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Record

April 15, 1999

Volume 23 No. 28



Washington University in St. Louis



Winners Bears Coach Nancy Fahey (at microphone) and her NCAA Division III champion basketball team acknowledge a standing ovation from a crowd of celebrants Friday, April 8, in Bowles Plaza. Athletics Director John M. Schael and Chancellor Mark S. Wrighton also addressed the crowd and presented the championship trophy to the team. The event featured cake and free T-shirts for all attendees with University identification.

New professorship Susan Rotroff is appointed to Thurston-Van Duyn chair

By LIAM OTTEN

Susan Irene Rotroff, Ph.D., professor in the Department of Classics in Arts and Sciences, has been named the first Jarvis Thurston and Mona Van Duyn Professor in the Humanities. A formal installation ceremony will take place at 4:30 p.m. May 19 in Holmes Lounge.

"Susan is a wonderfully talented and interactive faculty member," said Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences. "She brings great depth and breadth to our excellent faculty work in classics and archaeology, and her teaching is much sought after by our students. I am very pleased that Arts and Sciences at Washington University can honor her in this way."

George M. Pepe, associate professor and chair of the classics department, said: "Susan richly deserves this honor. Despite her

many accomplishments and awards, she has always been unassuming, amiable and generous with both her time and her energy in the interest of the students and the department."

The Jarvis Thurston and Mona Van Duyn Professorship honors teacher/scholar Jarvis Thurston, Ph.D., professor emeritus and former chair of the Department of English in Arts and Sciences, and his wife, Mona Van Duyn, a Pulitzer Prize-winning poet and former Poet Laureate of the United States. The professorship was created as a result of a 1997 gift from the Danforth Foundation.

See **Rotroff**, page 2

It's the law Students teach youths legal concepts

By ANN NICHOLSON

Several dozen law students have taken their training into the community, teaching North St. Louis fifth-graders practical legal concepts that affect the youths' everyday lives — from the reasons for laws to the difference between a burglary and a robbery. The Law-Related Education Initiative is part of a pilot project organized by the Public Service Center of the national Phi Alpha Delta law student organization.

Law students at universities in St. Louis, Miami and Los Angeles were selected to participate in the pilot curriculum, funded through a grant from the U.S. Department of Justice's Office of Juvenile Justice and Delinquency Prevention. In the St. Louis component,

Washington University and Saint Louis University law students are working to empower youngsters through a better understanding of the laws of society and their value. Teams of law students have been teaching twice a week in three Columbia Elementary School classes in the St. Louis public school district.

"The program has helped to increase awareness of the students' legal rights," said second-year law student Victoria Zerjav, who is the project coordinator at Washington University School of Law. "They learn what they can and cannot do, and how they are protected by the law, whether it is a consumer transaction or knowing that people who are injured or wronged can seek relief under the law."

Zerjav noted that the program

is a natural extension of educational outreach efforts that local law school students in the Phi Alpha Delta organization have been conducting in several neighboring elementary schools the past several years. She said it was an honor to have Washington University selected to participate in one of only three test sites nationally for the initiative, which is being overseen by Michael D. Harwin, a Los Angeles County Superior Court judge and executive vice president of the Phi Alpha Delta Public Service Center.

The program's specially designed workbooks have made the challenge of explaining principles related to contracts, torts, consumer law and criminal law a lot of fun, Zerjav noted. Full of new vocabulary words,

See **Law**, page 6

Eliot gets one-year reprieve to meet student housing need

Eliot Residence Hall will remain open for another year to accommodate students who wish to remain on the South 40.

The high-rise dormitory was slated for demolition this summer, but an unexpected 88 percent of current freshman chose to return to the South 40 for their sophomore year, compared to a 69 percent average over the past five years. There was also an increase in the number of sophomores and juniors wishing to return, so Eliot will be a mixed upperclass/freshman building during the 1999-2000 academic year.

"Due to the number of students wanting to stay on the South 40, the University has decided to postpone the next phase of construction for

one year," said Steven G. Rackers, manager of capital projects and records in Facilities, Planning and Management.

The demolition will now take place in the summer of 2000 and the site will be used for a new residence hall for 150 students along with an extension of the parking garage, Rackers said.

The 73,208-square-foot Eliot was built in 1963 with 12 floors and a penthouse. It is named for the late Thomas H. Eliot, who came to the University in 1952 as chair of the political science department. Later, he also taught in the School of Law. A distant relative of William Greenleaf Eliot, the University's co-founder, he also served as chancellor from 1962-1971.

University's United Way campaign raises \$410,783

Washington University employees have outdone themselves once again, raising a total of \$410,782.73 for the United Way of St. Louis — almost \$36,000 more than the three-campus campaign goal.

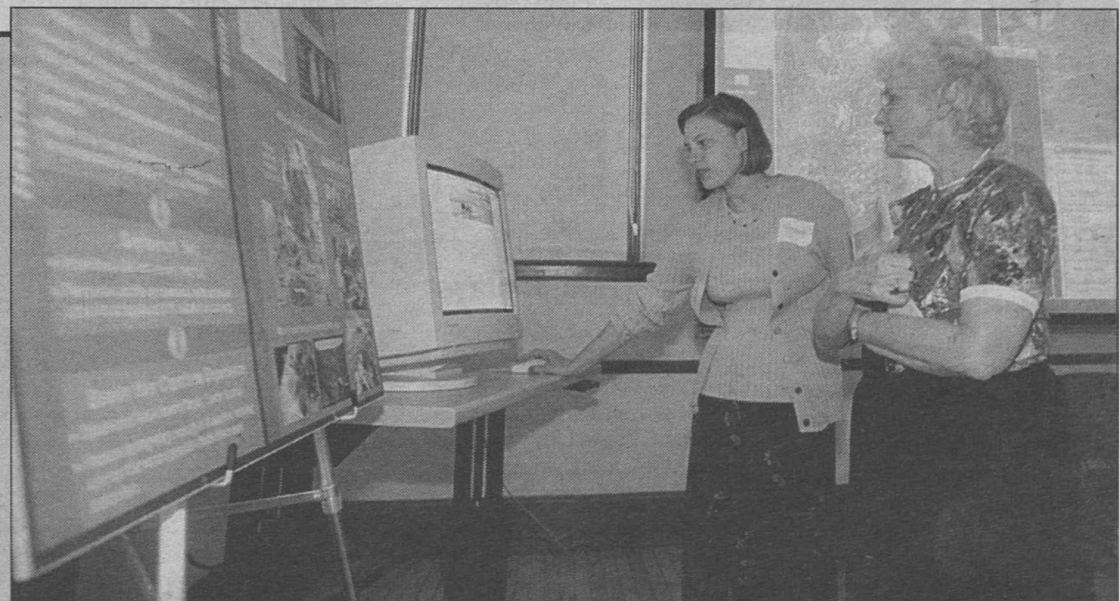
Though the drive ran officially from Sept. 9 through Oct. 31, 1998, it takes the organizers two to three months to tally the total, because gifts and pledges continue to come in well past the first of the year. Results have just been announced.

Ann B. Prenatt, director of employee relations and chair of the 1998 drive, expressed real gratitude and a certain degree of wonder at the final figures. "These are great

results," she said, "especially in a year when we launched the Campaign for Washington University among the staff." The University's \$1 billion capital campaign began enlisting staff support in November.

"This is a phenomenal accomplishment and another great example of how the Washington University community works together to support the St. Louis area," said Chancellor Mark S. Wrighton. "I am grateful to all the members of the University family who contributed to the campaign's success. I am especially appreciative of the leadership that Ann Prenatt

See **United Way**, page 6



Unveiling Eads Heather Brouillet, a sophomore majoring in environmental studies in Arts and Sciences, takes Victoria Witte, assistant dean for information services at Olin Library, on a virtual-reality tour of the Mojave Desert. The demonstration was one of 12 faculty/student presentations throughout Eads Hall April 6 showcasing the uses of technology in teaching and learning.



DAVID NELSEN

Lofty goal Workmen began interior demolition last week at 1627 Washington Ave., a former warehouse located in downtown St. Louis' historic loft district. A unique partnership between Washington University, NationsBank and the Regional Housing and Community Development Alliance is renovating the property. When completed, the building will house 26 two-bedroom loft apartments — 16 of which are reserved for alumni of the School of Art — as well as a gallery space.

Rotroff

Classicist named to new humanities chair

— from page 1

tion to support professorships in the humanities. It is the first of four such professorships that will be named in honor of distinguished persons who have served on the University's humanities faculty.

Rotroff earned a bachelor's degree in Greek and in classical and Near Eastern archaeology from Bryn Mawr College, Bryn Mawr, Pa., in 1968. She received a master's degree in 1972 and a doctorate in classical archaeology in 1976, both from Princeton University. She came to Washington University in 1995, following a 12-year career at Hunter College. While at Hunter, she was awarded a John D. and Catherine T. MacArthur Fellowship.

Rotroff has written and lectured extensively on Greek art and archaeology, ancient ceramics and ancient Athens. She is the author of two volumes on the Athenian Agora — "The Athenian

Agora XXII, Hellenistic Pottery: Athenian and Imported Moldmade Bowls" (1982) and "Hellenistic Pottery: Athenian and Imported Wheelmade Tableware from the Athenian Agora" (1997) — work that has been the central focus of her research throughout her career. She is nearing completion of a third volume and will be on leave for the 1999-2000 academic year in order to complete it, working in Jerusalem and Athens.

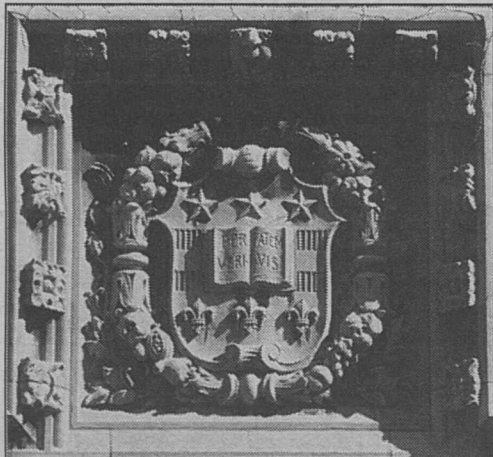
In her relatively short time at Washington University, Rotroff already has assumed numerous leadership responsibilities, serving as a member of the Arts and Sciences Academic Planning Committee and the Arts and Sciences Advisory Committee on Tenure, Promotion and Personnel. She teaches both undergraduate and graduate courses, serves as an undergraduate and graduate adviser and also serves on three doctoral committees.

Rotroff is active in numerous professional organizations, serving as a member of the Governing Board of the Archaeological Institute of America from 1992 to 1997 and as vice chairman of the Managing Committee of

the American School of Classical Studies from 1990 to 1998. She also has served as a referee for the Princeton University Press, the University of Oklahoma Press, the Getty Trust, the National Endowment for the Humanities, Hesperia, American Journal of Archaeology, Bulletin of the Schools of Oriental Research and Journal of Roman Archaeology supplements.

Jarvis Thurston helped bring to the University such distinguished faculty as the late novelist Stanley Elkin, poet John Morris, former Poet Laureate Howard Nemerov, philosopher and novelist William H. Gass, poet Donald Finkel and scholars Wayne Fields, Steven N. Zwicker and Naomi Lebowitz. Van Duyn taught English in University College, later serving as poetry consultant for the Olin Library Modern Literature Collection and teaching several graduate poetry workshops for the Writing Program in Arts and Sciences. Together, Thurston and Van Duyn helped the Department of English establish a distinctive atmosphere that combines the academic and the literary in a single community — a model that is still in place.

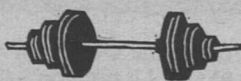
News Briefs



Campus quiz: This elaborate seal adorns which Hilltop building?

Shaping up

Washington University students, full-time faculty and staff with valid identification are eligible to use the Athletic Complex at no charge. Students and employees also may purchase memberships for spouses and children at reasonable rates.



Facilities include a pool, weight room, gyms, track, and courts for tennis, racquetball, handball and squash. The McWilliams Fitness Center is also available on a paid membership basis, offering treadmills, bikes and step climbers. For more information, call 935-4705.

Major player

The Washington University Medical

Center — comprised of the School of Medicine; Barnes-Jewish, St. Louis Children's and Barnard hospitals; and the Central Institute for the Deaf — generates an annual financial impact of more than \$3.5 billion on the St. Louis area, according to the St. Louis Regional Commerce and Growth Association. With more than 15,000 employees, the center has the largest private payroll in the City

of St. Louis and the second largest in the metropolitan area.

Training teachers

A 16-member panel of college and university presidents, chancellors, chief academic officers and education leaders has recommended that institutions make improving teacher quality a top priority. The panel recommended that university officials encourage professors in education programs to work with colleagues in other disciplines to develop curricula for teacher education. The report also recommended that teacher education programs consider guaranteeing the quality of their graduates.

Answer: This handsome stonework is part of the Brookings Arch, facing west across the quadrangle.

"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.

Jeroen Swinkels named to Busch professorship

By NANCY BELT

Jeroen Swinkels, Ph.D., was installed as the August A. Busch Jr. Distinguished Professor of Managerial Economics and Strategy in the John M. Olin School of Business April 7.

The endowed professorship recognizes the many accomplishments of August A. Busch Jr. (1899-1989), widely known as Gussie, who, for 29 years, was chief executive officer of Anheuser-Busch Companies Inc., the world's largest brewing company. Busch also was an accomplished equestrian, an enthusiastic civic and community leader and the recipient of countless awards for his contributions to numerous organizations.

"We are indebted to Anheuser-Busch, which established this professorship through the Anheuser-Busch Foundation in 1989 to honor Mr. Busch Jr.," said Chancellor Mark S. Wrighton. "Such gifts are invaluable to the University, as they help attract and retain outstanding faculty, such as Jeroen Swinkels."

Before joining the business school in 1997, Swinkels was tenured at the J.L. Kellogg Graduate School of Business at Northwestern University, and, from 1990 to 1992, he taught economics at Stanford University. He teaches at the Ph.D. and master of business administration levels, focusing on competitive strategy.

His current research concerns the properties of large auctions, which government and business increasingly use as a means of allocation, and which serve as a useful model for other market structures.

Swinkels received a bachelor of arts degree from Queen's University in Kingston, Ontario, and a doctoral degree from Princeton University. His work has been published in leading economics journals including *Econometrica*, the *American Economic Review*, the *Review of Economic Studies* and the *Journal of Economic Theory*.



Swinkels: Teaches competitive strategy

"We're delighted to have someone as eminently qualified as Jeroen Swinkels for this important chair," said Stuart I. Greenbaum, Ph.D., dean of the business school. "It delights us to jointly honor the Busch family, Anheuser-Busch and one

of our leading scholars."

The business school has benefited greatly from the support of Anheuser-Busch over the past 20 years. August A. Busch III, chairman and chief executive officer of the company, is currently serving on the school's National Council.

Busch has served on the Board of Trustees, and for the past century, the University as a whole has benefited from the Anheuser-Busch tradition of support, which has included Adolphus Busch Hall, the Adolphus Busch Professorship of Medicine and the new Anheuser-Busch Hall, home of the School of Law.

Earth Day Green Action hosting array of events

Speakers, panel discussions, organic and vegetarian foods and a Nigerian Ogoni Cultural Celebration are among the events planned for the Grassroots Earth Day Celebration, to be held on campus April 22-24. The student group Green Action, part of Campus Y, is co-sponsoring the event with other community environmental groups.

Samuel Epstein, M.D., author and professor of occupational and environmental medicine at the University of Illinois Medical Center, Chicago, will keynote the observance with an address titled "Runaway Technologies" at 7 p.m. Thursday, April 22, in Room 100 Brown Hall. Epstein, a champion of cancer prevention, is an internationally recognized authority on the toxic and carcinogenic effects of pollutants in the environment and contaminants in consumer products and is the author of 10 books, including "The Politics of Cancer."

A panel discussion about the environmental and social costs of technology will follow Epstein's talk.

Liane Clorfene-Casten of Chicago Media Watch, author of

"Breast Cancer: Poisons, Profits and Prevention," will take part in a panel discussion about safe food and health at 7 p.m.

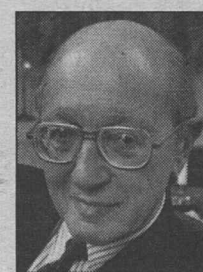
April 23 in Room 149 McMillan

Hall. Ken Midkiff of the Sierra Club and organic farmer Paul Krautmann will also serve on the panel.

On April 24, the observance

offers a day-long program of music, organic food, displays and additional discussions of environmental and social issues, beginning at 10 a.m. with a cultural celebration honoring the Ogoni people of Nigeria, who have suffered environmental destruction and human rights abuses at the hands of a military dictatorship.

The day will also feature storytellers, musicians and craft and art activities for all ages. For more information, call 771-8576 or 727-8554.



Epstein: Champion of cancer prevention

Record

Washington University community news

News & Comments

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Medical School Update

Genetic factors, not necessarily sex of child, influence ADHD

By JIM DRYDEN

Boys are four to nine times more likely than girls to be diagnosed with attention-deficit/hyperactivity disorder (ADHD). But in a study involving almost 3,500 children, School of Medicine psychiatry researchers found two distinct subtypes of ADHD, and at least one of those subtypes of ADHD affects boys and girls at practically the same rate.

"The hyperactivity of young boys is easy to spot, and a child who is excessively disruptive will

come to the attention of a teacher more quickly than a little girl who might be sitting very quietly but is having problems with inattention," said Rosalind J. Neuman,



Neuman: Genes play role in ADHD

Ph.D., research assistant professor of mathematics in psychiatry and lead author of a study published in the *Journal of the American Academy of Child and Adolescent Psychiatry*.

Neuman and colleagues Andrew C. Heath, D.Phil.; Gwendolyn G. Reich, Ph.D.; Theodore Reich, M.D.; and Richard D. Todd, Ph.D., M.D., found that while young boys are more likely than girls to receive treatment for hyperactivity, simply being female does not reduce the risk of ADHD.

"Inattention problems are just as common in girls as in boys and just as impairing," said Todd, a co-investigator and the Blanche F. Ittelson Professor and director of the Division of Child Psychiatry at the medical school. "For both sexes, attention problems affect grades, family functioning and functioning with peers."

Neuman, Todd and colleagues examined questionnaires from three groups for the study, which was funded by grants from the National Institutes of Health and the U.S. Public Health Service. They studied more than 2,600 women and girls who were part of a registry of twins born in Missouri between 1968 and 1994. Their parents participated in phone interviews to determine the prevalence of various ADHD symptoms, from fidgeting to difficulty with organization to distractibility.

The researchers also looked for symptoms of ADHD in groups of high-risk children, 430 girls and 425 boys from alcoholic families participating in a six-center Collaborative Study on the Genetics of Alcoholism (COGA).

Psychiatrists and psychologists have traditionally classified ADHD as belonging to one of three types:

inattention or distractibility, hyperactivity and impulsivity, and a third form involving problems in both areas. But the children in this study provided the researchers with good evidence for only two of those subtypes.

"We found an inattentive subtype characterized by the inability to concentrate and another subtype combining both inattention and hyperactivity," Neuman said. "It could be that what we once thought of as the strictly hyperactive and impulsive group is very rare or is really the combined type, and treatment for ADHD would improve both problems. But we found good evidence for only two subtypes."

By including twins in the study, the investigators were able to determine that genes play a role in the risk for ADHD. Identical twins suffered from the same class of symptoms 80 percent of the time. Nonidentical or fraternal twins only matched up about half of the time.

"It's clear that ADHD runs in families," Todd explained. "That has important treatment implications because other children in a family are at high risk, and the risk for parents to have similar problems is high. Obviously, if a parent is having a problem with attention, it is more difficult to successfully treat a child."

Todd said the finding that genetic factors influence risk might make it possible to create better treatments in the future. "On the basis of these twin studies, we believe ADHD has a genetic component, and if we could identify genes that predispose kids to ADHD, we might be able to develop better, more specific treatments."

Treatment for ADHD has been controversial. Child psychiatrists and pediatricians prescribe methylphenidate (Ritalin) and other stimulants. Todd agrees with critics that medication by itself is rarely sufficient. Children also need to learn organizational skills, social skills and how to compensate for problems that result from their disorder, but he bristles at the idea that medication is not necessary.

With this in mind, Neuman and Todd are working to further tease out the genetic influences on ADHD. Eventually, they hope to identify genes that increase the risk of developing the disorder, just as other researchers are looking for the genetic roots of conditions such as high chole-

sterol, diabetes and hypertension.

Their current study shows that ADHD is similar to those disorders in that many children suffer from some symptoms, but the severity of symptoms and their impact can differ greatly among individuals.

"Using high blood pressure as an example, in terms of outcome or risk, a diastolic blood pressure reading of 90, where physicians usually prescribe medication, is not significantly different than a pressure of 88," Todd said. "At some point, however, a physician has to decide whom to

treat. Ninety is the usually accepted guideline. Our studies and others suggest a similar continuum in ADHD."

Some studies estimate that almost one in 10 school-age children is affected by ADHD. Why they have the disorder, who should be treated and whether girls are underdiagnosed are some of the questions the investigators hope to answer as they look at the disorder's genetic and familial influences.

Neuman and colleagues found that while young boys are more likely than girls to receive treatment for hyperactivity, simply being female does not reduce the risk of ADHD.



Wrist remedy Second-year occupational therapy student Lisa Rindal (right) applies a dynamic wrist extension that she made to Susan Greger, a fourth-year medical student, during demonstrations at the annual Occupational Therapy Day, held Thursday, April 8, in Barnes Hospital's Shell Lobby. The event showcases the latest developments in the field and offers information about careers in occupational therapy.

Extraordinary enzyme

Protein linked to Alzheimer's needed for blood cell development

By BARBRA RODRIGUEZ

Two new studies led by School of Medicine researchers suggest that a single enzyme might act as the biological equivalent of a Ginsu knife that can slice watermelon and dice peppers. This enzyme might contribute to Alzheimer's disease but is essential for production of blood cells.

The studies reveal a factor that influences the cleavage of a protein important in Alzheimer's disease, amyloid precursor protein (APP), also influences the cleavage of a dissimilar protein, Notch, that's crucial for blood cell development. Because the factor, presenilin-1, interacts with both of these proteins, drugs under development to prevent the Alzheimer's protein from causing disease might wipe out a patient's blood cells.

"If a drug prevents Notch from working, it will adversely affect stem cells that regenerate the blood system, which is going to have a faster, more devastating impact on someone's health than a slowly progressing disease like Alzheimer's," said Raphael Kopan, Ph.D., assistant professor of medicine and of molecular biology and pharmacology. He is principal author of a paper in the April 8 issue of *Nature* that raises this concern.

Alison M. Goate, Ph.D., professor of genetics and of psychiatry, is a co-author of the *Nature* paper and principal author of the related paper on Alzheimer's disease and Notch, published in the March 16 *Proceedings of the National Academy of Sciences (PNAS)*.

Previous research in Kopan's laboratory suggested that Notch drives developmental decisions in many cells after it is clipped within the membrane that envelops cells. APP, which is involved in some cases of Alzheimer's disease, is one of only two other proteins known to undergo this type of intramembrane cleavage. It gives rise to a smaller protein fragment that can form the plaques seen in the brains of patients suffering from memory loss and dementia.

Other researchers had found genetic evidence that Notch interacts with the presenilin-1

suggesting a role for presenilin-1 in Notch processing. In addition, most APP evaluated in mouse embryos that lacked presenilin-1 also failed to be processed. Bart De Strooper, M.D., Ph.D., an assistant professor from the Center for Human Genetics and the Flanders Institute for Biotechnology in Leuven, Belgium, collaborated on this study and is lead author of the *Nature* paper.

The investigators determined that drugs that target the unknown enzyme that clips APP also inhibited Notch cleavage. "These reagents inhibited Notch processing as effectively as they inhibited APP," Kopan said. "So it is highly likely that the enzymes that cut these proteins are very similar — or are one and the same enzyme — which was a surprise."

Although presenilin-1 might be the molecular scissors that attack APP and Notch, Goate said that it also could play an indirect role. "It remains unresolved whether presenilin affects both cleavages because it's

the enzyme or because it's modifying the activity of the enzyme or because it's modifying the trafficking of the enzyme or other proteins involved in cleavage," she said.

The research team is continuing to investigate the role of presenilin-1 in APP and Notch processing. The results might have implications for the more common, late-onset Alzheimer's disease.

Kopan noted that the findings so far demonstrate the relevance of basic research to medicine. "All the pathways working in a living cell are interconnected like a ball of yarn," he said. "It just happens that we grabbed on to different ends of the same string without knowing it."

"If a drug prevents Notch from working, it will adversely affect stem cells that regenerate the blood system, which is going to have a faster, more devastating impact on someone's health than a slowly progressing disease like Alzheimer's."

RAPHAEL KOPAN

gene associated with early-onset Alzheimer's disease. Kopan and Goate decided to determine if this interaction results from the physical association of protein products of the Notch and presenilin-1 genes.

By making cells produce abnormally large amounts of Notch, the researchers demonstrated in the *PNAS* study that Notch and presenilin-1 protein physically interact. When presenilin-1 was isolated with antibodies, for example, the Notch protein tagged along with it.

In the *Nature* paper, the researchers reported that most of the Notch in nerve cells lacking presenilin-1 remained unclipped,

University Events

JAZZDANCE Famed choreographer brings company to Edison Theatre

With its famous elasticity, casual asides, sudden movements and split-second timing, jazz has often proven a particularly apt soundtrack for contemporary dancers. Danny Buraczkeski, one of the foremost jazz dancer/choreographers working today, will bring his acclaimed company JAZZDANCE to Edison Theatre for a St. Louis premiere April 30 and May 1 and 2.

The program, co-sponsored by Edison's OVATIONS! Series and Dance St. Louis, takes place at 8 p.m. April 30 and May 1 and at 2 p.m. May 2.

Buraczkeski, a former member of the Zurich Opera Ballet, performed in Broadway musicals, including "Mame" with Angela Lansbury and "The Act" with Liza Minelli. He formed JAZZDANCE in 1979, moving the company from New York to Minneapolis/St. Paul in 1993.

Over the years, Buraczkeski has received numerous awards, including multiple fellowships from the National Endowment for the Arts and commissions for the Walker Art Center, the Bates Dance Festival, the Boston Ballet and others. The company has performed in more than 30 states as well as Europe and the Caribbean.

For Buraczkeski, the music — by Duke Ellington, Billy Strayhorn, Artie Shaw, Bennie Goodman and other American masters — always comes first. Like the early dancers who performed in jazz clubs and dance halls, Buraczkeski begins his



JAZZDANCE, the acclaimed dancing company, comes to Edison Theatre April 30, May 1 and 2 as part of the OVATIONS! Series.

choreography by improvising to the music, creating movements in direct response to its sounds and rhythms.

For its St. Louis debut, JAZZDANCE will perform some of Buraczkeski's most recent choreography. The program includes "Points on a Curve," set to the hard bop sounds of Ornette Coleman, Terumasa Hino and Masabumi Kikuchi; "Scene

Unseen," an elegant look at the artistic and human relationship between Strayhorn and Ellington; and "Swing Concerto," an exuberant mix of American swing, Jewish klezmer music and Eastern European folk dances.

Also on the program is "Ezekiel's Wheel," which was inspired by African-American author James Baldwin and will be performed by the Hartford

(Conn.) Ballet next season.

"Baldwin stressed the need to find common ground — to celebrate the things we share in common rather than those that divide us," Buraczkeski has said of the work.

JAZZDANCE's St. Louis visit will follow a week of performances at New York's Joyce Theater and an extended run with Boston Dance Umbrella. For the

past three years, the company has spent a three-week residency at the renowned Jacob's Pillow festival of modern dance in Massachusetts.

Tickets are \$23; call for discounts. Tickets are available at the Edison Theatre Box Office, 935-6543, the Dance St. Louis Box Office, 534-6622, or through MetroTix, 534-1111. For more information, call 935-6543.

Access to Justice • Chancellor's Concert • Cloning • Earth Week

"University Events" lists a portion of the activities taking place at Washington University through April 24. 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 April 23. 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.

"Master of Fine Arts Thesis Exhibition." April 16-28. Second-year graduate students exhibit their work. Gallery of Art. (Opening reception April 16, 5 p.m.) 935-5490.

Films

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.

Tuesday, April 20

4 p.m. Russian Film. "Kolya." (English subtitles). Room 219 Ridgley Hall. 935-5177.

Thursday, April 22

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

Friday, April 23

7 and 9:30 p.m. Filmboard Feature Series. "The Wedding Singer." (Also April 24, same times, and April 25, 7 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Midnight. Filmboard Midnight Series. "Fast Times at Ridgemont High." (Also April 24, same time, and April 25, 9:30 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Lectures

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.

10 a.m. Psychiatry Genetics Seminar Series. "The Genetics of Non-Syndromic Hearing Loss." Suzanne Leal, asst. prof., laboratory of statistical genetics,

Rockefeller U., N.Y. Schwarz Aud. First Floor Maternity Bldg. 747-0359.

11:45 a.m. Systems science and mathematics seminar. "Winner Determination in Combinatorial Auctions." Tuomas Sandholm, asst. prof. of computer science. Room 101 Cupples II Hall. 935-6001.

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, Va. Commonwealth U., Richmond. Brown Hall Lounge. 935-4909.

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.

4 p.m. School of Law Public Interest Law Speakers Series. "Race and the American Legal Process." Derrick Bell, lawyer, N.Y.U. Bryan Cave Moot Court Room, Anheuser-Busch Hall. 935-4958.

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. of 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.

Noon. Cell biology and physiology seminar. "Assembling the Presynaptic Junction of Central Nervous System Synapses." Craig C. Garner, U. of Ala., Birmingham. Room

426 McDonnell Medical Sciences Bldg. 747-2433.

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.

Monday, April 19

10 a.m. Center for Mental Health Services Research Brown Bag Series. "Juvenile Justice." James H. Williams, asst. prof. of social work. "School-based Services." Melissa Jonson-Reid, asst. prof. of social work. Room G38 Goldfarb Hall. 935-5687.

Noon-1 p.m. Molecular biology and pharmacology seminar. "Regulators of Synaptic Transmission in *C. Elegans*." Mike Nonet, asst. prof. of neurobiology. The Philip Needleman Library, Room 3907 South Bldg. 362-2725.

Noon-1 p.m. School of Social Work Brown Bag Seminar Series. "In-Law Resources, Parental Relationships and Distribution Within Marriage." Jere R. Behrman, U. of Pa. Room 300 Eliot Hall. 935-4918.

4 p.m. Biology lecture. 19th Annual Viktor Hamburger Lecture. "A Novel View of Neurulation in Amniotes." Nicole LeDourarin, dir., Institute for Cellular and Molecular Embryology, and prof., College of France, LaBelle, France. Room 215 Rebstock Hall. 935-6860.

4 p.m. Molecular biology and pharmacology special seminar. "Deregulation of the FGF Axis in Prostate Cancer Using Transgenic Models." Barbara A. Foster, cell biology dept., Baylor College of Medicine. The Philip Needleman Library, Room 3907 South Bldg. 362-2725.

6:30 p.m. School of Architecture Monday Night Lecture Series. Coral Courts Endowed Lecture. Raphael Vinoly, designer. Steinberg Hall Aud. (Reception 6 p.m., Givens Hall). 935-6200. See story on page 5.

Tuesday, April 20

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Structure/Function Relationships of Streptococcal Enterotoxins." Carleen Collins, assoc. prof. of microbiology, U. of Miami. Cori Aud., 4565 McKinley Ave. 362-7059.

12:10-12:55 p.m. Physical therapy research seminar. "Open- vs. Closed-chain PCR of

Frances Mayes giving Starbird lecture

Author and poet Frances Mayes will deliver the Women's Society Adele Starbird Lecture, titled "When the Moon is Hard, When the Moon is Tender: Finding the Rhythm of a Memoir," at 11 a.m. Wednesday, April 21, as part of the Assembly Series. The lecture is free and open to the public and will take place in Graham Chapel.

Mayes is the author of "Under the Tuscan Sun: At Home in Italy," her memoir of the laborious and rewarding experience of establishing a new home outside of Cortona, Italy. The book has been listed on The New York Times' bestseller list for more than two years. Mayes also has written books of poetry, including "Ex Voto," "The Book of Summer," "The Arts of Fire," "Sunday in

Another Country" and "Hours," as well as a college textbook titled "The Discovery of Poetry."

Her poems have appeared in Poetry, The Atlantic Monthly, Volt and New American Writing. Her autobiographical essays have been published in the American Poetry Review, the American Scholar and the Southern Review, and four have been selected as notable essays by Robert Atwan, editor of Best American Essays.

Mayes lives in Cortona and San Francisco. She is a professor of creative writing at San



Assembly Series

Who Author and poet Frances Mayes

Where Graham Chapel

When 11 a.m. Wednesday, April 21

Admission Free and open to the public

Francisco State University, where she has directed The Poetry Center and chaired the Department of Creative Writing. She is currently on sabbatical leave in Italy, working on a novel, a new nonfiction project and a book of poetry.

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

Acclaimed designer to give Coral Courts Lecture here

Award-winning New York designer Rafael Viñoly, FAIA, a member of the Japan Institute of Architects, will deliver the School of Architecture's first Coral Courts Endowed Lecture at 6:30 p.m. Monday, April 19, in Steinberg Hall Auditorium.

The Coral Courts Endowed Lecture is the result of a generous

gift from an anonymous donor who wished to strengthen the school's Monday Night Lecture Series, which the donor enjoyed as a student here. Renowned

Mexican architect Ricardo Legorreta will deliver the second Coral Courts Lecture in September.

Viñoly is an international designer of numerous civic, commercial and residential projects, including the Tokyo International Forum. He recently was selected as one of six finalists for the National World War II Memorial in Washington, D.C.

Born in Montevideo, Uruguay,

he completed his architecture studies at the Faculty of Architecture and Urbanism of the University of Buenos Aires, Argentina. Viñoly then formed Estudio de Arquitectura, which became one of the largest architectural practices in South America. His first design, a competition-winning project for the Argentine Industrial Association,

launched a career characterized by numerous juried commissions and architectural awards.

In 1978, Viñoly came to the United States as a guest lecturer

at Washington University. He settled permanently in New York in 1979, establishing an independent practice with offices in New York, Tokyo and Buenos Aires. His internationally renowned firm, Rafael Viñoly Architects, provides a wide array of architectural, interior design and urban planning services.

A 6 p.m. reception in Givens Hall will precede the lecture. For more information, call 935-6200.

Architecture Lecture

Who Rafael Viñoly

Where Steinberg Hall Auditorium

When 6:30 p.m. Monday, April 19

Admission Free and open to the public

the Knee." John Hollman, doctoral candidate. Classroom C Lower level, 4444 Forest Park Blvd. 286-1400.

Wednesday, April 21

8 a.m. Obstetrics and Gynecology Grand Rounds. "Are All Postmenopausal Women Estrogen Deficient?" Robert W. Rebar, prof. and dir. of obstetrics and gynecology, U. of Cincinnati College of Medicine. Clifton Aud., 4950 Children's Place. 362-3328.

11 a.m. Assembly Series Women's Society Adele Starbird Lecture. "When the Moon is Hard, When the Moon is Tender: Finding the Rhythm of a Memoir." Frances Mayes, author and prof. of creative writing, San Francisco State U. Graham Chapel. 935-5285. See story on page 4.

3:45 p.m. Physics colloquium. "Gamma Ray Bursts: GCN, 990123, and Bursts in General." Scott Barthelmy, NASA Laboratory, Greenbelt, Md. Room 204 Crow Hall (coffee 3:30 p.m., Room 241 Compton Hall). 935-6276.

4 p.m. Biochemistry and molecular biophysics seminar. "Molecular Dynamics of DNA: Structure Solvation and Conformational Transitions." David Beveridge, prof. of chemistry, Wesleyan U., Middletown, Conn. Cori Aud., 4565 McKinley Ave. (refreshments 3:45 p.m.). 362-0261.

6:15 p.m. Germanic languages and literatures lecture. "Ein Offnes Geheimnis — Uwe Johnson's Jahrestage und ihr Jüdischer Subtext." Thomas Schmidt, Georg-August U., Göttingen, Germany. Hurst Lounge, Duncker Hall. 935-5106.

7:30 p.m. School of Art painting slide lecture. George Korsmit, visiting artist. Steinberg Hall Aud. 935-8664 or 935-7497.

Thursday, April 22

11:35 a.m. Systems science and mathematics seminar. "Supply Contracts." Chung-Lun Li, assoc. prof. of management science. Room 101 Cupples II Hall. 935-6001.

Noon. Genetics seminar. "Exploring the Mechanism and Significance of Protein N-Myristoylation." Jeffrey I. Gordon,

Alumni Professor and head of molecular biology and pharmacology dept. Room 823 Genetics Library. 362-7072.

1:10 p.m. School of Social Work Lecture Series. "Entitlement Reform: Political Consequences for Graying Baby Boomers." Fernando Torres-Gil, prof., School of Public Policy and Social Research, U. of Calif. Brown Hall Lounge. 935-4909.

4 p.m. Cancer Center Seminar Series. "Programmed Cell Death in *C. Elegans*." Michael O. Hengartner, assoc. investigator, Cold Spring Harbor Laboratory, N.Y. Third Floor Aud., St. Louis Children's Hospital. 747-0359.

4 p.m. Chemistry seminar. "Super Molecules from Coordination Chemistry: Clusters by Design." Ken Raymond, prof., U. of Calif., Berkeley. Room 311 McMillen Lab (coffee 3:40 p.m.). 935-6530.

6:30 p.m. School of Architecture Forum for Contemporary Art lecture. Brad Chloepfl, Allied Works Architects, Portland, Ore., will lecture on his recent work. Steinberg Hall Aud. 935-4636.

7 p.m. Earth Week lecture. "Runaway Technologies." Samuel Epstein, prof. of occupational and environmental medicine, U. of Ill., Chicago. Room 100 Brown Hall (book signing 6 p.m.). 771-8576.

Friday, April 23

9:15 a.m. Pediatric Grand Rounds. The 12th Ben Abelson Memorial Lecture. "Chromosomal Translocations in Rhabdomyosarcoma: From Cloning Breakpoints to Clinical Practice." Frederic G. Barr, assoc. prof. of pathology and laboratory medicine and of pathology in pediatrics, U. of Pa. School of Medicine. Clifton Aud., 4950 Children's Place. 454-6006.

4 p.m. Music Lecture Series. "C.P.E. Bach's Resurrection Oratorio and Enlightenment Religion." Richard Will, asst. prof. of musicology. Room 102 Music Classroom Bldg. 935-5574.

Saturday, April 24

8:30 a.m. Midwest AIDS Training and Education Center and AIDS clinical trials

unit symposium. "Current Challenges in the Management of HIV: Update on Recent Advances." Cost: \$30; free to WU faculty and staff. Ritz-Carlton Hotel, 100 Carondelet Plaza, Clayton. To register, call 362-2418.

Music

Friday, April 16

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

Sunday, April 18

3 p.m. WU Symphony Orchestra and Chamber Choir concert. Ninth Annual Chancellor's Concert. Music of Handel, Dvořák and Verdi. Mary Wilson, soprano. St. Louis Symphony Music School, 560 Trinity Ave., University City. 935-4841.

Monday, April 19

7 p.m. WU Vocal Jazz Ensemble concert. "Jazz Standards Through the Century." Ross Bell, dir. Friedman Lounge, Wohl Center. 935-4841.

Tuesday, April 20

3 p.m. WU Jazz Band performance. Chris Becker, dir. Webster Groves High School Jazz Festival. Cost: \$5; \$3 for students. Webster Groves High School, 100 Selma Ave. 935-4841.

Wednesday, April 21

6 p.m. Singfest 1999. WU Chorus, Eric Anthony, dir.; Chamber Choir, John Stewart, dir.; Vocal Jazz Ensemble, Ross Bell, dir.; and Black Composers Repertory Chorus, Daniel DuMaine, dir. Graham Chapel (refreshments provided). 935-4841.

Thursday, April 22

8:30 p.m. Student recital. 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.

Sports

Sunday, April 18

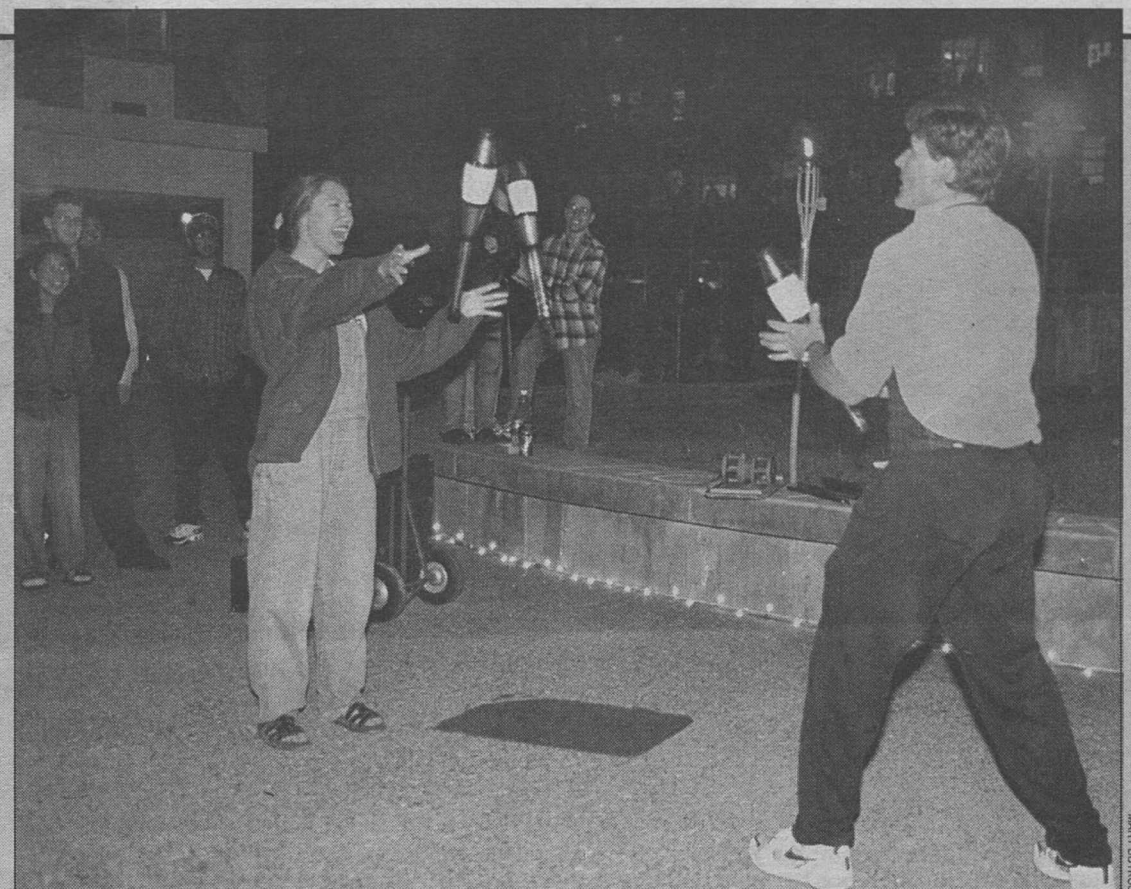
1 p.m. Men's baseball team vs. Rose-Hulman Institute. Kelly Field. 935-5220.

...And more

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.

6:30 p.m. Writing Center workshop. "Writing an Application Essay." Room 109 Eads Hall. To register, call 935-4981.



Juggling act Freshman Jane Koster (left) had her hands full as a volunteer juggler Friday, April 9, as part of Tierra del Fuego, a South 40 event billed as "a primal celebration of fire and dance." The event, which also featured cha-cha and merengue dancing lessons as well as a fire eater, was co-sponsored by the Shanedling, Dauten and Rutledge hall councils, the South 40 Programming Board and the Ballroom Dancing Club.

Saturday, April 17

11 a.m. - 8 p.m. Thurtene Carnival. "Imaginel" (Also April 18, same time). Skits, rides, food, fireworks and games. Parking lot at Millbrook and Skinker boulevards. 935-3054 or 935-8369. See story on page 6.

Monday, April 19

8:45 a.m. Earth Week event. "Get Mugged." Beverages for anyone with a recycling mug. At the underpass. (Also April 20 and 21, same time).

5 p.m. Earth Week event. "Trash Bash." South 40 recycling demonstration. In front of Wohl Center. 935-2067.

6 p.m. WU School of Medicine and BJC Hospital Foundation debate. "Cloning of Human Beings: Debating the Ethics." Evelyn Shuster, assoc. prof. of philosophy, U. of Pa., and George Annas, Edward R. Utley Professor and chair of the health law dept., Boston Univ. School of Medicine. Eric P. Newman Education Center (refreshments 5:30 p.m.). To register, call 362-6298.

Wednesday, April 21

7 p.m. Earth Week event. Coffeehouse. Bring your recycling mug for coffee and snacks. Gargoyles. 935-2067.

Thursday, April 22

6:30 p.m. Writing Center workshop. "Writing Essay Exams." Room 109 Eads Hall. To register, call 935-4981.

Friday, April 23

8 a.m. Office of Continuing Medical Education seminar. "Oncology in the New Millennium." (Also April 24, same time). Eric P. Newman Education Center. To register, call 362-6891.

4 p.m. School of Architecture all-school meeting. Dean Cynthia Weese and faculty. Steinberg Hall Aud. 935-4636.

7 p.m. Earth Week panel discussion and workshop. "Safe Food, Food for All." Visiting environmental advocates. Room 149 McMillan Hall. 771-8576.

Saturday, April 24

10 a.m. Earth Week event. "Ogoni Cultural Celebration." Brookings Quadrangle. 771-8576.

11 a.m. Earth Week panel discussion and workshop. "Breaking the Stranglehold of Fossil Fuels." Visiting environmental advocates. Cupples I Hall. 771-8576.

Noon. Earth Week panel discussion. "Chip Mills, Lead Mining and Other Threats to Ozark Forests." Tom Kruzen, Sierra Club. Cupples I Hall. 771-8576.

1 p.m. Earth Week workshop. "Creating Alternative Media." Mark Quercus, editor, and Louise McKeel, television producer. Cupples I Hall. 771-8576.

2 p.m. Earth Week panel discussion. "Animal Rights." Judith Reitman, author, and Marshall Smith, St. Louis Animal Rights Team. Cupples I Hall. 771-8576.

3 p.m. Earth Week workshop. "Planning Earth Day 2000." Cupples I Hall. 771-8576.

4 p.m. Earth Week workshop. "Health Care for All: The Single Payer Approach." Activists Clara Faatz and Myrna Fichtebaum. Cupples I Hall. 771-8576.

Sports Section

Men's tennis wins

The men's tennis team extended its season-best winning streak to 11 matches with a 7-0 victory April 6 over Principia College. Three players (senior Arun Nanjappa at 13-2 and freshman Pat Doyle at 14-1) boast more than 10 singles victories on the season. The squad faces its stiffest tests of the season this week with matches at Kalamazoo College (Saturday, April 17) and DePauw University (Sunday, April 18).

Women's tennis 13-2

The women's tennis team improved its record to 13-2 on the year with wins over Wheaton College (Ill.), 7-2, and Illinois Wesleyan University, 9-0, on

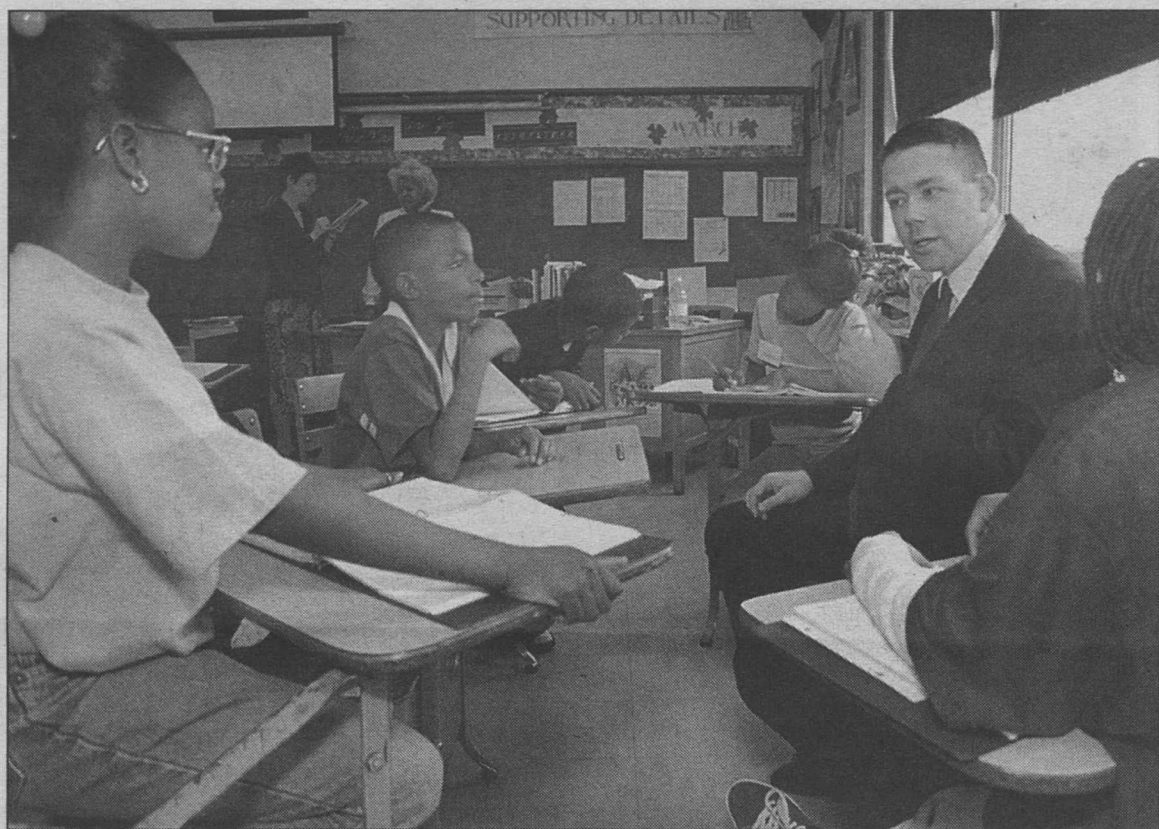
Saturday, April 10. Sophomore Keli Leaf posted a win at No. 6 singles and teamed with Robin Behrstock for a victory at No. 3 doubles in the win over Wheaton. Freshman Kat Copiozo also posted two singles wins and two doubles wins, prevailing at No. 4 singles against Wheaton and at No. 2 singles against Illinois Wesleyan. Copiozo and fellow freshman Katie Abrams, who won twice at No. 1 singles, ran their record together at No. 2 doubles to 8-0 with two victories. Sophomore Nandini Chaturvedula won once at No. 2 singles and teamed with senior Priya Vajani to win twice at No. 1 doubles. Sophomore Laura Marx was 2-0 on the day with singles and doubles wins against Illinois Wesleyan.

Runners solid at meet

The men's and women's track teams both posted solid finishes at the Washington University Invitational Saturday, April 10. The women scored 77 points to take fifth place in the 21-team field. Senior Eileen McAllister won the 1,500 meters in a time of 4 minutes, 41.11 seconds, good for a provisional qualification to next month's NCAA championships. Sophomore Natasha Richmond shattered the school mark with a toss of 133 feet in winning the hammer throw. The men, who scored 48.5 points to take second in the 20-team meet, were led by senior David Cerven. He took second in the triple jump with 46 feet, 1.25 inches — good enough for a provisional qualification to the NCAA championships.

Baseball's streak ends

Slowed a bit by losses in three of four weekend games, the baseball team still is cementing one of the best seasons in school history. The team (23-9) won five of eight games last week to post the third-highest win total in 53 years of Washington U. baseball. Washington U. slugged as many home runs last week (11) as it did during all of 1998. The Bears, who have homered at least once in 10 consecutive games, saw three players—Kevin Lux and Ryan Mason with three each and Mark Bruggeman with a pair— increase their home run total to 24 on the season. Senior pitcher Kevin Kuntz improved to 7-0 early in the week with a 5-0 win over Maryville.



First-year law student Christopher Schwarz helps Columbia Elementary School fifth-graders create a skit to illustrate the difference between burglary and robbery. The youngsters are (from left): Weslie Everett, Joshua Polk, Corey Craig and Alexis Williams.

Law

Program boosts youngsters' reading, thinking skills

— from page 1

examples, illustrations and skits, the material is designed to be hands-on. After discussing false advertising, for example, the fifth-graders learned about complaint letters. After mastering principles related to trials, they held a mock trial focusing on the children's story "Jack and the Beanstalk."

Sandra Williams, who teaches one of the fifth-grade classes at Columbia, said the program has increased her students' knowledge of the law and boosted their vocabulary, reading and critical thinking skills. "It's a really good program because it helps them understand the law better and touches on things they may see in their neighborhoods," she said. "It is more in depth than what we would cover in the social studies or government curriculum."

First-year law student Christopher Schwarz said the students have responded well to the program's focus on the application of the law. "The students are really interested and attentive," he said. "We talk about how the law affects their lives. It brings home what we, as law students, have been reading about in our law books."

First-year law student Stephanie Griffin shared Schwarz's enthusiasm. "It makes my day," she said. "These kids are so smart and they really relate to the material. They have complicated questions that really challenge me."

Fifth-grader Lesley Adams, 11, said she enjoys following along in the workbooks and performing the skits designed to help students better understand the legal concepts. "It's interesting. We learn something different every time," she observed. "We started

with rules and laws, and today, we learned about burglary and robbery. The law students make it easy to understand."

Fifth-grader Alexis Williams, 10, said the course has helped her better understand why not to commit crimes. "The law taught me that if I commit a robbery, do drugs or sell my body on the street, I would look forward to paying the penalty," she said. "The law students have made me feel like they care about us and want us to do the right thing in the future."

United Way

'Successful team effort' raises record amount

— from page 1

exhibited in bringing about such a great success for our community."

Prenatt said a combination of high-energy chairpersons on the University's three campuses and imaginative fundraising techniques came together in a "very successful team effort" for the United Way. Across the campuses, departments and offices held raffles of donated items, barbecues, garage sales, rallies and kick-off events encouraging employees to contribute.

"We also placed the focus on the idea that we help one another

through the United Way," Prenatt added. She said people throughout the University community have personal experiences of help they've received through United Way agencies, for a child, a parent, a friend. "So when we give," she observed, "we're supporting one another." The University's slogan for the 1998 campaign — "The United Way: The best way to care for someone you know" — built on this theme.

Prenatt said most of the contributions came in the form of payroll deductions, though there were also some substantial one-time gifts.

Prenatt's co-chairs were Blanche Johnson on the Hilltop Campus, Paul Anderson and Karen Siefert on the Medical Campus and Jeannine Bogacki and Jeff Cooper on West Campus.

Thurtene!

Nation's oldest student-run carnival set for April 17, 18

Funnel cakes, facades and the Phi Delt movie. Throw in a Ferris Wheel and fun and you've got the main ingredients for the unique Washington University recipe known as Thurtene Carnival.

More than 100,000 people are expected at this year's event, which continues the tradition of the nation's oldest and longest-running student-run carnival. It will be held from 11 a.m. to 8 p.m. Saturday and Sunday, April 17 and 18, on the campus parking lot at Millbrook and Skinker boulevards. There is no admission fee, although tickets will be sold for the rides. The theme for the event is "Imagine!"

Popular traditions of Thurtene Carnival will continue, including the presence of nine facades, scenic walls from which students will perform skits; 14 major rides, including five kiddie rides; a spread of food ranging from ethnic edibles to chocolate-covered bananas; and more than 15 game booths.

The net proceeds generated by Thurtene, the University's junior honorary, will go to benefit Children's Home Society of Missouri (CHSM), a United Way-approved residential home for children with severe developmental and physical disabilities. More than 100 years old, CHSM offers complete care for both residential and respite care children.

More than 40 sororities, fraternities and student groups have purchased carnival lot spaces where, beginning Monday, April 13, they began building the facades as well as the food and game booths.

The week leading up to the

carnival (known as "Lot Week" by the participants) has been declared "Thurtene Carnival Week" by the State of Missouri.

Highlights of the carnival include a 15-minute fireworks show, best viewed near Brookings Hall west of the parking lot at 8 p.m. Saturday, April 17, and live radio broadcasts by The River 101.1 FM personalities, who will have a booth at the carnival both days.

As always, the Thurtene honorary will present awards for the best performance at a facade, the best food and the best game booth — as well as the coveted Burmeister Cup for best overall participation in the carnival.

Thurtene was founded in 1904. Members are chosen on the basis of outstanding leadership, character and participation in campus activities.

Members of Thurtene, along with their responsibilities, are: Jason Wickes, president; Andrew Kopans and Erin Pastrovich, vice presidents; Michael Gallo, treasurer; John Ashcraft, external business; Matthew Blonder, internal business; Stephanie Baker, charity/alumni; Brian Drab and Alia Fischer, construction/electrical; Zack Shankman and Allison Willis, public relations; and Katherine Beckmann and Rachel Colodny, security. Jim Burmeister, director of special services in the Office of Public Affairs, is the group's adviser.

For more information, call Zack Shankman at 935-3054 or Allison Willis at 935-8369, or send email to thurtene@rescomp.wustl.edu. Additional information can be found online at www.thurtene.org.

Campus Watch

The following incidents were reported to University Police from April 5-11. 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.

April 5

3:14 p.m. — A staff member reported that someone stole a VCR, valued at \$315, from a secured closet at Cupples II Hall.

April 7

9:36 p.m. — A visitor reported that someone stole her purse, containing credit cards, a cellular phone and personal identification, valued at \$433, from Center Court, Wohl Center.

April 11

1:55 a.m. — University Police responded to a disturbance on Fraternity Row in which members of Fraternity No. 1 were hit with paintballs from members of Fraternity No. 2.

University Police also responded to two additional reports of theft, two additional disturbances, three reports of vandalism, two suspicious persons reports, two fires, one chemical spill and one burglary report.

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

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

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

Research Assistant/Project Coordinator 990234

Assistant Accountant 990235

Administrative Assistant II 990236

Administrative Assistant 990237

Loan Coordinator 990240

Researcher 990242

Administrative Assistant 990243

Gift Accountant 990244

Technical Secretary 990245

Mail Carrier 990246

Benefits Processor 990248

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

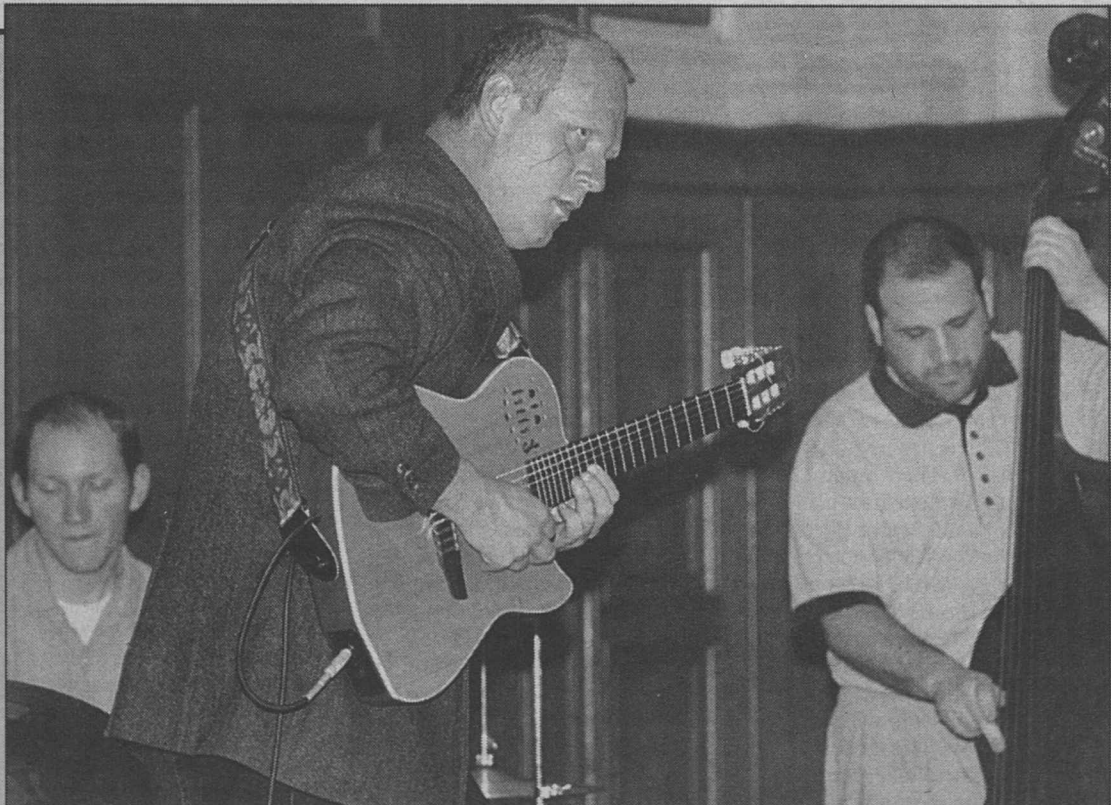
Grant Assistant-II 991093

Programmer Analyst I 991130

Surgical Assistant - Animal 991157

Grants/Budget Specialist 991242

Senior Programmer Analyst 991306



Jazzin' it up The Dave Black Jazz Trio performed April 1 as part of the Holmes Jazz Series, which presents free jazz concerts at 8:30 p.m. Thursdays in Holmes Lounge. The series, which will resume its regular schedule over the summer, is sponsored by the College of Arts and Sciences, the Department of Music, the Office of Student Affairs and Campus Life. Pictured are Dave Black, guitar; Kyle Hunicutt, drums; and Eric Markowitz, bass.

Notables

Student Mary Wilson is Metropolitan Opera finalist

By LIAM OTTEN

Soprano Mary Wilson, a vocal performance graduate student in the Department of Music in Arts and Sciences, was a finalist at the Metropolitan Opera's National Grand Finals, held Sunday, April 11, in New York City. Wilson was one of only 11 vocalists from across the United States to reach the final round.

The competition was held at the Metropolitan Opera House at Lincoln Center and broadcast nationwide on the Metropolitan Opera Radio Network. Each singer performed two arias and was accompanied by the Metropolitan Opera Orchestra. As a finalist, Wilson received \$5,000 in prize money.

"Mary is one of the most musically gifted students we've ever had," said Jolly Stewart, director of the

Washington University Opera, who recently directed Wilson in Lee Hoiby's "Summer and Smoke." "She's very easy to praise because she's a terrific woman and wonderful to work with, easy to direct. She can take anything you give her and make it her own, which is the mark of a true artist."

"Mary has a number of things going for her," added John Stewart, director of vocal activities. "She has a fine voice and a warmth that reaches out over the floodlights. But what really separates her from the competition is that she has a way with a phrase that is all her own. She feels the music directly."

The road to the National Grand Finals began with 67 local competitions, which in turn led to 17 regional competitions. Wilson won the St. Louis-area competition and then beat out singers from Missouri, Kansas and Oklahoma to

take the top prize at the Midwest Regional Auditions, held March 20 in Kansas City. Twenty-five regional winners (several regions had ties) then advanced to the National Council semifinals.

The semifinalists traveled to New York and spent one week working with the Metropolitan's vocal coaches, including Maestro Eduardo Müller, before competing April 4. The 11 singers who advanced to the National Grand Finals continued to train during the week leading up to the final.

While the winners of the National Grand Final receive no guarantee of performing with the Metropolitan Opera, an opera official estimated that perhaps 30 to 40 percent of their current singers were either winners or semifinalists in the National Council Auditions.

The National Council Auditions were founded in New York in 1952 and expanded in 1954 to include preliminary rounds across the country. Some of the best-known American opera singers have competed in the auditions.

Wilson, a native of Minneapolis, is the 1998-99 recipient of Washington University's Sanford and Priscilla McDonnell Scholarship. She also has received the St. Louis Bach Society's Young Artist Award in each of the last two years. In May, she will compete as a finalist in the Poulenc Festival in New York.



Wilson: Competes in Met's grand finals

"She can take anything you give her and make it her own, which is the mark of a true artist."

JOLLY STEWART



Inspiration on tap Overcoming obstacles and realizing one's potential were the topics April 7 when 19 ninth- and 10th-graders from high schools in some of the area's disadvantaged communities visited campus to meet and talk with minority students here, including senior engineering student Derek Brooks (left). Project Empowerment is the creation of senior Khara Coleman, an admissions intern from New Orleans. It seeks to provide motivation and hope to young high schoolers who might not be working to their full potential.

Jan Weller named as head network coordinator

Jan Weller has been appointed director of the Office of the Network Coordinator effective April 5, announced Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences.

Weller will lead the design of the core backbone network that connects schools to each other and the Internet. She also will oversee the Office of Residential Computing, which provides networking and computing facilities in student housing, and the Software Library, which provides hardware and software programs.

In addition, she will provide

technical leadership for the University and coordinate network-related activities such as management, network operations, addressing security, auditing and appropriate use.

Weller spent the past 15 years at the University of Kansas, the most recent five of them as director of networking and telecommunications services. Prior to that she served five years each as director of telecommunications and assistant director for computing services. She is an active member of the Association for Telecommunications Professionals in Higher Education and serves as chairper-

son of the association's marketing committee.

Weller earned a bachelor's degree in personnel administration from the University of Kansas.

"The search committee chaired by Jerry Cox did a great job of searching nationally for an excellent person," Macias said. "Jan has experience at the University of Kansas that will be valuable here. This is an extremely important job because the network has become a fundamental part of how students and faculty work, and we're delighted to have someone who can help keep us moving the network forward."

Campus Authors

Fatemeh Keshavarz, Ph.D., associate professor of Persian languages and literatures in Arts and Sciences

Reading Mystical Lyric: The Case of Jalal al-Din Rumi

(University of South Carolina Press, 1998)

Jalal al-Din Rumi, a towering figure in the Persian-speaking world, is currently the most widely published poet in English translation. Yet despite the popularity of his verse, the majority of scholarship on his work focuses not on Rumi's poetry but on his contributions as a mystic. Fatemeh Keshavarz's pioneering study is the first extensive critical examination of this vast, dynamic body of literature. Through close readings of the Divan, his collection of more than 35,000 lyric verses, she explores Rumi's extraordinary popular and critical literary success.

Rather than simply catalogue the images and concepts used by Rumi, Keshavarz employs a new critical approach that she describes as "observing the poems in action." This approach, based equally on classical Persian sources and on modern Western critical thought, demonstrates

how the poet's use of paradox, manipulation of silence, innovation in rhythm, and experimentation with imagery result in a literary enactment of love rather than a mere portrayal of it.

Throughout the study Keshavarz underscores the fact that while Rumi the compelling mystic and composer of didactic works has been well studied, the creative genius and writer of colorful lyrics has remained unrecognized and overshadowed. By emphasizing the playful ambience and childlike freshness of his verse, she invites the reader to join in his whirling of words and to behold an entirely new face of the beloved poet.

(Text from cover jacket.)



Keshavarz: Explores Rumi's poetry

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).

Robert Pollak receives Guggenheim Fellowship Studies family decision making and bargaining

Robert A. Pollak, Ph.D., the Hernreich Distinguished Professor of Economics in Arts and Sciences and the John M. Olin School of Business, has been awarded a fellowship from the John Simon Guggenheim Memorial Foundation.

"We are delighted that Bob Pollak has been awarded the prestigious Guggenheim Fellowship," said Chancellor Mark S. Wrighton. "This is an exceptional honor. His findings can contribute greatly to society, and the ascent of the University rests on the abilities and industry of such talented faculty."

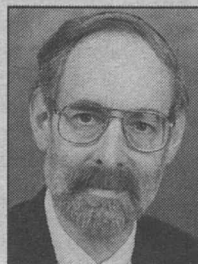
The fellowship, which will run from Sept. 1, 1999, through May 31, 2000, is based on Pollak's proposal to co-author a book on family decision making and family bargaining. The book, to be written by Pollak and Shelly Lundberg, Ph.D., professor of economics, University of Washington in Seattle, will analyze not only conflict and cooperation between spouses but also intergenerational interactions between parents and adolescent and young adult children, and between elderly parents and adult children. Their

analysis will be based on a family bargaining model which focuses on how individuals' control of resources and the alternatives available to family members affect allocation within families. The book will be written to reach not only economists, but also sociologists, psychologists, anthropologists and other social scientists interested in the functioning of families.

Guggenheim Fellowships are awarded to those who have already demonstrated exceptional capacity for productive scholarship or exceptional creative ability in the arts. They apply to all fields except the performing arts. This year, the foundation received almost

2,800 applications and awarded 179 United States and Canadian fellowships for a total of \$6,062,000.

During his appointment, Pollak will teach a portion of a graduate theory course at Washington University and will continue to co-chair the interdisciplinary Network on the Family and Economy, funded by a grant to the University from the John D. and Catherine T. MacArthur Foundation.



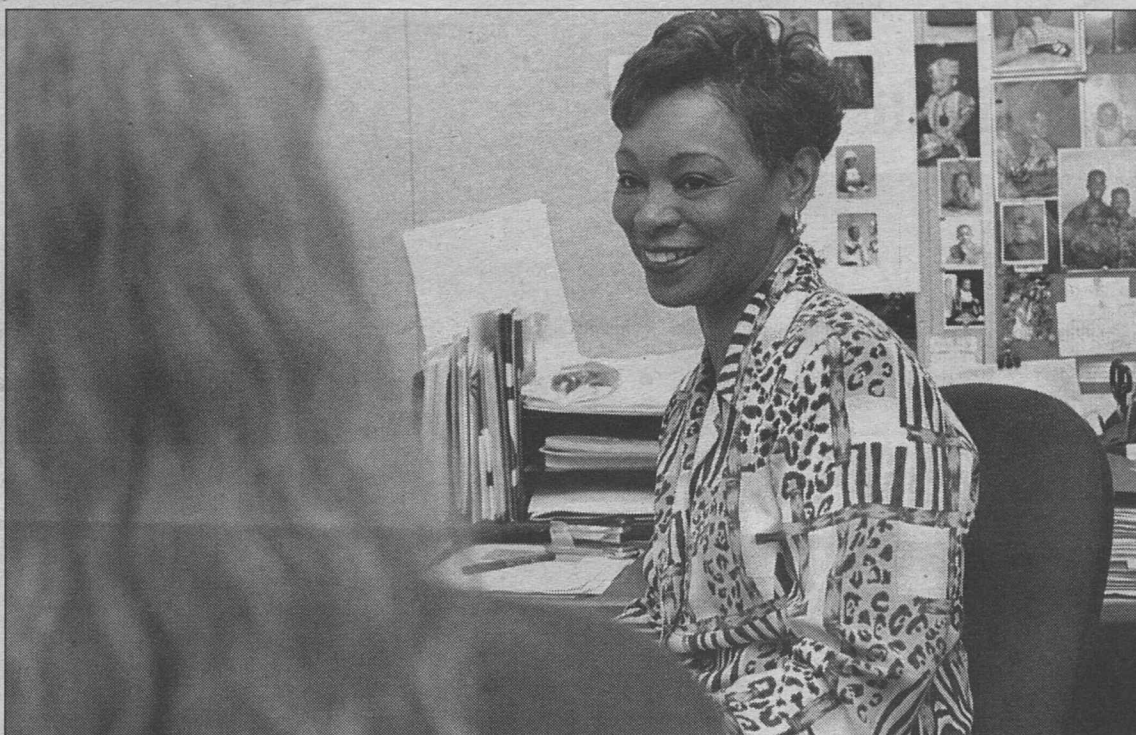
Pollak: Research focuses on families

In the past, Pollak's research has been funded by the National Science Foundation, the National Institutes of Health and the Rockefeller Foundation. The author of three books and more than 70 articles, he has served on the editorial boards of five journals and is adviser in economics to Oxford University Press. He is a member of Phi Beta Kappa and a fellow of the Econometric Society and the American Association for the Advancement of Science.

After receiving a doctoral degree from the Massachusetts Institute of Technology, Pollak joined the faculty of the University of Pennsylvania, where he taught for 26 years. In 1990 he joined the faculty of the University of Washington, and in 1995 he came to Washington University.

The Guggenheim Foundation, based in New York City, was established in 1925 by U.S. Sen. Simon Guggenheim and his wife, in memory of and named for their son who died in 1922 just after completing his preparation for college. They expressed their desire, in memory of him, "to add to the educational, literary, artistic and scientific power of this country, and also to provide for the cause of better international understanding."

Washington People



"She is a good friend to have in the department and in our lives," said doctoral student Kimberly Slavis (left) of Julia Hamilton, a 29-year veteran of the Department of Physics in Arts and Sciences. Behind Hamilton are photos of her families — at home and at work.

Veteran staffer smooths road for students

Julia Hamilton, grandmother to four, is "mother" to countless graduate students

By SUSAN KILLENBERG

She's affectionately called "mom" by some graduate students. Faculty describe her as a mother hen or den mother to the students. Two of her favorite pastimes are singing in her church choir and spending time with her grandchildren.

She remembers the "dark ages" when course schedules were copied on ditto machines — Xeroxes hadn't been invented yet.

Have a picture of this grandmother of four? Change it.

Even though Julia Hamilton has worked in the Department of Physics in Arts and Sciences for more than a quarter of a century — actually, for more than half her life — many meeting her for the first time find it hard to believe that she has children older than most of the graduate students she nurtures on a daily basis.

And while she does have a motherly reputation, she is the same person who won the Halloween costume contest in Wohl Center a few years ago dressed as a devil. (In other years, she's been a character from the musical "Cats," Morticia from the "Addams Family" and a one-eyed pirate.)

After a stressful week, she can be seen out on the town on a Friday night dancing with her girlfriends, or roller skating at a local rink on Saturday mornings.

Oh — and her fitness routine includes dumbbell squats with 20 pound weights and leg lifts with 30 pounds.

Hired at 21

Hamilton was 21 when she joined the physics department in 1969 as a microscopist in the cosmic ray research group. Describing her younger self as shy and timid, she recalled (after she moved on to the department's front office as a secretary) being asked to get University Trustees out of their meetings in Compton Hall to take phone calls. "I would be so embarrassed," she said. "I thought, 'I can't do that; I'm not going in there.' I would send someone else to go get them."

Today, she's not at all afraid to speak up. Actually, it's her openness

and her forthrightness that endear her to so many current and former physics graduate students and faculty.

An administrative assistant since 1987, Hamilton was given the additional position of graduate studies secretary in 1995, a role that often makes her one of the first department members new or prospective graduate students talk to and meet. She also is the person they eventually come to depend on to keep them on track toward their degrees. Not only does she provide them with unfailing kindness and support, but she also is credited often with helping build their confidence.

"Julia was the person I talked to over the phone who actually convinced me to come here," said James Ramsey, a doctoral candidate in physics.

And how did she do that?

"Like a mother. She told me

'You need to come here; it's just that simple.'

"At the time,"

Ramsey recalled,

"I was considering another university. But she was so enthusiastic about the program and the faculty, and in a very kind way, demanded that this was the place I should be. That, along with

Washington U.'s reputation, became a major factor in my decision to come here and pursue an advanced degree."

And she's still pushing Ramsey,

who expects to receive his doctorate later this year. "She e-mails me and lets me know if she doesn't have a form I should have filled out," he said. "And if she feels like I am not working hard enough, she gives me motherly words of advice and pushes me to finish. She's been a great motivator and has given me the confidence that 'you can do this.' I think that most definitely she has been an asset to my

career and my life by helping me to accomplish my academic goals as well as by having a mother away from home."

Hamilton was hired more than 29 years ago by Michael W. Friedlander, Ph.D., professor of physics, to examine photographic plates that had been aboard high-altitude balloons collecting data on cosmic particles entering the earth's atmosphere. Hamilton and the other microscopists in Friedlander's lab would scan the plates and record the tracks of the cosmic particles.

When that research project was phased out, Hamilton joined the department's office staff. As one of the longest-term staff members in the department, she provides continuity and stability that many — including two chairs — have found invaluable.

She was a secretary to former chair Richard E. Norberg, Ph.D., for some 15 years, and for the past eight years, she's been secretary to current chair Clifford M. Will, Ph.D.

"Julia is really kind of the backbone of the department," Will said. "She's the institutional memory in many different areas. She's the person you go to and say 'why do we do this' and 'why do we do it this way?' At a time when a lot of departments see people come and go, she's been around such a long time. It's really sort of amazing."

"But apart from that, she is just a delight to work with," Will continued. "Besides being a very responsible employee, she's one whom the students really rely on to advise them and to mother them to some degree. You frequently find a graduate student sitting in the corner with her just chatting about what's going on or discussing problems or difficulties, whether personal or institutional. She is just a friendly person whom people can easily talk to."

Described by Will as the "central hub" of the graduate program, Hamilton makes sure students are progressing toward their doctorates. From questions about what courses are required for the degree to how to apply for a grant proposal to what paper-work needs to be filled out and by when, students turn to Hamilton.

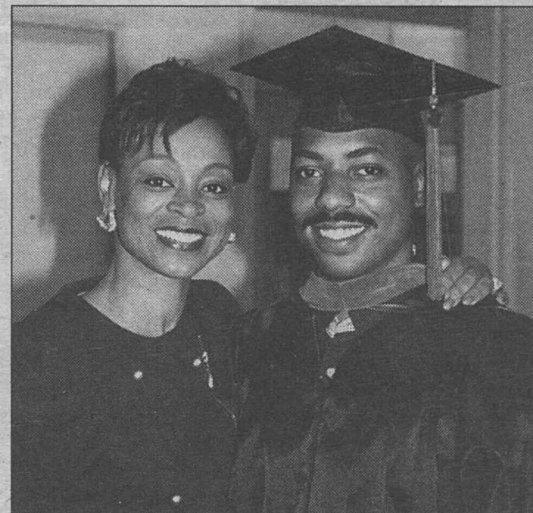
"Julia is our first contact as frantic graduate applicants, and she calmly guides us through graduate school, from the admissions process to the end of our graduate student careers," said Kimberly Slavis, a doctoral candidate.

Hamilton downplays what she does for the students. "Basically what I have done is to try and help them along and to just be a friend to them because that is really all they need," she said. "You're there for them, to listen to them, and if I can offer some advice or suggest somewhere to go or tell them who is the best person to talk to in a situation, that's what I have done, for any and all of them."

For Ramsey, Hamilton's "being there" meant picking him up at the train station when he arrived in St. Louis to start graduate school. It also meant putting him up in her home for a week until he could find a place to stay and letting him use her car. And having him over for Sunday dinners and holidays when he couldn't go home to his family in Washington, D.C.

Natalie Adolphi, who received a doctorate in 1995 and is now a professor of physics at Knox College in Galesburg, Ill., found out early on how critical Hamilton was to her success in the program.

"Julia was the first person I met in the department when I arrived



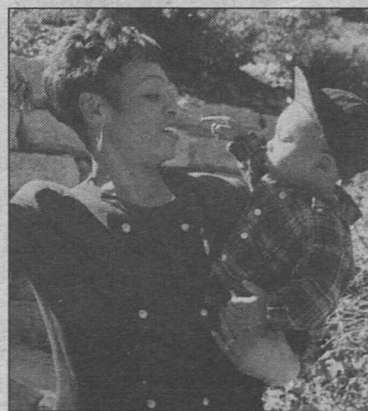
... as mentor, friend and WU mom to many, including doctoral candidate James Ramsey.

in 1989," Adolphi said. "I popped my head in the office door to ask when orientation workshops were starting the next day. Julia said, 'Are you Natalie? You're late. Get up there.' I had written down the wrong date for the start of graduate school! Julia quickly got me straightened out."

"We were friends from the minute I got there," continued Adolphi, who said Hamilton is the first person she usually visits when she returns to campus.

Whether running to Hamilton when Adolphi found her first gray hair, or discussing the conflict she felt in choosing "to do science all the time" — she had a double major in English and physics as an undergrad — or talking about boyfriend problems, Hamilton was always a good sounding board.

"The road would have been much rockier without her," added Ramsey, who expects Hamilton, her daughter and two sons — his "second family" — to be in the audience when he graduates. "I think she was able to smooth a lot of rough edges along the way for me. I think that any student would benefit from having such an interactive relationship with Ms. Hamilton. I mean, she is just wonderful."



... as grandmother, with grandson, Lamonte ...



Julia Hamilton as pirate ...