviors amuse and exasperate the sensible girl. Alice maintains her poise but eventually runs afoul of the Queen, who forces her to

Alice in Wonderland

Where Edison Theatre

When 8 p.m. April 16, 17, 23, 24; 3 p.m. April 18, 25

Admission \$10; \$8 for WU faculty, staff and students, at the Edison Theatre Box Office, 935-6543, or MetroTix, 534-1111.

participate in a farcical trial that quickly grows out of control.

"The big question was how to remain true to Carroll's spirit while still doing something new," noted director Jeffrey Matthews, PAD artist in residence. "Conceptually, we were struck by how often time is mentioned — by the White Rabbit, during the Mad Tea Party. And we realized that the idea of time travel would be a great vehicle for letting us do different scenes in different theatrical styles.

"The story begins with Alice in trouble for not winding the clocks, which is her job," Matthews explained. "The result, as we imagine it, is that all the characters are thrown out of their familiar, Victorian versions. The Caterpillar becomes an evangelical preacher; the Mouse becomes an Elizabethan actor; the Cheshire Cat a beat-era, Jack Kerouac type; and Tweedle Dee and Tweedle Dum become a pair of WWF [World Wrestling Federation] wrestlers."

Alice is swept up in a dizzying series of song-and-dance numbers. In the spirit of time travel, each is conceived in a different style — a marching band, a blues number, a swing number, some gospel-style testifying and even a little vaudeville. St. Louis' own Brian Hohlfeld, a respected screenwriter, was commissioned to do the score and also composed a number of original songs. Several students composed additional songs.

The set design, by Rick Kuykendall, PAD artist in residence, plays with traditional versions of "Alice" by including oversized reproductions of some of John Tenniel's original illustrations, including an 18-foot-tall portrait of Alice. The production also features some interesting uses of modern technologies, such as film and even a live video feed (for the Cheshire Cat).

"It's different from anything we've ever done before, but it's really taken shape over the last year — very playful, very whimsical, a lot of singing and dancing," Matthews concluded. "It should be great fun for both kids and adults."

Tickets are \$10 for the general public and \$8 for senior citizens and Washington University faculty, staff and students. Tickets are available at the Edison Theatre Box Office, 935-6543, and at all MetroTix outlets, 534-1111. For more information, call 935-5858.

Bugs Bunny • South Africa • Gamma Ray Bursts • Fantastic Opera

"University Events" lists a portion of the activities taking place at Washington University through April 17. For a full listing of medical rounds and conferences, see the School of Medicine's website at medschool.wustl.edu/events/. For an expanded Hilltop Campus calendar, go to www.wustl.edu/thisweek/thisweek.html.

Exhibitions

"African-American Artists and Writers in Europe (1919-1939)." Through mid-April. Special Collections Exhibit, fifth floor Olin Library. 935-5495.

"19 Artists, 1999." Through April 24. Master of Fine Arts students exhibit their work. Ninth floor gallery, A.D. Brown Bldg., 1136 Washington Ave., St. Louis. 935-6500.

Films

Thursday, April 8

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

Friday, April 9

7 and 9:30 p.m. Filmboard Feature Series. "Indiana Jones and the Last Crusade." (Also April 10, same times, and April 11, 7 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Midnight. Filmboard Midnight Series. "Raiders of the Lost Ark." (Also April 10, same time, and April 11, 9:30 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Wednesday, April 14

4 p.m. Performing Arts Dept. movie screening. "Analyze This." Harold Ramis, dir. Question and answer period follows (only two tickets per person). Tivoli Theatre, 6350 Delmar Blvd. 935-5858.

Thursday, April 15

6 p.m. Japanese Film Series. "Tampopo." (English subtitles). Room 219 Ridgley Hall. 935-5177.

Friday, April 16

7 and 9:30 p.m. Filmboard Feature Series. "Pleasantville." (Also April 17, same times, and April 18, 7 p.m.) Cost: \$3 first visit;

\$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Midnight. Filmboard Midnight Series. "Loony, Loony, Bugs Bunny Movie." (Also April 17, same time, and April 18, 9:30 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Lectures

Thursday, April 8

11 a.m. Cancer Center Seminar Series. "Complex Signals: The Nck Adaptor Protein and Its Interaction Partners." Bruce Mayer, Children's Hospital, Harvard U. Room 1001 Clinical Sciences Research Bldg. 362-3365.

Noon. Genetics seminar. "A Winged Helix Transcription Factor Required for Non-Random Determination of Left-Right Asymmetry and Ciliogenesis." Brian P. Hackett, asst. prof. of pediatrics. Room 823 Genetics Library, McDonnell Medical Sciences Bldg. 362-7072.

4 p.m. African and Afro-American studies lecture. "The Color of Class: Classifying Race in the Literary and Popular Imagination." Ann duCille, prof. of literature, U. of Calif., San Diego. Hurst Lounge, Room 201 Duncker Hall (reception following lecture). 935-5690.

4 p.m. Cardiovascular research seminar. "Small Molecule GP IIb/IIIa Inhibitors: Selectivity and Thrombocytopenia." Robert J. Gould, pharmacology dept., Merck & Co. Inc. Room 801 Clinical Sciences Research Bldg. 362-3365.

4 p.m. Earth and planetary sciences colloquium. "Derivation of Elemental Composition from Reflectance Spectroscopy of Planetary Surfaces." Paul Lucey, prof., Hawaii Institute of Geophysics and Planetology, U. of Hawaii. Room 112 Wilson Hall. 935-5603.

4:30 p.m. Mathematics colloquium. "Boundary Value Results for Weighted Sobolev Functions." Enrique Villamor, prof., Florida International U. Room 199 Cupples I Hall (tea 4 p.m., Room 200 Cupples I Hall). 935-6760.

4 p.m. School of Law Public Interest Speaker Series. 1999 Tyrrell Williams Lecture. "Liberty, Equality, Fraternity." Guido Calabresi, author and legal scholar. Bryan Cave Moot Courtroom, Anheuser-Busch Hall. 935-4958.

4:30 p.m. School of Art drawing slide lecture. Christina Gonzalez, painter, Roswell, N.M. Steinberg Hall Aud. 935-8403 or 935-7497.

5 p.m. Vision science seminar. "Retinal Pigment Epithelial Cell Biology in Age-Related Macular Degeneration." Henry J. Kaplan, prof. of ophthalmology and visual sciences. East Pavilion Aud., Barnes-Jewish Hosp. 362-3365.

6:30 p.m. School of Architecture's Monday Night Lecture Series. Forum for Contemporary Art lecture. Architecture alumni Philip Durham and Elva Rubio lecture on their recent work. Steinberg Hall Aud. 935-6200.

Friday, April 9

9:15 a.m. Pediatric Grand Rounds. "Developing New Drugs for Malaria." Daniel E. Goldberg, prof. of medicine. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Assembly Series Omicron Delta Kappa Lecture. "How the Mind Works." Steven Pinker, prof. of psychology and dir., Center for Cognitive Neuroscience, MIT. Graham Chapel. 935-5285.

11 a.m. Thesis defense. "T Cell Recognition of Antigen: Immunological Synapse Formation, Activation and Differentiation." Arash Grakoui, immunology program. Seminar Room B, Eric P. Newman Education Center. 362-3365.

Noon. Cell biology and physiology seminar. "Lipid/Protein Complexes in Viral Fusion, Exocytosis and Apoptosis." Joshua Zimmerberg, NASA/NIH Center for 3-D Tissue Culture. Room 426 McDonnell Medical Sciences Bldg. 747-2433.

Noon. Gastroenterology Division Seminar Series. "Toxic Bile Salts Induce Hepatocyte Apoptosis by Direct Activation of Fas." Gregory Gores, prof. of medicine, Mayo Clinic, Rochester, Minn. Room 901 Clinical Sciences Research Bldg. 362-3365.

3 p.m. History and American culture studies presentation. "Atlantic Crossings: Social Politics in a Progressive Age." Daniel T. Rodgers, history dept., Princeton U. Room 113 Cohen Lounge, Anheuser-Busch Hall. 935-5216.

4 p.m. East Asian studies lecture. The Sixth Annual Stanley Spector Memorial Lecture on East Asian History and Civilization. "Past Obsessions: War and Money in the 20th Century." Carol Gluck, George Sansom Professor of History, Columbia U. Room 162 McDonnell Hall (Hilltop Campus). 935-4448.

4 p.m. Hematology division seminar. "Clathrin-Coated Vesicle Formation on Liposomes and Golgi Membranes." Stuart Kornfeld, prof. of medicine. Room 8841 Clinical Sciences Research Bldg. 362-3365.

6 and 8:30 p.m. Travel Lecture Series. "South Africa." Joan Wilson, wildlife documentary filmmaker. Cost: \$4.50. Graham Chapel. 935-5212.

Monday, April 12

2:15 p.m. Condensed matter sciences seminar. "Polarons in Oxides: Now You See Them, Now You Don't." Simon Billinge, physics and astronomy dept., Mich. State U. Room 241 Compton Hall (coffee 2 p.m.). 935-6276.

4 p.m. Immunology Research Seminar Series. "Regulators of Complement Activation in Immune Responses." Hector D. Molina, asst. prof. of medicine and pathology, Eric P. Newman Education Center. 362-2763.

Tuesday, April 13

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "RNA Secondary Structure Modeling: A Mix of Computational Genomics and Computational Chemistry." Michael Zuker, assoc. prof. of biomedical computing. Cori Aud., 4565 McKinley Ave. 362-2746.

4 p.m. Chemistry seminar. "New Methods for the Synthesis and Modification of DNA." Ken Turnbull, asst. prof. of chemistry, U. of Ark., Fayetteville. Room 311 McMillan Lab (coffee 3:40 p.m.). 935-6530.

4:30 p.m. School of Art drawing slide lecture. William Walker, artist, Yale U. Steinberg Hall Aud. 935-8403 or 935-7497.

Wednesday, April 14

11 a.m. Assembly Series Phi Beta Kappa/Sigma Xi Lecture. "Spinoza, Pragmatism and the Love of Wisdom." Richard Rorty, prof. of comparative literature, Stanford U. Graham Chapel. 935-5285. See story on page 5.

Reading features author Deborah Eisenberg

Fiction writer Deborah Eisenberg will read from her work for the University's Creative Writing Program in Arts and Sciences at 8 p.m. Tuesday, April 13.

"Currently the Visiting Hurst Professor at Washington University, Deborah Eisenberg is one of the most widely respected short story writers today," said Steven Meyer, Ph.D., program director. "A master of the form, she conveys the full range of human shapes and spaces in American culture."

Eisenberg is the author of four short story collections — "All Around Atlantis" (1997), "The Stories (So Far) of Deborah

Eisenberg" (1997), "Under the 82nd Airborne" (1992) and "Transactions in a Foreign Country" (1986). In 1997, she won both a Whiting Writers' Award and a Guggenheim Fellowship. She received the Award for Literature from the American Academy of Arts and Letters in 1993 and O. Henry Awards in 1995 and 1986.

In addition to the reading, a colloquium with Eisenberg about her work will be held at



Fiction reading

Who Deborah Eisenberg

Where Hurst Lounge, Room 201 Duncker Hall

When 8 p.m. Tuesday, April 13

Admission Free and open to the public

4 p.m. Thursday, April 15. Both events are free and open to the public and take place in Hurst Lounge, Room 201 Duncker Hall.

Copies of Eisenberg's works will be available for purchase at each event. For more information, call 935-7130.

3:45 p.m. Physics colloquium. "Gamma Ray Bursts: A Puzzle Being Resolved." Tsvi Piran, prof. of physics, Hebrew U., Jerusalem. Room 204 Crow Hall (coffee 3:30 p.m., Room 241 Compton Hall). 935-6276.

4 p.m. Biochemistry and molecular biophysics seminar. "Biological Catalysis: Insights from Comparison of RNA and Protein Enzymes." Dan Herschlag, assoc. prof. of biochemistry, Stanford U. Cori Aud., 4565 McKinley Ave. (refreshments 3:45 p.m.). 362-0261.

Thursday, April 15

8 a.m. Pulmonary and critical care medicine lecture. "Sarcoidosis: Past, Present, Future." Gary W. Hunninghake, prof. of medicine, U. of Iowa College of Medicine, and the I. Jerome Flance Visiting Professor of Medicine. Clopton Aud., 4950 Children's Place. 362-8983.

Noon. Genetics seminar. "Molecular Genetics Analyses of the Ubiquitous Transcription Factor TBP, the TATA-Box Binding Protein, in the Yeast *Saccharomyces Cerevisiae*." Tony Well, molecular physics and biophysics dept., Vanderbilt U., Nashville, Tenn. Room 823 Genetics Library. 362-7072.

1:10 p.m. School of Social Work Lecture Series. "Mental Health Services in America: Issues and Implications for People of Color." King Davis, prof. of social policy, Virginia Commonwealth U., Richmond. Brown Hall Lounge. 935-4909. *See story on page 1.*

4 p.m. Cancer center seminar. "The Genetics of Non-Syndromic Hearing Loss." Suzanne Leal, asst. prof., laboratory of statistical genetics, Rockefeller U., N.Y. Third Floor Aud., St. Louis Children's Aud. 747-0359.

4 p.m. Chemistry lecture. 40th Joseph W. Kennedy Memorial Lecture. "From the Biopolymer PHB to b-Peptides—Journey of a Synthetic Organic Chemist into the Field of Oligomers and Polymers." Dieter Seebach, prof. of organic chemistry, Eidgenössische Technische Hochschule, Zürich. Room 458 Louderman Hall (reception 3:30 p.m., Millstone Lounge). 935-6530.

4 p.m. Creative Writing Program Reading Series colloquium. Deborah Eisenberg, Hurst Professor and visiting writer in residence. Hurst Lounge, Room 201

Duncker Hall. 935-7130. *See story on page 4.*

4:30 p.m. School of Art drawing slide lecture. John Sabraw, American Academy of Art, Chicago. Steinberg Hall Aud. 935-8403 or 935-7497.

Friday, April 16

9:15 a.m. Pediatric Grand Rounds. "Cyclosporine Effects Upon the Central Nervous System." Kelvin Yamada, asst. prof. in neurology and pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Chemistry seminar. "TADDOLs—Our Dream of Universal Chiral Auxiliaries for EPC Synthesis." Dieter Seebach, prof. of organic chemistry, Eidgenössische Technische Hochschule, Zürich. Room 311 McMillen Lab (coffee 3:40 p.m.). 935-6530.

4 p.m. Music lecture. "The Drame Fantastique and Fantastic Opera in 19th Century Paris." Mary Jean Speare, music dept. Room 102 Music Classroom Bldg. 935-4841.

5 p.m. Mathematics special lecture. "Late Nite with Ed Burger." Ed Burger, prof., Williams College and U. of Colo., Boulder. Room 199 Cupples I Hall (tea 4:30 p.m., Room 200 Cupples I Hall, and pizza after the lecture). 935-6760.

Music

Saturday, April 10

4 p.m. Graduate recital. Music of Beach, Donizetti, Ravel and Fanny Mendelssohn. Elaine Eckert, soprano, and Gail Hintz, piano. Graham Chapel. 935-4841.

8 p.m. Graduate recital. Music of Haydn, Brahms, Liszt, Debussy and Granados. Vivian Gaston, piano. Graham Chapel. 935-4841.

Sunday, April 11

3 p.m. Faculty recital. Music of Bach, Ortiz and Schenk. Elizabeth Macdonald, viola da gamba, and Charles Metz, harpsichord. Umrath Hall Lounge. 935-4841.

7 p.m. Senior honors recital. Music of Scarlatti, Beethoven and Brahms. Elizabeth Platt, soprano. Music of Mozart, Brahms,



Eggs-traordinary fun Rika Shinkai (left, with glasses) and Sayori Kobayaski (right) and their children enjoy an Easter egg hunt at International House Saturday, April 3. Shinkai's husband, Hisaaki, is a researcher in the physics department, and Kobayashi's husband, Motoyuki, is a graduate student. The Women's Society and the International office sponsor the annual event.

Rorem. Elizabeth Platt, soprano, and Henry Palkes, accompanist. Graham Chapel. 935-4841.

Monday, April 12

8 p.m. Monthly music jam session. Jazz jam session hosted by "Hands Down," jazz quartet. Friedman Lounge, Wohl Center. 935-2210.

Tuesday, April 13

8:30 p.m. Student recital. Graham Chapel. 935-4841.

Friday, April 16

7 p.m. Guitar recital. Music of Bach, Aibéniz, Villa-Lobos and Barrios. Goh Kurosawa, guitar. Graham Chapel. 935-4841.



Performances

Friday, April 16

8 p.m. Performing Arts Dept. performance. "Alice in Wonderland." Jeffery Matthews, dir. (Also April 17, 23 and 24, same time; and April 18 and 25, 3 p.m.). Cost: \$10; \$8 for faculty, staff, students and senior citizens. Edison Theatre. 935-6543. *See story on page 4.*

Sports

Friday, April 9

1 p.m. Men's baseball team vs. St. Norbert College. Kelly Field. 935-5220.

3:30 p.m. Women's tennis team vs. Graceland College. Tao Tennis Center. 935-5220.

Saturday, April 10

11 a.m. Men's and women's outdoor track and field. WU Invitational. Kelly Field. 935-5220.

1 p.m. Men's baseball team vs. St. Norbert College. Kelly Field. 935-5220.

Tuesday, April 13

2 p.m. Men's baseball team vs. Maryville College. Kelly Field. 935-5220.

3 p.m. Men's tennis team vs. Quincy U. Tao Tennis Center. 935-5220.

...And more

Friday, April 9

6 p.m. Gallery of Art 1999 St. Louis PRINTMARKET preview party. Cost \$50; \$35 for those 34 and younger. Gallery of Art. 361-3737.

Saturday, April 10

9 a.m. Career Center workshop. "Exploring Career Options Beyond Academic Teaching and Research." Cynthia Martin, dir. of special projects, and Nancy Jones, career counselor, Monsanto Co. Room 362 McDonnell Hall (includes continental breakfast). To register, call 935-7355.

10 a.m.-5 p.m. Gallery of Art 1999 St. Louis PRINTMARKET. Sale of fine prints and other works on paper. (Also April 11, same time.) Cost: \$5; \$2 for students. Gallery of Art. 361-3737.

10 a.m. Fine Arts Institute sale. "Book Arts Market." Bixby Hall Gallery. 935-4643.

10 a.m. Fine Arts Institute exhibit. "Ball of Light: Mail Art Show." Bixby Hall Gallery. 935-4643.

5 p.m. School of Art festival. "Third Annual Super Top Secret Student Art Festival." Student artists from area colleges and universities. Mallinckrodt Center. 935-3866.

7 p.m. Trivia Night. Catholic Student Center, 6352 Forsyth Blvd. For tickets and information, call 725-3358.

Sunday, April 11

1 p.m. Fine Arts Institute workshop. "Sculptural Bookbinding." Artist Emily Martin shares her expertise. Cost: \$45. Room 212, Bixby Hall. 935-4643.

Tuesday, April 13

8 p.m. Writing Program Reading Series. Deborah Eisenberg, Hurst Professor and visiting writer in residence, reads from her work. Hurst Lounge, Room 201 Duncker Hall. 935-7130. *See story on page 4.*

Wednesday, April 14

11:30 a.m.-12:30 p.m. Russian dept. open house. Room 216 Ridgley Hall. 935-5177.

4 p.m. Career Center workshop. "Interviewing Techniques." Nancy Sutherland, asst. dir. for experiential learning. Room 152, Umrath Hall. 935-5930.

Thursday, April 15

10:45 a.m. School of Law Library videoconference. 1999 American Association of Law Libraries Satellite Videoconference and Panel Discussion. "Customer Service: Beyond, 'How May I Help You?'" Cost: \$10. Bryan Cave Moot Courtroom, Anheuser-Busch Hall. To register, call 935-6443.

Philosopher Richard Rorty to speak

Renowned philosopher Richard Rorty will deliver the annual Phi Beta Kappa/Sigma Xi Lecture titled, "Spinoza, Pragmatism and the Love of Wisdom" at 11 a.m. Wednesday, April 14, in Graham Chapel as part of the Assembly Series. The lecture is free and open to the public.

Rorty is a professor of comparative literature at Stanford University and the author of many books and essays. In his latest book, "Achieving Our Country: Leftist Thought in Twentieth-Century America," he argues that political liberalism in this country has been offset by the abstract theoretical practices of the "cultural left." Rorty calls for a more engaged "left" dedicated to narrowing the wage gap, alleviat-

ing poverty, reducing social injustice and pursuing other historically progressive causes.

Rorty has received a Guggenheim Fellowship, a MacArthur Fellowship and a grant from the National Endowment for the Humanities. He is a member of the American Philosophical Association and the American Academy of Arts and Sciences.

Before teaching at Stanford, Rorty was University Professor of the Humanities at the University of Virginia from 1982 to 1998.



Assembly Series

Who Richard Rorty
Where Graham Chapel
When 11 a.m. Wednesday, April 14
Admission Free and open to the public

He also taught at Princeton, Wellesley College and Yale. He earned bachelor's and master's degrees from the University of Chicago in 1949 and 1952, respectively, and a doctoral degree from Yale in 1956.

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

Sports Section

Celebration!

The University community will join the women's basketball team for a celebration of their NCAA Division III championship at noon Friday, April 9, in Bowles Plaza. There will be cake for all, and everyone with a University identification will receive a T-shirt. Rain location will be the Gargoyle in Mallinckrodt Center.

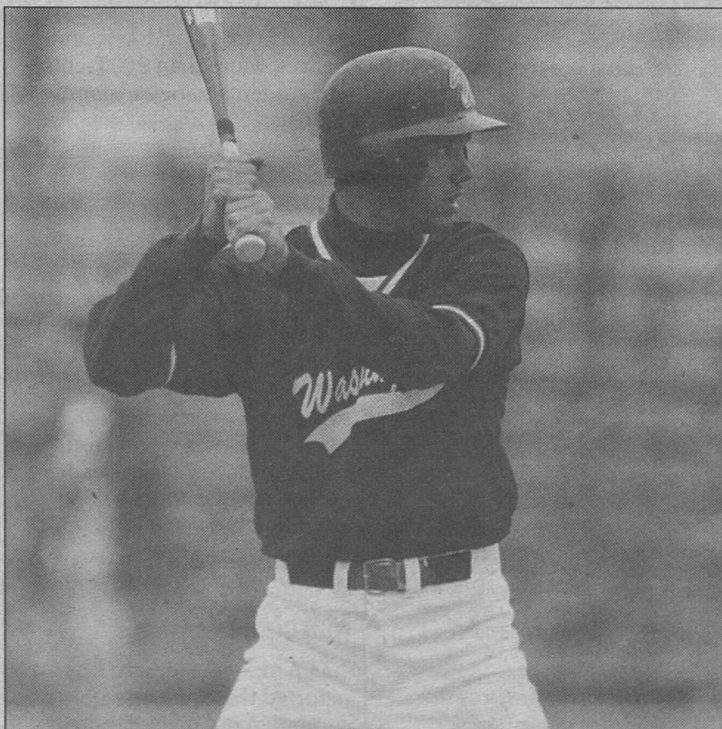
Baseball squad wins

Washington University's baseball team matched its season-high seven-game winning streak Thursday, April 1, with a 16-10 home victory over St. Mary's University (Minn.). Junior outfielder Mark Bruggeman went three-for-five with four RBIs and two runs scored. Senior first baseman Greg Davis drove in three runs with a pair of hits, and classmate Ben Goldenhersh homered and drove in three runs as the Bears improved to 16-2 at Kelly Field this season. Junior

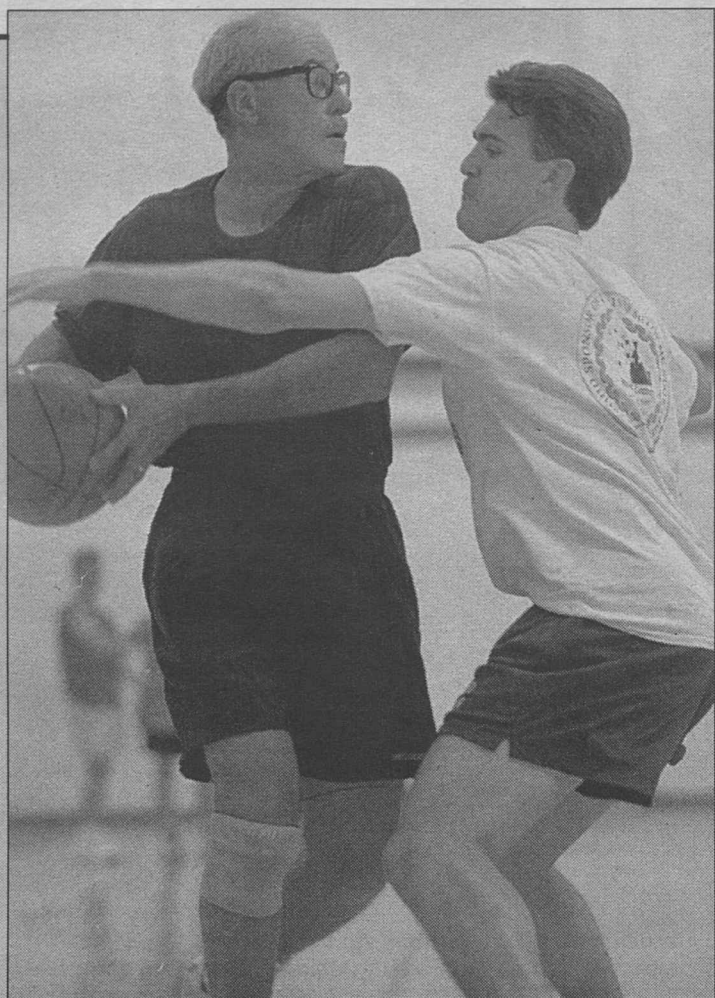
third baseman Ryan Mason also homered and freshman outfielder Graham McBride scored three runs as the Bears broke the game open with a six-run sixth inning. Senior pitcher Kevin Kuntz struck out six batters in six and two-thirds innings to improve to 6-0.

Men's tennis nets lone match of week

The men's tennis team extended its season-best winning streak to 10 matches Tuesday, March 30, with a 5-2 victory over visiting Illinois Wesleyan University. Freshman Mike Feldman remained perfect on the season at 12-0 with a victory at No. 4 singles, and junior Arun Nanjappa won at No. 1 singles for the Bears. Illinois Wesleyan earned its points with victories at No. 2 and No. 3 singles. The victory was important for the Bears, as Illinois Wesleyan is ranked ninth in the Midwest Region by the Intercollegiate Tennis Association (ITA). The Bears are 11th in the Midwest.



Junior outfielder Mark Bruggeman notched four RBIs and scored two runs in last week's game against St. Mary's University.



JOE ANGELES

A different kind of court Second-year law student Matthew Glenn takes on David M. Becker, J.D., the Joseph H. Zumbalen Professor of the Law of Property and associate dean for external relations, during the School of Law's annual student-faculty basketball game, held April 1 in the recreational gym.

Sandler

Joined University in admissions in 1967

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can accommodate his request."

In his new role, Sandler will continue to work with the admissions and student financial assistance offices and with the undergraduate divisions in the areas of enrollment and financial aid planning, and reporting of undergraduate data to organizations outside the University. He also will continue to oversee the operations of the internal audit and student financial assistance offices.

Sandler joined the University in 1967 as associate director of

admissions. In 1973, he was appointed director of financial aid, a position he held until 1986, when he was named assistant vice chancellor for budget and institutional studies. From 1993 through 1995 he also served as director of sponsored projects and indirect costs. He was named University treasurer in 1995, and two years later became vice chancellor for financial policy.

A 1961 graduate of Bowdoin College, Brunswick, Maine, Sandler earned a master's degree from Columbia Teachers College in 1966.

He has been active in a number of professional organizations during his years with the University, including the College Scholarship Service and The Council of Governmental Relations.

Washington University in 1983 and has been an active member of the University community since then. Among her many alumni activities, she has served as president of the John M. Olin School of Business Alumni Association and as chair of the Alumni Board of Governors.

Scholars

Program to expand campus diversity

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Services in America: Issues and Implications for People of Color" at 1:10 p.m. April 15 in Brown Hall Lounge;

• **Fernando Torres-Gil**, Ph.D., a prominent leader in the Hispanic community and a professor in the School of Public Policy and Social Research at the University of California, Los Angeles, who will discuss "Entitlement Reform: Political Consequences for Graying Baby Boomers," at 1:10 p.m. April 22 in Brown Hall Lounge.

All three lectures are free and open to the public. DuCille's lecture is sponsored by the Department of African and Afro-American Studies. The Davis and Torres-Gil lectures are part of the George Warren Brown School of Social Work's Spring Lecture Series.

In addition, Davis and Torres-Gil will conduct seminars during their visits. Davis' seminar, offered April 12-16, examines "Managed Health Care: Health and Mental

Health Policy and Practice Implications." Torres-Gil's seminar, which runs April 22-24, explores "Politics, Policy and Diversity: Implications for an Aging Society." Enrollment is open to graduate-level students and space is limited. For more information, contact the social work school at 935-6630.

DuCille has taught at the University of California, San Diego since 1996. Before that, she was on the faculty at Wesleyan University in Middletown, Conn., from 1991 to 1996, rising to professor of English and African-American studies. DuCille's expertise includes the areas of American and African-American literature, black women writers, women's studies and black feminist theory, cultural studies and Asian-American literature and history. She is the author of "The Coupling Convention" and "Skin Trade," a compilation of essays on race as an American cultural commodity. She earned a doctorate in American civilization from Brown University.

Davis has extensive experience in the administration of government social programs, including four years (1990-94) coordinating mental health and substance

abuse programs as a commissioner of the Virginia Department of Mental Health. As commissioner, Davis was responsible for executive leadership of a statewide behavioral health care system comprised of 15 facilities and 40 local community service agencies. He managed 17,000 employees and an annual budget of \$700 million and provided services annually to more than 270,000 consumers. He holds a doctorate from Brandeis University in Waltham, Mass.

Torres-Gil was born and raised in Salinas, Calif. He is director of the Center for Policy Research on Aging at the School of Public Policy and Social Research, University of California, Los Angeles. He has held a wide range of administrative and advisory positions in government, including first assistant secretary for aging in the U.S. Department of Health and Human Services from 1993 to 1996. He holds a doctorate in social policy, planning and research from Brandeis University.

For more information about duCille's lecture, call Adele Tuchler at 935-8556. For more information about the social work lectures, call Estelle Rochman at 935-4909.

Biology

Division specializes in interdisciplinary work

— from page 1

needs of scientists and science. In 25 years, the organization has changed its organizational stripes many times. It is, in the words of John H. Russell, Ph.D., associate dean of graduate studies, "an ongoing experiment."

The division contends with vast increases in the amount of information about subjects that reveal themselves to be increasingly complex. Interaction between traditional disciplines becomes more vital. "Good science gets done when different perspectives come together," Russell said.

Bringing those perspectives together seamlessly is where the division excels. A quarter of a century ago, educational visionaries here realized that the conventional structure of universities and medical schools did not match the increasingly interdisciplinary way in which scientific investigations were being conducted. They called for a reorganization focused on the most important questions in biology. It was a straightforward but brilliant insight that opened a door to huge changes and broad success, spawning many imitators.

Today, the division comprises 11 programs affiliated with 29 basic science and clinical departments at the School of Medicine, the School of Engineering and Applied Science, and Arts and Sciences. More than 300 faculty train students to be outstanding scientists.

By 1997, the division had graduated 389 Ph.D. scientists, 209 of whom had completed all of their postdoctoral training. More than half work in academic institutions — 84 as assistant, associate or full professors. Sixty-three practice or direct science in industrial environments. Of the 15 who work in government or public health, eight are senior or staff scientists at the National Institutes of Health.

Much of what is best about universities as societal institutions and Washington University in particular is distilled in the division's adaptability, said William H. Danforth, M.D., who was chancellor of the University when the division was created and today serves as chairman of the Board of Trustees. "The overall structures of universities persist without much apparent change," Danforth said, "but what people do within those structures can change greatly."

The creation of the division was such a major change. "It was a very imaginative idea," Danforth said, giving credit for the concept to P. Roy Vagelos, M.D., then head of the Department of Biological Chemistry. "There was some restiveness at the University about graduate education in the biological sciences and an interest in doing things better, in examining our weaknesses."

"At the same time, Vagelos and Max Cowan, who then was head of the Department of Anatomy, realized that biological research had to be tied to the other sciences — physics and chemistry," Danforth went on. "And scientists would have to be able to follow their interests

across traditional lines. We had an inadequate overview and insufficient regard for how these things fit together."

With the help of Dean M. Kenton King at the medical school and Dean Merle Kling in Arts and Sciences, graduate education in the biological and biomedical sciences was disconnected from traditional departmental structures and reorganized around scientific interests. Students were recruited into the division in its entirety, which at first consisted of six basic science departments at the medical school and the Department of Biology on the Hilltop Campus.

"We had three purposes," Danforth said. "New methods of graduate teaching was one. We also wanted to gain an overview to monitor the biological sciences so the deans and the chancellor could be advised of weaknesses. And we wanted to recruit faculty where they were most needed by the University, not solely by individual departments."

Danforth calls the division a "great innovation that has persisted because it is so successful." It reflects the University's place as an "institution in which people work well together across traditional lines, a place with few barriers to working together." He expressed surprise that it took decades for the division's concept to be imitated, a delay he attributes to parochialism elsewhere. "But it has persisted because it has worked so well," he said. "It is a typical example of how a big idea arises among the faculty and is put into operation at Washington University."

For more information about the symposium, call 362-3364.

Feiner

Active in many alumni activities

— from page 1

earned a master of business administration degree from

Employment

Use the World Wide Web to obtain complete job descriptions. Go to cf6000.wustl.edu/hr/home (Hilltop) or medicine.wustl.edu/wumshr (Medical).

Hilltop Campus

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

Earth and Planetary Sciences Library Assistant 990158

Director of Executive Education Programs 990159

Associate Dean and Director, Weston Career Resources Center 990160

Administrative Secretary (part time) 990162

LAN Engineer 990167

Information Technology Manager 990171

Residential College Director 990172

Publications Editor/Writer 990187

Administrative Coordinator 990188

Assistant Director of Development, School of Business 990189

Department Secretary 990190

Coordinator, Experiential Learning Program 990192

Data Manager and Analyst 990193

Data Manager and Analyst 990194

Japanese Catalog Librarian/Subject Librarian 990197

Program Director 990201

Admissions Coordinator and Technical Assistant 990206

Assistant Dean and Academic Coordinator 990210

Accounting Clerk 990213

SIS Research and Program Analyst 990215

Administrative Assistant 990218

Classroom Manager 990219

Scholarship Coordinator 990220

Residential College Director 990221

Residential College Director 990222

Receptionist 990223

Administrative Assistant 990226

Grants, Administrative Assistant 990227

Associate Director, Computing Center Operations 990228

Counselor/Financial Analyst 990230

Mechanic (Bargaining Unit Employee) 990231

Manager 990233

Assistant Accountant 990235

Administrative Assistant II 990236

Loan Coordinator 990240

Researcher 990242

Gift Accountant 990244

Medical Campus

This is a partial list of positions at the School of Medicine. Employees: Contact the medical school's Office of Human Resources at 362-7196. External candidates: Submit resumes to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, Mo. 63110, or call 362-7196.

Certified Coder 990400

Reimbursement Supervisor 990939

Clinical Nurse Coordinator 991074

Grants/Budget Specialist 991242

Campus Watch

The following incidents were reported to University Police from **March 29–April 4**. Readers with information that could assist in investigating these incidents are urged to call **935-5555**. This release is provided as a public service to promote safety awareness and is available on the University Police Website at rescomp.wustl.edu/~wupd.

March 29

4:54 p.m. — A student reported that observing four people carrying a large leather chair, valued at \$400, from Holmes Lounge to the South 40. An investigation is continuing.

March 31

2:33 p.m. — A student reported that someone stole a computer and printer, valued at \$2,100, from a room at Fraternity No. 1. An investigation is continuing.

April 1

3:38 a.m. — University Police responded to a report of fireworks being discharged in a restroom on the first floor of Rubelmann Residence Hall. No one could be located and no damage was caused.

April 2

10:34 a.m. — A student reported that someone broke out a car window and stole stereo equipment and speakers, valued at \$3,000, while the car was parked on Lot 57 at Shepley Drive.

April 3

1:08 a.m. — University Police responded to an automatic fire alarm in the main floor of Liggett Residence Hall. Investigation revealed that a fire extinguisher had been discharged, causing the alarm to sound. No fire was located.

University Police also responded to an additional three reports of theft, seven reports of vandalism, two reports of suspicious persons, one report of harassment, one auto accident, one disturbance report and one loud party.

Notables

Of note

Anne H. Cross, M.D., associate professor of neurology, has received a three-year \$558,854 grant from the National Institute of Neurological Disorders and Stroke for a project titled "Effector Molecules in Demyelinating Disease." ...

W. Edwin Dodson, M.D., professor of pediatrics and of neurology and neurological surgery, recently was honored by the Family Support Network with a Guardian Angel Award. The mission of the network is to prevent child abuse and neglect by strengthening families through direct services, education and community-based collaboration. ...

Jeffrey A. Drebin, M.D., Ph.D., assistant professor of surgery, has received a five-year \$546,000 grant from the National Cancer Institute for a project titled "HER2/NEU Overexpression and Pancreatic Cancer." ...

Laura L. Dugan, M.D., assistant professor of neurology, recently received the Innovation Award from the Academy of Science of St. Louis. The award is presented to a scientist younger than 40 who has exhibited great potential and/or superior accomplishment. Dugan has done groundbreaking work on the development of a new class of anti-oxidant neuroprotective compounds based on buckminsterfullerene (C60) molecules, called buckyballs. She is an acknowledged expert on the role of free radicals in nervous system

injury. Her research is applied to brain and spinal cord injury and might be carried into work on Alzheimer's dementia. ...

Kathleen B. Hall, Ph.D., associate professor of biochemistry and molecular biophysics, has received a two-year \$260,000 grant from the National Science Foundation for a project titled "NMR Structure and Dynamics and Computational Studies of RNA." ...

Rebecca P. McAlister, M.D., assistant professor of obstetrics and gynecology, was honored at the annual meeting of the Association of Professors of Gynecology and Obstetrics/Council on Resident Education in Obstetrics and Gynecology in San Diego. She was one of 19 physicians who completed a comprehensive educational program aimed at helping obstetrics and gynecology professors teach women's health more effectively. The participants were selected from a competitive group of applicants because of their demonstrated commitment to the field of women's health. The program is supported by Solvay Pharmaceuticals Inc. in Marietta, Ga. ...

Jeffrey D. Milbrandt, M.D., Ph.D., professor of pathology and of medicine, has received a \$487,500 grant from the U.S. Army Medical Research Acquisition Activity for a project titled "Role of NKX3.1 Homeodomain Protein in Prostate Carcinogenesis and Differentiation." ...

Jay F. Piccirillo, M.D., assistant professor of otolaryngology, has received a two-year \$127,037 grant from the National Cancer Institute

for a projected titled "Inclusion of Comorbidity in Oncology Data Registries." ...

Robert Snarrenberg, Ph.D., associate professor of music in Arts and Sciences, recently won the Society of Music Theory's Young Scholar Award. He received the award for his book "Schenker's Interpretive Practice" (Cambridge University Press, 1997), the first comprehensive study of the work of Heinrich Schenker (1868-1935), one of this century's most influential music theorists. ...

Thomas L. Thomson, professor of architecture, and his wife Mary Anne's renovation of their weekend cottage in Clarksville, Mo., is featured in the recent Traditional Home magazine. Originally a log cabin used by river traders in the 1810s, the cottage was later turned into a brick and stucco, two-story boarding house. The Thomsons, who discovered the home in 1988 after it had met with years of deterioration, have transformed the cottage into a charming, French-style country retreat.

Speaking of

William R. Kohn, professor emeritus of art, presented his multimedia work titled "Machu Picchu/Sacred Light" at the conference Art, Design and Music in the Electronic Age. The work, which features the music of Rich O'Donnell, instructor of electronic music, was the opening performance at the Center for the Humanities at the University of Missouri-St. Louis. ...

To press

A book titled "The Planetary Scientist's Companion" written by **Katharina Lodders, Ph.D.**, senior research scientist, and **M. Bruce Fegley Jr., Ph.D.**, professor of earth and planetary sciences in Arts and Sciences, recently was published by Oxford University Press.

Guidelines for submitting copy:

Send your full name, complete title(s), department(s), phone number and highest-earned degree(s), along with a description of your noteworthy activity, to Notables, c/o David Moessner, Campus Box 1070, or e-mail David_Moessner@aismail.wustl.edu. Items must not exceed 75 words. For more information, call 935-5293.

Inhalants

Abuse occurs in pockets, spreads 'like wildfire'

— from page 1

pockets. Much like the latest teen craze in clothes or music, inhalant abuse often establishes a toehold among a small group of users and then spreads like wildfire within a community, steadily increasing in popularity until the fad fizzles or something tragic happens.

Howard, who teaches courses on drug abuse at the George Warren Brown School of Social Work, said that inhalant abuse is a huge problem not only in the United States, but also overseas. Inhalant abuse is common among young people in Britain and Japan and is especially popular among poor children in the developing countries of Asia and Latin America. Recent reports estimate that more than 20 million Central and South American youths abuse inhalants on a regular basis.

Despite widespread inhalant use and its serious consequences, Howard is surprised that the issue receives relatively little attention from the anti-drug abuse establish-



3-D thinking Crissy Cinciripini and Robert Flynn, both freshmen in the School of Art, work on a project for "Introduction to Three Dimensional Design," taught by Giuseppe Pirone, lecturer in the art school. The students erected an awning at the back entrance to Bixby Hall, made of galvanized metal dry-wall track, that mimics Brookings Hall's distinctive turrets. "It's an exercise in three dimensional thinking," said Pirone. "Trying to put something together so that it actually stands — it was a lot harder than they expected."

Derrick Bell, lawyer and activist, to lecture on public interest law

Lawyer, activist, scholar and author Derrick Bell will lecture on "Race and the American Legal Process" at 4 p.m. Thursday, April 15, in Anheuser-Busch Hall's Bryan Cave Moot Courtroom.

The lecture, which is free and open to the public, is part of the School of Law's ongoing Public Interest Law Speakers Series on "Access to Justice: The Social Responsibility of Lawyers."

Bell became the first black tenured law professor at Harvard University School of Law in 1971, but he relinquished that title in 1992 in protest over the lack of women of color on the faculty.

He is the author of "Race, Racism and American Law" and "Constitutional Conflicts." His autobiographical work, "Confronting Authority: Reflections of an Ardent Protester," recounts his confrontations with racism and his professional struggles as an

"Race and the American Legal Process"

Who Lawyer and activist Derrick Bell

Where Bryan Cave Moot Courtroom, Anheuser-Busch Hall

When 4 p.m. Thursday, April 15

Admission Free and open to the public

educator and writer.

Currently a visiting professor at the New York University School of Law, Bell served as dean of the University of Oregon School of Law for five years. He was executive director of the Western Center on Law and Poverty at the University of Southern California Law School and counsel for the NAACP Legal Defense Fund.

For more information on the lecture, call 935-4958.

Campus Authors

Robert E. Hegel, Ph.D., professor of Asian and Near Eastern languages and literatures in Arts and Sciences

Reading Illustrated Fiction in Late Imperial China

(Stanford University Press, 1998)

This work explores significant physical aspects of the printed book in late imperial China to reconstruct the changing assumptions with which Chinese popular novels were originally read from the 16th through the 19th centuries. It focuses on the previously neglected areas of book format, varieties of illustrations and their significance, and the theory and practice of reading illustrated narratives.

The author first considers the physical book itself, as a vehicle for reading and as an object for visual enjoyment, tracing the development of the format commonly used for popular reading materials, the blockprinted book in sewn volumes with illustrations. He describes the technological progress that made the book production efficient and economical by the middle of the 16th century and makes extensive comparisons between the physical characteristics of novels and books of more artistically refined content.

The focus of the study then shifts to the illustrations that accompanied virtually all printed materials during the period when popular fiction became common. They are found to consist of a range of conventional elements that are related to images in more refined arts, such as the paintings of the literati and the decorations

produced by commercial artists. Close parallels in both content and pictorial motifs between these various levels of painting

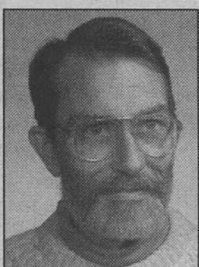
and book illustrations suggest a continuum of the arts on which the pictures in mass-produced fiction initially held a respectable position.

The final chapters assert, from a theoretical perspective, the function of illustrations in narratives as a guide or a hindrance to

reading. The author demonstrates the correspondence between the later decline of fiction illustrations and the growth in reading audiences, explaining this connection as a function of flagging interest in pictures — which often interfere with, rather than promote, the visualization so essential to reading for pleasure in other cultures as well.

Throughout, the author incorporates findings from the history of technology, new explorations in the development of commerce in cultural objects, recent research on the commercial arts and the latest theories of reading for pleasure to situate — and explain — the numerous changes in popular literary trends during the last several centuries of imperial Chinese rule.

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 (Medical Campus).



Hegel: Explores physical aspects of printed book

Washington People



Michael R. DeBaun, M.D., gives Isaac Cornell, 5, a routine checkup. Isaac, who has sickle cell disease, suffered a stroke at 18 months.

Man with many missions

Michael R. DeBaun, M.D., lets little stand in his way as he researches sickle cell disease and other threats to children

BY DIANE DUKE WILLIAMS

Michael R. DeBaun, M.D., assistant professor of pediatrics, has many missions. And when he decides to accomplish something, he lets very little stand in his way.

"He's like the Energizer bunny," said Martha Nelson, a pediatric nurse practitioner who works with DeBaun. "He's charged up all the time. His favorite saying is, 'Let's just do it.'"

Colleagues describe DeBaun as hardworking, determined, dynamic and inquisitive. They say these qualities, combined with his expertise, have led to his many successes — igniting the clinical research program in pediatric hematology/oncology, building a program for children with sickle cell disease and successfully directing the BJC Pediatric Hospice Program.

"He has expertise in epidemiology and clinical trial design, and he is extremely aggressive in the way he approaches studies," said David B. Wilson, M.D., Ph.D., associate professor of pediatrics and director of the Division of Pediatric Hematology/Oncology. "He quickly sets up studies, analyzes the data and writes up the rewrites, and I think that's his greatest strength. He's a real workhorse, and that's important in this field."

Wilson added that DeBaun and some of his colleagues in hematology/oncology have been out in front on clinical research projects nationally instead of following other universities, as in years past.

Terrific mentor

Elizabeth Baorto, M.D., a clinical fellow in infectious diseases who is working on a project with DeBaun, said he got her interested in clinical research. "He has terrific mentoring skills, and he can get you excited about anything. He sees excitement in what most people look at as ordinary."

DeBaun's clinical research focuses on strokes in children with sickle cell disease and on cancer predisposition syndromes in children.

Sickle cell disease is an inherited blood disorder that affects about one in 375 African-American infants. Children with sickle cell are more prone than healthy children to have strokes. About a fifth of them have a stroke

before they are 12 years old, and two-thirds will have a silent stroke, which often goes unrecognized because the child acts normally. The telltale sign, however, is falling behind with schoolwork.

DeBaun is trying to understand how best to identify children who have had silent strokes, the risk factors for strokes and the best way to help these children catch up at school.

"We've had preliminary data to strongly suggest that children with silent strokes can receive educational rehabilitation specific for the type of lesions the stroke caused, and it's exciting," DeBaun said. Historically, sickle cell disease hasn't gotten as much publicity and funding as other

board of the Sickle Cell Disease Association of America.

In another area of his research, DeBaun studies Beckwith Wiedemann syndrome (BWS), a rare congenital disorder affecting 350 newborns a year in the United States. Children with BWS often have a number of clinical features, some of which include large size at birth, a large tongue and large kidneys.

Most importantly, children with BWS are at increased risk for cancer. In 1993, while at the National Cancer Institute (NCI), DeBaun established an international registry for BWS, and he is currently studying the syndrome's genetic epidemiology, as well as several other childhood cancer predisposition syndromes.

"This is a fascinating area of investigation," he said, "because we are combining two areas of investigation, classic epidemiol-

Michael R. DeBaun, M.D.

From St. Louis, Mo.

Education B.S., Howard University; M.S., Stanford University; M.D., Stanford University Medical School; house staff, Washington University School of Medicine; M.P.H., The Johns Hopkins University School of Hygiene and Public Health

Positions assistant professor of pediatrics and medical director of BJC Pediatric Hospice Program

Family Wife, Sandra; children, Rachel, 13; Malcolm, 11; and Morgan, 9

"He is a deeply committed physician — one who cares about people and strives to better their circumstances."

ALAN L. SCHWARTZ

diseases. But DeBaun recently has seen some major changes in this area.

In 1998, the state of Missouri awarded DeBaun funds to expand the care for children with sickle cell disease, enabling the Department of Pediatrics to establish a multidisciplinary treatment program for sickle cell patients, from newborn screening to early adulthood.

Also, St. Louis Children's Hospital recently approved an initiative to make sickle cell disease a fundraising priority, about which DeBaun is very excited.

"This initiative represents a commitment of the leadership of St. Louis Children's Hospital and the Department of Pediatrics, demonstrating that sickle cell disease is an important entity and that care for these children will be second to none," said DeBaun, who recently was elected to the

ogy and molecular biology, for a better understanding of cancer in these unique groups of children."

DeBaun grew up in University City, the son of a McDonnell Douglas employee and an elementary school teacher at Montessori Euclid School. His aunt and uncle, also educators, lived down the street, and his grandparents were less than 20 minutes away.

"We were urban Waltons. Formally, it was an extended family, but informally, it was one big family," DeBaun said.

DeBaun's close-knit family gave him a strong sense of self and a rock-solid foundation. He also believes his enthusiasm for life began at home.

DeBaun attended St. Louis University High School, where he learned an outstanding code of discipline. He chose Howard University for college, which he

describes as four years of utopia. "It was a very nurturing environment," DeBaun said. "Professors were extremely interested in making sure you mastered the information. It provided a strong foundation for my professional education."

In deciding to become a physician, DeBaun was heavily influenced by his pediatrician, Helen Nash, M.D., a well-known St. Louis pediatrician who cared for his family. "She was the only powerful figure that I knew," DeBaun said. "I always admired her. She's at the vanguard for children's health issues in St. Louis."

He attended medical school at Stanford University and returned to St. Louis in 1987 for a pediatric residency, chief residency and fellowship in pediatric hematology/oncology at the School of Medicine. During his fellowship, he began studying stroke in children with sickle cell disease.

He then decided to pursue a master's in public health from the Johns Hopkins University School of Hygiene and Public Health, receiving the degree in 1993. He also conducted three years of research at the NCI.

Margaret Tucker, M.D., DeBaun's mentor at the NCI and chief of the genetic epidemiology branch there, said DeBaun is a rising star in genetic epidemiology. "He's an unusual mix of clinician and epidemiologist, which makes him especially qualified to conduct interdisciplinary studies. He does these studies very well," she said, adding that his patients also adore him.

DeBaun was recruited to the School of Medicine in 1996 as an assistant professor of pediatrics after receiving the Robert Wood Johnson Minority Faculty Development Award.

'Very talented'

"Michael is a very talented person with a rich heritage," said Alan L. Schwartz, M.D., Ph.D., the Harriet B. Spoehrer Professor and head of the Department of Pediatrics. "His family have been educators in St. Louis for generations. He is a deeply committed physician — one who cares about people and strives to better their circumstances."

DeBaun and his wife, Sandra, have three children, Rachel, 13; Malcolm, 11; and Morgan, 9. Sandra, DeBaun said, is the cornerstone of the family and has made a choice to forego her career as a teacher to balance the family's life.

"On a personal level," DeBaun said, "our life is circled around our children." DeBaun plays soccer with Malcolm and Morgan and takes Rachel to the symphony. He also likes to read biographies.

In 1997, DeBaun became medical director of the BJC Pediatric Hospice Program, a service in which he strongly believes. In this role, he coordinates the care of children who have terminal illnesses. He visits patients at home and helps families come together during these very difficult times.

Wilson sings the praises of DeBaun in this volunteer position. "He's done a very fine job with a very difficult group of patients," he said. "His beeper is always on to take phone calls from the hospice nursing staff. And as you can imagine, there's always a number of very sick kids."

Caring for patients is one of the most satisfying parts of DeBaun's job. "What I like most about patient care are the times of joy," DeBaun said. "It's not just the sad times, it's the good times, too. You're not just taking care of the child — you're caring for the whole family."