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Record

Feb. 25, 1999

Volume 23 No. 22



Washington University in St. Louis



Flambé With spectators admiring from a respectful distance, a member of the Hawaiian Polynesian Revue performs a fire dance at the International Coffeehouse Feb. 17 at the Gargoyle. The event was part of the Campus Y's Cultural Celebration 1999.

Goal of \$35,000 set for A&E drive

By LIAM OTTEN

Picture, for a moment, a world without art. What are you left with? Worldwide wrestling? Monster truck rallies? Vanilla Ice?

It's a terrifying image, a body without a soul, a marriage without love. Fortunately for us, St. Louis has more than its share of great culture, from music to dance to theater, poetry and painting. But without the support of its residents, the region could someday find that these riches have quietly atrophied and disappeared.

To help keep the arts alive and thriving, Washington University encourages its employees to support the annual fund drive of the Arts and Education Council of Greater St. Louis (A&E), now in its 36th year. A&E, which provides funding and support for numerous local arts organizations, needs the support of the

University, noted Chancellor Mark S. Wrighton, who has set a goal for the University community to raise \$35,000.

"We all know what the arts do to make our world a richer place," Wrighton said in a letter to University employees. "Music, theater, dance and the visual arts all help us to see our own world in new ways ... I hope that we will once again be able to make a significant contribution demonstrating our commitment to the importance of the arts in our region."

Faculty and staff received Wrighton's letter earlier this week, along with a package of information about the fund drive and a pledge card that explains the benefits to those who contribute and how the contributions are used.



A&E does not receive public funds or government grants. Rather, the organization solicits donations from local individuals and institutions. It uses this revenue to help fund some of the area's major arts institutions and to underwrite grants to nearly 150 other arts organizations. A&E also is instrumental in supporting educational outreach programs designed to bring first-class performances and entertainment to children and senior citizens who otherwise might not be served.

"Despite what many of our politicians tell us, the arts are not a luxury for a civilized society — they are an absolute necessity," said Henry I. Schvey, Ph.D., professor and chair of the Performing Arts Department in Arts and Sciences, who heads the fund drive. "In an age when values are increasingly shaped by inanimate things, it is live performance by musicians, dancers

See A&E, page 6

Making a difference

Alternative Spring Break offers service trips in U.S. and abroad

By DAVID MOESSNER

"Hostel" was part of the plan. "Hostile" wasn't. "The U.S. Embassy in Prague just closed!" said sophomore Eric Scroggins with equal parts esprit and concern as he bounded into the Campus Y late last week.

Contingent upon world events, Scroggins hopes to lead a delegation of 11 University students to Czechoslovakia Feb. 26 through March 6 as part of the Campus Y's Alternative Spring Break program. The group intends to work with the Missionaries of Charity — Mother Theresa's volunteers — aiding the sick and the homeless. Home that week for the students will be a rudimentary hostel.

If they can navigate their way there, that is. The recent arrest of Kurdish rebel leader Abdullah Ocalan has triggered violent demonstrations throughout Europe and the Middle East. As events unfold, Scroggins and the Campus Y are keeping an eye on alternative destinations, including Budapest and Amsterdam.

Daytona Beach is not on the list.

Such is the mindset of 60-some University students who will travel the globe on six separate service trips this week. The emphasis is on helping, not

hellraising. In addition to the Prague sojourn, the locales include:

- Belize City, Belize, to help tutor children in an afterschool YMCA program;
- New Mexico, to work at a school for disabled Navajo children;
- Oklahoma City and Rollins, Tenn., to build houses with Habitat for Humanity; and
- Tijuana, Mexico, to help renovate a family sports facility while residing at a center for runaway youths.

"No one believes me when I say we're actually going to be doing community service in Tijuana," said sophomore Amy Tarrell, the trip's program leader. "They think we're going to bars! But once I convince them that we're actually going to work, they think it's pretty neat."

Spring break stereotypes notwithstanding, many college students are seeking more than sun and suds, said Dennis Trask, director of the Campus Y.

"I think what you see on MTV for spring break is certainly a slice of life," Trask said. "But that's not the entire pie. It's very easy for people to make assumptions about any population — whether it be an ethnic group or senior citizens or college students."

See Break, page 2

Staff heroes

Gloria W. White Award nominations sought

Nominations are being sought for the Gloria W. White Distinguished Service Award, which recognizes a staff member for exceptional effort and contributions that result in the betterment of Washington University.

The annual honor, first awarded last year, was named for White, who retired in 1997 as vice chancellor for human resources after 30 years at the University.

"Our ability to offer superior education, to achieve path-breaking research and to expand

and improve the direct services we offer is due in large measure to the dedicated support of our staff," Chancellor Mark S. Wrighton said. "This award provides us an opportunity to publicly recognize our staff members and acknowledge their effort and contribution."

While exceptional effort and contribution can be described in many ways, those making nominations for this award are asked to consider actions that:

- strengthen our ability to
- See Award, page 6

Students tackle vexing diversity issues

By DAVID MOESSNER

Wigger. Chigger. Incognegro. Banana. Whitewash.

The hurtful labels — among those offered up as derogatory slurs toward members of various racial groups who "act white" — elicited a mix of wincing squirms, nervous-reflex smiles and jaw-tightened groans.

Reacting and interacting was a group of about 50 students attending "Oreos, Twinkies and Coconuts: Sold Out?" — a Feb. 16 forum on the University's South 40 sponsored by Students Taking

On Multicultural Pursuits (STOMP).

The provocative title was defined up front. Oreos — black on the outside, white on the inside — is aimed at African Americans. Twinkies and coconuts are similarly assigned, respectively, to Asian and Hispanic Americans. The "Sold Out?" query and the subtitle, "Racial Identity vs. Individual Identity," launched a discussion about the prejudicial tug-of-war that can occur, even within one's own race.

"I have been called a 'banana'

by people who automatically assumed I could speak Chinese and then found out that I can't at all," said STOMP co-chair Sylvia Lin, relaying a high school incident where a fellow Asian-American student casually addressed her in Mandarin.

"When I told her that I didn't have a clue what she was saying, she got really upset and told me I was selling out my culture, that I was losing part of my heritage," Lin recalled. "Immediately she turned to one of her friends who did speak Chinese and started

See Diversity, page 7



Members of Students of Color Photo Opportunity Inc. offer to mug for any university seeking to "add color to your brochures." Actually, the biting spoof was performed by Sapna Ravi (left), Donger Hwang, Cheveda Fergerson and Chris Thorson of the Cultural Diversity Players troupe at the Feb. 16 forum on racial stereotypes.

CAROL HOUSE



Student volunteers from the Campus Y's Alternative Spring Break program teamed with Habitat for Humanity to help build this home last year in Clarksdale, Miss. Next week, 20 University students will lend a hand in two Habitat projects, one in Oklahoma City and one in Rollins, Tenn.

Break

Students plan, implement variety of service trips

— from page 1

Usually, those assumptions are not altogether true. And this is one of those cases. There are a fair number of undergraduates who are very interested in doing community work.

Indeed, students have responded so favorably that it has necessitated an application and selection process. A year ago, the acceptance rate — mandated by available slots — was just 30 percent. And, in addition to those involved in the various Alternative Spring Break trips, which started formally in the mid-1980s, another 20-plus students take part in Urban Plunge, a 1996-initiated program timed during winter break.

The trips are not merely one-week endeavors. "Students get to create their own service trip,"

Trask said. "They choose the site, they select the volunteers, they raise the money and they figure out how to connect this with their academic experience."

Since their selection in late September, participants have met with their respective groups once a week for an array of bonding, training and fund-raising events. All told, through raffles, door-to-door appeals and Student Union allotment, the necessary \$30,000 has been raised. The only thing left is to go.

Hueiming Liu went to Tijuana last year. She worked from 8 a.m. to 4 p.m. every day painting a youth community center. But it was mixing with the kids of a nearby youth delinquency home that left a lasting imprint.

"You hear about the border issue, but until you go there and see people hiding by the border and see the patrols..." Liu said with her voice trailing off. "It's scary. At the youth home, we'd hear stories about how these 9-year-old kids would try to run

across the border and got caught. They're just looking for their mothers, a lot of whom are working in the States. It was an incredible experience."

Liu, now a senior, will lead the contingent to New Mexico this spring. Repeat trips are the norm for those involved.

"How could I go to Florida when I could do something like this?" asked Scroggins, who previously took part in an Urban Plunge trip to inner-city New Orleans. "Where could you learn so much and meet so many people? When you're in college, you kind of lose sight of what goes on outside of here. You lose sight that there are homeless kids in Mexico trying to find their mothers in a whole different country. It really puts your world in perspective."

"It's cultural experience through service," Scroggins concluded. "This kind of activity isn't for everyone. You have to really believe in what you're doing and believe that you can make a difference."

'Smart card' system for student IDs to end

By GERRY EVERDING

Washington University will end its five-year trial of a system that allowed students to make on-campus purchases using computer chip-imbedded identification cards in July 1999, when its contract with an outside supplier of the smart card technology expires, the administration has announced.

In making its decision to discontinue the program, University officials talked with student groups, researched similar programs at comparable universities and weighed the costs and benefits of the smart card system.

"The students had mixed reactions, but the consensus was that the cards were expensive and the service outlets were not quite as successful as we would have liked," said Michael Dunlap, director of auxiliary enterprises. "After weighing several options of how to provide the best service to the students, we decided to let the contract expire and not do a smart card program next year."

In reviewing options, the University sought bids from competing suppliers of smart card technologies, but none of the proposals seemed worth the investment given the relatively low levels of current card use.

"We had hoped at the outset that this program would provide a significant and meaningful service to students, but it appears that current student interest and use of the cards does not warrant continuation of the program," Dunlap said.

"The technology has been around for a while, but there are still relatively few schools using computer chips on their ID cards. We plan to see how the chip technology develops and reassess our position down the road."

The cards now in use on campus also contain a magnetic stripe information system, which works independently of the computer chip and allows students to buy food under the campus meal plan and to gain access to dorms and other swipe card-controlled areas. The meal plan and door access functions will continue to operate normally using the current student IDs, and there is no need to replace the cards of students who now have them.

New student identification cards, which should be available this summer, will be provided at no additional charge, as usual, to all incoming students and gradually phased into the system. A welcome bonus of the changeover is that the fee charged to replace lost or broken cards should be significantly less

with the new card. Many students had complained about the \$20 fee charged to replace the more costly chip-imbedded smart cards, Dunlap said.

Dunlap also emphasized that the University would work with the current smart card provider to ensure that students are able to retrieve all credit balances stored on the existing system. Students will be given ample notification before the card's cash functions are disabled.

Introduced in 1995 as a convenient way for students to pay for soft drinks, snacks and loads of laundry, the current "smart card" system failed to capture across-the-board acceptance and use among students.

"Our program did not develop quite as rapidly or as extensively as we would have liked," Dunlap said. "Students said it needed to be more convenient for them to get money onto the cards. We wanted a system that would allow them to transfer money from a bank account to a cash card, but that didn't happen. We also planned to have guest cards for use by off-campus visitors, but that didn't happen either."

The smart cards, which work like debit cards, allow students to transfer money into one of two computer-chip cash accounts — a "small change" account

for vending machine purchases and a "SecureCash" account protected by a personal identification number for larger purchases.

Students and their parents could transfer money onto the cards by writing a check to the company or by inserting \$1, \$5, \$10 or \$20 bills into cash-card stations located around campus. The card's cash balance could then be used to make purchases on campus. One exception was laundry — the cards seemed to provide a popular alternative to coins for students using campus laundry machines.

"More than 50 percent of the laundry done in campus machines was done using the smart cards," Dunlap said. "We will find other ways to ensure that doing laundry continues to be as convenient as possible for students."

Studies indicated that most students used the "small-change" accounts at least occasionally, but only about one-third of students ever used the "SecureCash" option to make larger purchases. Smart card usage in campus vending and copying machines was never as heavy as expected, and many students apparently found it easier to use personal credit cards for larger purchases.

"We plan to see how the chip technology develops and reassess our position down the road."

MICHAEL DUNLAP

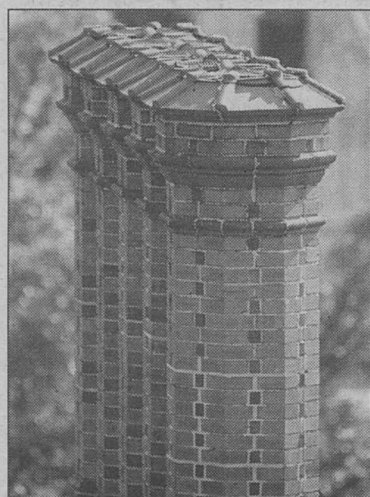
News Briefs

Record support

In the 1997-98 academic year, voluntary gift support from alumni, parents and other Washington University friends broke three records, in the total amount given, the number of donors and the number of alumni who gave. Gifts totaled \$188,032,526 and came from 33,153 donors, of whom 25,852 were alumni. Voluntary gifts support virtually every part of the University's work, including attracting and retaining extraordinary faculty and students, encouraging excellence in teaching and exceptional learning experiences, and supporting research.

Survey surprises

Results released recently from an annual survey of freshmen, conducted by the Higher Education Research Institute at the University of California at Los Angeles, revealed some surprising trends: Only 51 percent of freshmen believe that abortion should be legal, a decline of 14 percent since 1990. Only 40 percent of freshmen, a record low, view casual sex favorably. Only 20 percent of freshmen identify themselves as "conservative" or "far right," the lowest level in 11 years. Only 24 percent call themselves "liberal" or "far left," the smallest



Campus quiz: These stacks let off steam from the roof of which campus building?

proportion in 14 years.

Among the survey's other findings: Catholic institutions had the highest percentage of freshmen who said they drank beer in the past year. Fewer than one in five freshmen said they checked a book out of the school library last year. Freshmen at black institutions were most likely to have attended a religious service in the past year.

Computer grading

As of Feb. 10, Educational Testing Service is using a computer program to read and score essay answers to the Graduate Manage-

ment Admissions Test (GMAT), the exam required by most U.S. business schools. E-Rater software, developed by ETS, compares submitted essays to the hundreds of responses previously graded by humans and fed into a computer. GMAT essays that were previously read by two human graders will now be read by the E-Rater and one human grader. Critics say one problem with the program is that it cannot mimic the analytical skills of human graders.

Did you know?

The University's first Rhodes Scholar was Samuel E. Eliot, '05, grandson of University co-founder William Greenleaf Eliot. Samuel Eliot studied theology at Oxford for three years, returning in 1908 with a second bachelor's degree. He then took a teaching position in psychology and public speaking at the State University of Oregon in Eugene.

Answer: The chimneys top South Brookings Hall.

"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

School of Medicine offers mini-medical school

By DIANE DUKE WILLIAMS

Have you ever wondered what it is like to attend medical school? Would you like to learn the latest information about diagnosis and treatment of heart disease, cancer, diabetes and other diseases? The School of Medicine is offering you that chance.

Beginning March 23 and continuing for the following seven Tuesdays, the medical school is teaching "Discovering Medical Science," a mini-medical school. The school, which is open to the public, will be taught from 7 to 9 p.m. at the Eric P. Newman Education Center. Enrollment will be limited to 100.

"An important goal of Washington University School of Medicine is to inform the public about medical education and medical science," said William A. Peck, M.D., executive vice chancellor of medical affairs and dean of the medical school. "The mini-medical school, designed and developed under the adept leadership of Cynthia Wichelman, M.D., represents an important step. The initial class

will be limited in size, but we plan to repeat the course, perhaps annually or semi-annually, and possibly expand the class size in the future should there be sufficient demand."

Medical school professors will teach the sessions, which will include lectures on various diseases in addition to some hands-on training. Attendees will learn operating room protocol and practice suturing techniques, tour the Genome Sequencing Center and guide minimally invasive surgical instruments using laparoscopic simulation.

Information will be presented in an easy-to-understand informal style. There will be no exams. Students will be able to talk with faculty after lectures, and refreshments will be provided.

At the final session, graduates will receive a certificate of completion and attend a graduation reception.

The fee to attend the mini-medical school, which is being funded by an educational grant from Pfizer Inc., is \$35. For more information or to receive a registration form, call 362-9858.



Jazzin' it up M.D./Ph.D. student Craig Byersdorfer, front, and other members of the Hot Docs practice outside Moore Auditorium during one of their biweekly rehearsals. The group, now in its 17th year, is a big band jazz ensemble that includes medical students, residents and attending physicians. The Hot Docs perform at a variety of St. Louis events.

Schedule of courses

March 23

Medical School Today
William A. Peck, M.D.
Executive vice chancellor for medical affairs and dean

Detecting and Treating Diabetes: The Silent Disease
William E. Clutter, M.D.
Associate professor of medicine, Division of Endocrinology

March 30

What is Cancer? Diagnosis and Treatment of Common Cancers
Joanne E. Mortimer, M.D.
Associate professor of medicine, director of clinical oncology

April 6

Genetics: The Human Genome Project
Robert H. Waterston, M.D., Ph.D.
James S. McDonnell Professor and head, Department of Genetics

Genetic Basis of Alzheimer's Disease
Alison Goate, D.Phil.
Professor of genetics in psychiatry and of genetics

Genetics in Everyday Medicine
Alison Whelan, M.D.
Associate dean for undergraduate medical education, assistant professor of medicine and of pediatrics

April 13

High-Tech Surgery Techniques
Nathaniel J. Soper, M.D.
Professor of surgery, head of minimally invasive surgery

Operating Room Suture Lab: Surgery Techniques and Laparoscopic Simulation

April 20

Infectious Diseases: The Never Ending Story
Victoria J. Fraser, M.D.
Associate professor of medicine, medical director of infection control

April 27

Developing Treatments for Stroke and Spinal Cord Injury
Dennis W. Choi, M.D., Ph.D.
Andrew B. and Gretchen P. Jones Professor and head, Department of Neurology

May 4

Medical Ethics: Tough Issues
Stephen S. Lefrak, M.D.
Professor of medicine, assistant dean and director, Humanities Program in Medicine

Health Care Finance: Paying the Bill
Peter L. Slavin, M.D.
President, Barnes-Jewish Hospital

May 11

Sick At Heart: Diagnosing and Treating Heart Disease
Edward M. Geltman, M.D.
Professor of medicine, medical director, Heart Failure Program and cardiac diagnostic laboratory

Site team will be on campus for reaccreditation

The School of Medicine is up for reaccreditation, and a site team from the Liaison Committee on Medical Education (LCME) will be on campus March 8-11. The team, in addition to meeting with administrators and many department heads and coursemasters, will spend time with medical students and junior faculty. At the end of the visit, the group will have an exit interview with Chancellor Mark S. Wrighton and William A. Peck, M.D., executive vice chancellor and dean of the medical school.

LCME members will be visiting many parts of the campus. They might, as part of the review, solicit information or remarks from faculty, staff and students they encounter outside of their scheduled meetings. The site team will be wearing LCME name tags.

"The institutional self-study, which is a component of the preparatory work for the accreditation visit, provided the opportunity for in-depth, critical review of all aspects of the curriculum and the operations of the school that affect it," said Alison J. Whelan, M.D., associate dean for undergraduate medical education. "The self-study is an important component of continual evaluation and improvement of the School of Medicine's educational program."

The LCME, which is co-administered by the American Medical Association and the American Association of Medical Colleges (AAMC), promotes institutional self-evaluation and improvement and certifies that

medical education programs meet prescribed standards. An LCME team visits medical schools every seven years and can request a progress report or make a return visit before the next seven-year period is completed.

The LCME evaluates medical school curricula, student life, graduate programs, teaching hospitals and facilities and faculty research and finances, in addition to many other areas. The administration of the medical school has been preparing for the site team's visit for about 18 months. It conducted a self-study while medical students independently surveyed their peers. More than 220 faculty, staff and students have been involved in this effort.

"The self-study and student survey validated several areas we had already identified as high priority for improvement — teaching and study spaces, ambulatory care experiences and enhanced assessment and feedback to students on clinical skills," said Whelan. "These will be high priorities for the next several years. The self-study also uncovered a number of minor student concerns that we were able to address promptly — student access to clinical information during hospital rotations was improved and many student resource materials were put on a new website."

For additional information, call the LMCE office at 747-2361.

Richard Lerner to deliver Lowry lecture

Richard A. Lerner, M.D., president of the Scripps Research Institute, will present the 1999 Oliver Lowry Lecture in Bioorganic Chemistry at 4 p.m. Thursday, March 4, in Cori Auditorium. It is located on the first floor of the McDonnell Medical Sciences Building, 4565 McKinley Ave.

Lerner also is the Lita Annenberg Hazen Professor of Immunochemistry and holds the Cecil H. and Ida M. Green Chair in Chemistry at the Scripps Institute. He is well known for his important work in converting antibodies into enzymes, permitting the catalysis of chemical reactions thought to be difficult or impossible using classical chemical procedures. The

title of his lecture is "Antibody Aldolases of Remarkable Efficiency and Scope."

Lerner has been honored for his work with numerous prizes and membership in the National Academy of Sciences.

The Lowry lecture is held annually to honor the contributions of the late Oliver H. Lowry, M.D., Ph.D., Distinguished Professor Emeritus and lecturer, to the Department of Molecular Biology and Pharmacology, to Washington University and to science. Lowry, a biochemist and member of the National Academy of Sciences, was department head from 1947 to 1976 and from 1989 to 1990. He retired from daily laboratory work in 1995.

Helena Hatch Special Care Center honored by African-American sorority

For working tirelessly to improve the lives of women with HIV and their children and reducing the rate of HIV transmission from mother to child, the Helena Hatch Special Care Center for Women with HIV recently was recognized by the Zeta Sigma Chapter of Sigma Gamma Rho Sorority Inc. in St. Louis.

The center, which is a program of the School of Medicine, received the Dr. George Washington Carver Distinguished Service Award for Excellence in Health for Women and Children from the sorority. It was one of six

St. Louis individuals and organizations recognized in January by the African-American alumni sorority.

Of the award, Rebecca Bathon, program coordinator for the Helena Hatch Center, said: "I feel that it was very important for us to be recognized by the African-American community. By doing so, they acknowledge that there is a huge problem — probably a state of emergency within the African-American community — with HIV transmission. I took that opportunity, standing before this group of professional black

leaders, to challenge them to help us through this crisis. It meant a lot to me that people see this issue and that they recognize an institution like Washington University for doing its job and playing a role in fighting this epidemic."

The center, which takes a comprehensive approach to health care by providing patients access to social workers and nutritionists as well as doctors and medication, cares for HIV-infected women of all races and ages within St. Louis city and county; East St. Louis, Ill.; and throughout southern Missouri to

the Missouri-Arkansas border. The center was launched in 1995, and since early 1996, none of the 62 infants born to women undergoing treatment have tested HIV-positive. To date, the center has enrolled 337 women; some 260 remain active.

Bathon said the care may come to a halt this fall, however, when funding for the five-year-old center runs out Sept. 30.

"Right now we are doing a lot of grant writing and working with other agencies to help sustain the program," Bathon said. "We don't know what the center will look like at that time,

but we hope some instrumental pieces will be retained."

In addition to the clinic on the medical campus, the center has a peer outreach program that provides community education on how to prevent HIV. The center's adolescent program — called HEY (Health and Education for Youth) — also has grown substantially since its inception in 1997.

Sigma Gamma Rho, which has been in existence since 1922, has been involved with the Helena Hatch Center for nearly four years, since adopting it as one of its philanthropies.

University Events

Ralph Nader • Swahili Cities • Rhythm in Shoes • Internships • Play Ball

"University Events" lists a portion of the activities taking place at Washington University through March 13. 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

"The Genius of Jean-Antoine Houdon." Through March 21. Steinberg Hall. 935-4523.

"The Getty Center: Photographs by Joe Deal, Models by Richard Meier." Through March 21. Steinberg Hall. 935-4523.

"International Abstraction: Art of the 1950s From the Washington University Collection." Through March 28. Steinberg Hall. 935-4523.

"Writers Reading Stein." Through March 19. Olin Library Special Collections, fifth floor. 935-5495.

"Alvaro Siza: Appointments." Through March 15. First floor, Givens Hall. 935-6200.

Films

Thursday, Feb. 25

6 p.m. Japanese Film Series. "The Burmese Harp" (English subtitles). Room 219 Ridgley Hall. 935-5156.

Thursday, March 11

6 p.m. Chinese Film Series. "Guerrillas on the Railroad." Room 219 Ridgley Hall. 935-5156.

Friday, March 12

7 and 9:30 p.m. Filmboard Feature Series. "Terminator II." (Also Mar. 13, same times, and Mar. 14, 7 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Midnight. Filmboard Midnight Series. "Clue." (Also Mar. 13, same time, and Mar. 14, 9:30 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Lectures

Thursday, Feb. 25

11:35 a.m. Systems science and mathematics seminar. "An Integer Programming Model for Vaccine Procurement and Delivery for Childhood

Immunization: A Pilot Study." Edward C. Sewell, prof. of mathematics and statistics, S. Ill. U. at Edwardsville. Room 101 Cupples II Hall. 935-6001.

Noon. Genetics seminar. "Mammalian Female Meiosis: Not Playing by the Rules Can Be Dangerous." Patricia A. Hunt, genetics dept., Case Western Reserve U., Cleveland. Room 823 Genetics Library. 362-7072.

1 p.m. Center for Mental Health Services Research seminar. "Screening for Mental Health Disorders in Primary Care and Other Real World Settings." Janet Williams, prof. of clinical psychology, Columbia U. College of Physicians and Surgeons and research scientist, New York State Psychiatric Institute. Room G39 Goldfarb Hall. 935-5687.

4 p.m. Earth and planetary sciences colloquium. "Minerals and Life Forms." Catherine Skinner, research affiliate, geology and geophysics, Yale U. Room 112 Wilson Hall. 935-5603.

4:15 p.m. Philosophy lecture. "Democracy Electoral and Contestatory." Philip Pettit, prof. of philosophy, Australia National U. and Columbia U. Room 100 Busch Hall. 935-6670.

4:30 p.m. Roever colloquium. "Quaternionic Algebraic Geometry and Differential Geometry of Surfaces." Ulrich Pinkall, prof., Technische U., Germany. Room 199 Cupples I Hall (tea 4 p.m., Room 200 Cupples I Hall). 935-6760.

5 p.m. Vision science seminar. "Genetics of Autosomal Recessive Congenital Retinal Nonattachment." Noor Ghiasvand,

Diego School of Medicine. Clopton Aud., 4950 Children's Place. 454-6006.

10 a.m. School of Law's Public Interest Law Speakers Series. "Corporate Law Firms and the Perversion of Justice: What Public Interest Lawyers Can Do About It." Ralph Nader, consumer advocate. W.L. Hadley Griffin Student Commons, Anheuser-Busch Hall. 935-4958.

Noon. Gastroenterology conference seminar. "Regulation of Surfactant-Like Particle Secretion by Caco-2 Cells." Mike Engle, research assoc., gastroenterology. Room 901 Clinical Sciences Research Bldg. 362-3365.

1 p.m. Biology seminar. "Reconstructing an Ancient Legacy: A Research Program in Pre-Cambrian Developmental Evolution." John Finnerty, organismal biology and

Tuesday, March 2

Noon. Biology seminar. "Fields, Domains and the Specification of Primordium and Cell-Type Identity." Frederick D. Hempel, plant and microbial biology, U. of Calif.-Berkeley. Room 212 McDonnell Hall (Hilltop Campus). 935-6860.

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Multiple Modes of Regulating a Regulator: Translation Regulation by a Small RNA and Regulated Degradation of RpoS." Susan Gottesman, chief of biochemistry and genetics, National Cancer Institute, Bethesda, Md. Cori Aud., 4565 McKinley Ave. 362-3692.

4 p.m. Chemistry seminar. "Design of Oxy-Substituted Cyclopropanes as Efficient Donors for SET Reaction." Oku Akira, prof., Kyoto Institute of Technology, Japan. Room 311 McMillen Hall (coffee 3:40 p.m.). 935-6530.

Wednesday, March 3

4 p.m. Biochemistry and molecular biophysics seminar. "The Dark Side of Archaeal Metabolism." Robert H. White, assoc. prof. of biochemistry dept., Virginia Polytechnic Institute and State U., Blacksburg, Va. Cori Aud., 4565 McKinley Ave. 362-0261.

4 p.m. Biology seminar. "The Response of Wetland Vegetation Zones to a Long-Term Increase in Water Level." Arnold G. van der Valk, dir., Iowa Lakeside Laboratory and prof. of botany, Iowa State U. Room 322 Rebstock Hall. 935-6860.

Thursday, March 4

Noon. Genetics seminar. "Genetics, Morphological and Behavioral Aspects of the Ethiopian Baboon Hybrid Zone." Jane E. Phillips-Conroy, assoc. prof. of anatomy and neurobiology. Room 823 Genetics Library. 362-7072.

1 p.m. Biology seminar. "What's Next? Potential Research Projects at Tyson and Elsewhere." Arnold G. van der Valk, dir., Iowa Lakeside Laboratory and prof. of botany, Iowa State U. Room 202 Life Sciences Bldg. 935-6860.

1 p.m. Pulmonary and critical care medicine. "Reciprocal Signaling Through Integrins and TGF-Beta Receptors in Lung Inflammation, Acute Lung Injury and Pulmonary Fibrosis." Dean Sheppard, prof. of medicine, Lung Biology Center, U. of Calif.-San Francisco. Cori Aud., 4565 McKinley Ave. 362-2254.

4 p.m. Biology seminar. "mRNA Stability and Translation: The Fed-1 Model." Marie E. Petracek, botany dept., N.C. State U.-Raleigh. Room 162 McDonnell Hall (Hilltop Campus). 935-6860.

4 p.m. Cancer Center Seminar Series. "Pathophysiology of Bone Metastasis." Gregory Mundy, program dir., General Clinical Research Center, U. of Texas Health Science Center, San Antonio. Third Floor Aud., St. Louis Children's Hosp. 747-0359.

Friday, March 5

Noon. Biology seminar. "Application of the Fed-1 Model." Marie E. Petracek, botany dept., N.C. State U.-Raleigh. Room 212 McDonnell Hall (Hilltop Campus). 935-6860.

6 p.m. Travel Lecture Series. "Exploring Wild Florida." Richard Kern, film producer. Graham Chapel. 935-5212.

Monday, March 8

10 a.m. Center of Mental Health Services Research Seminar Series. "Substance Abuse Services." Matthew Howard. Room G38 Goldfarb Hall. 935-5687.

Noon-1 p.m. Molecular biology and pharmacology seminar. "Cell-Cell Communication in Shoot Apical Meristems." Elliot Meyerowitz, prof. of biology, Calif. Institute of Technology. The Philip Needleman Library, Room 3907 South Bldg. 362-2725.

Noon-1 p.m. Work, Families and Public Policy Brown Bag Seminar Series. "Medicare Managed Care Enrollment: Determinants and Policy Implications." Timothy McBride, U. of Mo. Room 300 Eliot Hall. 935-4918.

4 p.m. Biology seminar. "Hsp90 as a Capacitor for Morphological Evolution." Suzanne Rutherford, Developmental Biology Center, U. of Calif.-Irvine. Room 322 Rebstock Hall. 935-6860.

5:30 p.m. Nuclear medicine lecture. The 13th Daniel R. Biello Memorial Lecture. "State-of-the-Art Clinical Applications of Cardiovascular Nuclear Medicine: Diagnosis, Prognosis, and Myocardial Viability." Jamshid Maddahi, dir., Clinical PET Center, U. of Calif.-Los Angeles. Scarpellino Aud., first floor, Mallinckrodt Institute of Radiology. 362-2809.

Tuesday, March 9

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Quorum



Chicago premiere A troupe of actors from the Performing Arts Department in Arts and Sciences will reprise alumnus A.E. Hotchner's "Café Universe" — which received its world premiere in the University's A.E. Hotchner Studio Theatre in October 1997 — Feb. 26-28 in Oak Park, Ill., as part of the Hemingway Foundation's Hemingway Centennial, marking the 100th anniversary of the famed author's birth. The show (above) stars Kerry Mulvaney as the waitress and Grant Kerr as Al.

4 p.m. Biology seminar. "Evolution of Axial Patterning in the Metazoa: Insights From Outgroups." John Finnerty, organismal biology and anatomy dept., U. of Chicago. Room 322 Rebstock Hall. 935-6860.

4 p.m. Cardiovascular research seminar. "Atrial Fibrillation: New Look at an Old Arrhythmia." Douglas P. Zipes, prof. of medicine, pharmacology and toxicology, Krannert Institute of Cardiology, Indiana U. School of Medicine. Room 801 Clinical Sciences Research Bldg. 362-3365.

postdoctoral fellow, ophthalmology and visual sciences. East Pavilion Aud. 362-3365.

Friday, Feb. 26

9:15 a.m. Pediatric Grand Rounds. "Vascular Birthmarks: Advances in Understanding and Management." Larry F. Eichenfield, chief and assoc. prof. of pediatrics and dermatology, Children's Hosp., San Deigo and U. of Calif.-San

anatomy dept., U. of Chicago. Room 322 Rebstock Hall. 935-6860.

4 p.m. Hematology division seminar. "Role of LIM Proteins in Cell Growth." Greg Longmore, asst. prof. of medicine, hematology division. Room 8841 Clinical Sciences Research Bldg. 362-3365.

Saturday, Feb. 27

8 a.m. Continuing Medical Education program. "The Spine: Skull to Sacrum/Birth to Old Age" (for primary care physicians). Eric P. Newman Education Center. For information and to register, call 362-6891.

9 a.m. Saturday Morning Neural Sciences Seminar Series. "Neurophilosophical Investigations: Consciousness Meets Neurobiology: What Exactly is a Sensory Modality, Anyway?" Brian Keely, McDonnell Post Doctorate Research Assoc., philosophy. Erlanger Aud. 362-3365.

11 a.m. University College Saturday Seminar Lecture Series. "Looking Forward by Looking Back." Michael W. Friedlander, prof. emeritus of physics. Goldfarb Aud. 935-6788.

Monday, March 1

Noon-1 p.m. Molecular biology and pharmacology seminar. "Nitric Oxide Regulates Bone Remodeling: Autocrine Role of Nitric Oxide in Regulating Osteoclast Activity and Development." Philip Osdoby, prof. of biology, The Philip Needleman Library, Room 3907 South Bldg. 362-2725.

2:15 p.m. Condensed matter science seminar. "Functional Materials Through the Condensation of Supramolecular Nanostructures." Samuel I. Stupp, prof. of materials science, engineering and chemistry, Northwestern U., Evanston, Ill. Room 241 Compton Hall (coffee 2 p.m.). 935-6276.

4 p.m. Biology seminar. "The Induction of Flowering and the Isolation of Symplastic Signaling Mutants in Arabidopsis." Frederick D. Hempel, plant and microbial biology dept., U. of Calif.-Berkeley. Room 162 McDonnell Hall (Hilltop Campus). 935-6860.

4 p.m. Immunology Research Seminar Series. "Notch Involvement in Thymocyte Maturation." Michael Bevan, U. of Washington, Seattle. Eric P. Newman Education Center. 362-2763.

Readings Acclaimed poets Bidart and Pankey here

BY LIAM OTTEN

Two nationally recognized poets will visit campus in March for the Reading Series sponsored by the Creative Writing Program in Arts and Sciences. Frank Bidart will read from his works March 11, followed by Eric Pankey on March 16. Both readings will take place at 8 p.m. in Hurst Lounge, Room 201 Duncker Hall.

"Longtime director of the Writing Program at Washington University, Eric Pankey is one of the most prolific and elegant poets of his generation," said Steven Meyer, Ph.D., director of the Creative Writing Program. "Frank Bidart, one of the most important and respected poets of the day, is our major singer of emotional catastrophe."

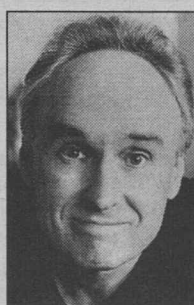
Bidart is the author of five volumes, including "The Golden State" (1973), "The Book of the Body" (1979), "The Sacrifice" (1983) and "In the Western Night: Collected Poems 1965-1990." His latest book, "Desire" (1997), was a finalist for the National Book Award in Poetry, the National Book Critic's Circle Award and the Pulitzer Prize.

Born in Bakersfield, Calif., in 1939, Bidart earned a bachelor's degree from the University of California—Riverside and a master's degree from Harvard, where he was a student and friend of the poets Robert Lowell and Elizabeth Bishop. His numerous honors and awards include a Lila Wallace-Reader's Digest Foundation Writer's Award, the Shelley Award of the Poetry Society of America and The Paris Review's Bernard F. Connors Prize. He teaches at Wellesley College in Wellesley, Mass., and currently is editing a collection of Robert Lowell's poems.

Pankey, who was director of the University's Creative Writing Program from 1987 to 1996, is the author of four volumes — "For the New Year" (1984), "Heartwood" (1988), "Apocrypha" (1991) and "The Late Romances" (1997). His poems have been published in numerous periodicals, including The Yale Review, The New Yorker

and The Paris Review, and his essays and reviews have appeared in The Partisan Review, The Iowa Review and the Christian Science Monitor, among others.

Pankey has received numerous awards, including a National Endowment for the Arts Fellowship and the Academy of American Poets' Walt Whitman Award. He earned a bachelor's degree



Poetry Readings

Who Frank Bidart and Eric Pankey

Where Hurst Lounge, Room 201 Duncker Hall

When 8 p.m. March 11 and March 16

Admission Free and open to the public

from the University of Missouri—Columbia in 1981 and a master of fine arts degree from the University of Iowa, Iowa City, in 1983. He currently teaches at George Mason University in Fairfax, Va.

Both readings are free and open to the public. Copies of the author's works will be available for purchase. For more information, call 935-7130.

Sensing in Gram-Negative Bacteria." E. Peter Greenburg, prof. of microbiology, U. of Iowa, Iowa City. Cori Aud. 4565 McKinley Ave. 747-2134.

12:10-12:55 p.m. Physical therapy research seminar. "Update on Clinical Studies in Motor Unit Disorders (Motor Neuron to Muscle)." Julaine M. Florence, dir., clinical studies, neuromuscular division and assoc. prof. of neurology, Classroom C, lower level, 4444 Forest Park Blvd. 286-1400.

1 p.m. Biology seminar. "Genetic Variation Affecting Signal Transduction." Suzanne Rutherford, Developmental Biology Center, U. of Calif.-Irvine. Room 322 Rebstock Hall. 935-6860.

4 p.m. Biology seminar. Joel C. Trexler, biological sciences dept., Florida International U.-Miami. Room 322 Rebstock Hall. 935-6860.

4 p.m. Chemistry seminar. "Protein Dynamics in Molecular Recognition." Gaetano Montelione, Rutgers U., New Brunswick, N.J. Room 311 McMillen Hall (coffee 3:40 p.m.). 935-6530.

4 p.m. African Lecture Series. "Swahili Cities." Jonathan Glassman, asst. prof. of history, Northwestern U. Room 331 Social Science Bldg., U. of Mo.-St. Louis. 935-5690 or 516-5753.

6:30 p.m. School of Architecture Monday Night Lecture Series. Enrique Norton, dir. and principal of TEN Arquitectos, Mexico. Steinberg Hall Aud. 935-4636.

Wednesday, March 10

7:30 a.m. Orthopedic surgery lecture. "Surgical Approaches to the Restoration of Articular Cartilage." Joseph Buck

Walter, prof. of orthopedic surgery, U. of Iowa, Iowa City. Scarpellino Aud. 747-2803.

11 a.m. Assembly Series. "Herndon's Dilemma: Abraham Lincoln and the Privacy Issue." Douglas Wilson, prof. emeritus of English and co-director, Lincoln Studies Center, Knox College, Galesburg, Ill. Graham Chapel. 935-5285.

11:30 a.m. Biology seminar. Joel C. Trexler, biological sciences dept., Florida International U.-Miami. Room 212 McDonnell Hall (Hilltop Campus). 935-6860.

2 p.m. Economics seminar. Lee Ohanian, U. of Minn. Federal Reserve Bank Research Conference Room, 411 Locust St., St. Louis, Mo. 935-5670.

4 p.m. Biochemistry and molecular biophysics. "Challenges of Biomolecular Structure Prediction and Drug Design." Ruben A. Abagyan, assoc. prof. of biochemistry, New York University Medical Center. Cori Aud., 4565 McKinley Ave. 362-0261.

Thursday, March 11

4 p.m. Chemistry seminar. "Controlling Solid State Reactions Using Superlattice Reactants." David Johnson, U. of Oregon. Room 311 McMillen (coffee 3:40 p.m.). 935-6530.

4 p.m. Economics urban issues seminar. "Evidence on Scale Economies and Agglomeration." Vernon Henderson, prof. of economics, Brown U. Room 300 Eliot Hall. 935-5670.

4 p.m. Genetics seminar. "The ELL Family of RNA Polymerase II Elongation Factors and Human Leukemia." Ali Shilatifard, biochemistry dept., St. Louis U. Room 823 Genetics Library. 362-7072.

Ricky Jay's sleight-of-hand comes to Edison in March

Take this advice and you'll do fine: never try to out-stare a cat, never eat at a place called Mom's and never, ever play cards with a guy named Ricky Jay.

Ricky Jay is perhaps the greatest sleight-of-hand artist of our day, a virtuoso in all manner of conjuring, con-games and other "unusual entertainments." But rest easy: Jay only uses his powers for good, or at least only for the amusement and amazement of his film, television, literary and theatrical audiences.

Next month, "Ricky Jay & His 52 Assistants" — an original theatrical production written by and starring Jay and directed by long-time collaborator David Mamet — will take up residency at Edison Theatre for 10 performances March 11-21. Shows begin at 8 p.m. March 11-13, 15 and 17-20 and at 7 p.m. March 14 and 21.

"Ricky Jay & His 52 Assistants" is an intimate demonstration of amazing card tricks. Jay sees the show as a counterweight to the bigger-is-better pyrotechnics that have come to dominate the field of magic, eschewing tigers and airplanes and other such special effects in favor of classic sleight-of-hand. And yet, the very intimacy of Jay's staging highlights just how astonishing the tricks really are. When Jay stands

Ricky Jay

Where Edison Theatre

When 8 p.m. March 11-13, 15, 17-20; 7 p.m. March 14 and 21

Tickets \$40 from Edison Theatre Box Office, 935-6543, or MetroTix, 534-1111

up and before your eyes throws a playing card so hard that it punctures the skin of a watermelon, for example, you understand why the show's 1994 debut became the fastest-selling production in off-Broadway history.

In addition to his work as a performer, Jay is one of the foremost scholars of magic and trickery working today. He is the author of four books and has written and hosted television specials on confidence games and magic for CBS, HBO, A&E and the BBC.

Jay probably is best known for his work in film, including featured roles in David Mamet's "House of Games," "Things Change," "Homicide" and "The Spanish Prisoner."

All tickets are \$40 and are available at the Edison Theatre Box Office, 935-6543, or through MetroTix, 534-1111. Tickets are limited to 150 per performance. No one under 17 will be admitted. There will be no late seating.

4 p.m. Russian lecture. "Vladimir Nabokov as a Russian Writer." Alexander A. Dolinin, Slavic languages dept., U. of Wis.-Madison. Women's Building Lounge. 935-5177.

4:30 p.m. Mathematics colloquium. "Discrete Groups and Thin Sets." Tordbjorn Lundh, prof., Chalmers Institute of Technology, State U. of N.Y.-Stony Brook. Room 199 Cupples I Hall (coffee 4 p.m., Room 200 Cupples I Hall). 935-6760.

5 p.m. School of Architecture Monday Night Lecture Series. "Design and the Transformation of the American City." Peter Rowe, dean of Harvard University Graduate School of Design. Steinberg Hall (wine and cheese reception to follow). 935-4636. See story on page 6.

8 p.m. Creative Writing Program Reading Series. Poet Frank Bidart will read from his work. Hurst Lounge, Room 201 Duncker Hall. 935-7130. See story on page 4.

Friday, March 12

7 a.m. Surgical oncology conference. "New Advancements in the Management of Thyroid Cancer." Ernest Mazzaferri, prof. and chair, internal medicine, Ohio State U.-Columbus. East Pavilion Aud. 362-5210.

Noon. African and Afro-American Friday Brown Bag Lunch. "Free Black Ancestry and Wealth Attainment in the Immediate Post-bellum Period." Madhavi Venkatesan, post-doctoral fellow in African and Afro-American studies and economics. Room 219 McMillan Hall. 935-5690.

Noon. Gallery of Art Friday Forum Luncheon Lecture Series. "International Abstraction: Art of the 1950s." Dorothea Dietrich, visiting asst. prof. of art history. Cost: \$15. Gallery of Art, Steinberg Hall. To register, call 935-4523.

1 p.m. School of Architecture Monday Night Lecture Series. "Practicing Pragmatism as a Theory for Urban Design." Gwendolyn Wright, prof. of architectural history, Columbia U. School of Architecture. Steinberg Hall. 935-4636. See story on page 6.

Saturday, March 13

1 p.m. School of Architecture Monday Night Lecture Series. "Building Alone and Building in Groups." Alan Plattus, assoc. dean at Yale U. School of Architecture. Steinberg Hall. 935-4636. See story on page 6.

Music



Susan McKeown

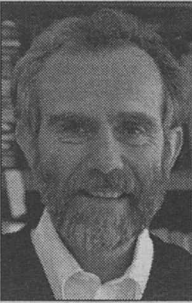
Tuesday, March 9

7:30 p.m. Office of Residential Life concert. "Susan McKeown and the Chanting House." Cost: \$7; free for faculty, staff and students. Gargoyle, Mallinckrodt Center. 935-4001.

Historian Douglas Wilson to give address on Lincoln

Douglas Wilson, co-director of the recently established Lincoln Studies Center at Knox College, Galesburg, Ill., will deliver the Thomas D. Fulbright Lecture for the Assembly Series, titled "Herndon's Dilemma: Abraham Lincoln and the Privacy Issue," at 11 a.m. March 10 in Graham Chapel. The lecture is free and open to the public.

Much of Wilson's current research is based on letters and interviews collected by William H. Herndon, Abraham Lincoln's law partner and biographer. Wilson is author of the recently published "Honor's Voice: The Emergence of Abraham Lincoln," as well as a collection of lectures and essays on the early years of Lincoln's life, which have been published in "Lincoln Before Washington: New Perspectives on Lincoln's Pre-presidential Years." He also has written extensively on



Thomas Jefferson and in 1994 he became the founding director of the International Center for Jefferson Studies at Monticello, the Jefferson home near Charlottesville, Va.

Wilson taught English and American literature at Knox College for over 33 years and from

Assembly Series

Who Douglas Wilson

Where Graham Chapel

When 11 a.m. March 10

Admission Free and open to the public

1972 to 1991 served as director of the Knox Library. He was one of the founders of the college's American Studies program.

Wilson earned a bachelor's degree in English from Doane College in 1957 and both master's and doctoral degrees, also in English, from the University of Pennsylvania in 1959 and 1964, respectively.

For more information, call 935-5285.

Performances

Friday, Feb. 26

8 p.m. OVATIONS! Series performance. "Rhythm in Shoes." Keith Terry, percussionist and rhythm dancer. (Also Feb. 27, same time). Cost: Adults \$23, children \$12, second child free. Edison Theatre. 935-6543.

Thursday, March 11

8 p.m. OVATIONS! Series performance. "Ricky Jay & His 52 Assistants." (Also March 12, 13, 15, 17-20, same time and March 14 and 21, 7 p.m.). Cost: \$40. Edison Theatre. 935-6543.

Miscellany

Saturday, March 6

9 a.m. St. Louis STD/HIV Prevention Training Center class lecture and clinical practicum. "Viral Sexually Transmitted Diseases." Cost: \$40. U. of Mo.-St. Louis. To register, call 747-1522.

Sunday, March 7

Noon. Asian Art Society demonstration. "Ikebana: Japanese Flower Arranging." Presented by Yoshiko Mitchell, Ikenobo School. Maclellan Gallery of Asian Art, Busch Memorial Center, St. Louis U., 20 North Grand Blvd. 935-5156.

Wednesday, March 10

4 p.m. Career Center workshop. "How to Find an Internship." Nancy Sutherland, asst. dir. for experiential learning. Room 152 Umrath Hall. 935-5930.

7 p.m. Career Center information session. The State Public Interest Research Group. Lambert Lounge, Mallinckrodt Center. 935-5930.

Thursday, March 11

8 a.m. Office of Continuing Medical Education. Seventh annual refresher course and update in general surgery. Through March 13. The Ritz-Carlton Hotel, St. Louis, Mo. For cost and to register, call 362-6891.

8:45 a.m. Career Center on campus interviews. The State Public Interest Research Group. Room 150 Umrath Hall. 935-5930.

6:30 p.m. The Writing Center workshop. "Writing and Revising Essays." Room 109 Eads Hall. 935-4981.

5 p.m. School of Architecture Urban Research Center symposium. "Design, Modernity and American Cities." Through March 13. Givens and Steinberg halls. 935-6200. See story on page 6.

Saturday, March 13

10 a.m. Neuroscience Institute event. "Brain Awareness Week: Voyage Into the Brain." Hands-on activities for children and adults. (Also Mar. 14, Noon). St. Louis Science Center, 5050 Oakland Ave. 362-6697.

Sports

Saturday, Feb. 27

1 p.m. Men's baseball team vs. Buena Vista U. Kelly Field. 935-5220.

Monday, March 1

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

Tuesday, March 2

12:30 p.m. Men's baseball team vs. Webster U. Kelly Field. 935-5220.

Saturday, March 6

9:30 a.m. Men's baseball team vs. Coe College. Kelly Field. 935-5220.

Noon. Men's baseball team vs. Aurora U. Kelly Field. 935-5220.

Sunday, March 7

Noon. Men's baseball team vs. Aurora U. Kelly Field. 935-5220.

2:30 p.m. Men's baseball team vs. Coe College. Kelly Field. 935-5220.

Saturday, March 13

10 a.m. Men's tennis team vs. U. of Mo.-St. Louis. Creve Coeur Racquet Club. 935-5220.

Sports Section

Bears need one win for UAA crown

For the third time in 12 seasons, the men's and women's basketball teams can win the University Athletic Association (UAA) championship in the same season. Mark Edwards' men's team won a pair of overtime thrillers last weekend to set up a potential UAA clincher — which could be its fifth in 12 seasons. Friday at Brandeis University, sophomore Ryan Patton hit a three-pointer with 1.7 seconds left to defeat Brandeis, 91-89. Sunday at New York University, junior Ryan Moss hit a three-pointer with 0.7 seconds left to send the game into overtime. The Bears prevailed in overtime, 84-81, as senior guard Brian Panek hit four free throws to preserve the victory.

Women down Brandeis, No. 7 New York

The women's basketball team wrapped up at least a share of its ninth UAA title in 12 seasons of conference play after posting road wins last weekend over Brandeis, 61-60, and No. 7 NYU, 58-54. With the win, the Bears, who extended their school-record winning streak to 31 games, also clinched the UAA's automatic bid to the NCAA Division III Tournament. Junior All-America Alia Fischer led all scorers with 19 points and added a game-high 11 rebounds. WU trailed until junior Emily Harold made a steal and converted the layup at the other end to give the Bears their first lead of the game, 52-51, with three minutes left. NYU tied the game at 54-54, but Fischer nailed two free throws with a minute and 22 seconds left to seal the victory.

Runners successful at Knox Invitational

The men's and women's indoor track and field teams had successful showings at the Knox College Invitational last weekend. On the women's side, five athletes picked up wins — Julie Nebel in the weight throw (a school-record 44 feet, 6 inches), Kristin Meade in the triple jump, Julie Riley in the pole vault, Eileen McAllister in the 1,500 meters and Emily Richard in the 3,000. Richard, Susan Chou, Daniele Rosman and Beth Peterson each posted NCAA qualifying times in the 3,000.

For the men, Richard Greene, Jonte' Greer and Tim Julien each provisionally qualified for nationals in the 55-meter hurdles, triple jump and 3,000 meters, respectively.

Swimmers at UAA meet

WU's men's and women's swimming and diving teams turned in impressive performances last weekend at the UAA Championships at Emory University in Atlanta. Senior diver Nancy Weinsier was named the UAA Diver of the Year for the second consecutive season after placing first on the one-meter board. Rachel Hopkins won the three-meter event, shattering school and UAA records. Carrie Register defended her 1998 UAA title in the 500 free with a time of 5 minutes, 10.53 seconds. Freshman Lindsay Wilkinson won the 50 free in a UAA and school record time of :24.21.

On the men's side, seven swimmers earned nine top-three finishes. Freshman Matt Greives set a school record in the 200 individual medley (1:58.13).



Update Gary Kamemoto, an architect with Maki & Associates in Tokyo, presents an update on some of his firm's concepts for the planned Visual Arts and Design Center Feb. 16 to a group of about 30 faculty and staff from the School of Art. The proposed building is to house the schools of art and architecture, the Department of Art History and Archeology, the Gallery of Art and the Art and Architecture Library.

Award

Nominations sought for annual honor

— from page 1

promote learning;

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

Nominees must have at least five years of employment with the University and be non-academic staff members in good standing.

Nominations for the award must include the nominee's name, the specific reason(s) for the nomination, a brief description of

how the University benefits or has benefited from the nominee's actions and the signature of the person submitting the nomination.

A committee of faculty and staff from the Hilltop, Medical and West campuses will review the nominations and select an employee who will receive the \$1,000 award during the May 17 Staff Day celebration on the Hilltop Campus.

The first award recipient, Myrl Funk, registrar for the School of Architecture, was recognized last year for her many contributions during 40 years of service.

Nomination forms may be obtained by calling 935-5990. Send nominations to the Gloria W. White Distinguished Service Award, Campus Box 1184, no later than March 24.

Two schools join to study Midwest cities

By ANN NICHOLSON

A new collaborative program between Washington University's School of Architecture and the College of Architecture and the Arts at the University of Illinois at Chicago will bring together graduate students at both schools to explore ways that architectural and urban design can help revitalize cities. The two-and-a-half year program is being funded through a \$75,000 grant from the Graham Foundation for Advancement in the Fine Arts.

Beginning this fall, students in both programs will study current urban policy issues and devise design strategies for projects in their own cities, while sharing lectures, reviews, symposia, site visits and other opportunities for mutual exchanges of ideas and research. The project will involve historical and comparative studies of the two cities and further both schools' commitment to working within their communities to address urban design issues.

"St. Louis and Chicago provide important and varied insights into the impact of economic and social change on the built environment," noted Eric Mumford, Ph.D., assistant professor of architectural history and theory, who, along with Jo Noero, the Ruth and

Norman Moore Professor of Architecture and director of the graduate architecture program, is overseeing the St. Louis portion of the project.

"Although both cities were major centers of culture and economic growth during the age of industrialization, they are among the U.S. cities most affected by de-industrialization," he continued. "Despite their historical importance, they have been largely ignored in recent decades as sources of architectural and urban design research. They provide good sites for developing a variety of models for urban design in the post-industrial age."

Noero added: "The decline of Midwestern urban neighborhoods, characterized by dilapidation and abandonment, was once a problem of the inner city, but now has begun to press outward to the inner ring of suburbs. While redevelopment efforts have had some success, all too often they have been ineffective or too unrealistic to have the intended effect."

The collaborative study will enrich understandings of this complex urban problem through intellectual and design interchanges among faculty and students at both schools. Visiting professors, lecturers and practitio-

ners will ensure broad, multidisciplinary perspectives for investigating urban revitalization.

The students will draw upon the insights garnered from studying the two cities to form partnerships between the schools and community groups and public agencies. At Washington University, the design projects will be coordinated through the School of Architecture's Urban Research Center. The community aspect of the project will tackle pressing issues, such as sustainable neighborhoods, community demands for diverse design projects, public involvement in revitalization, and design for urban living conditions that makes walking a real and attractive transportation alternative.

"The study will illustrate through the design of projects developed in consultation with local residents that design matters in addressing complex urban problems," Mumford said. "The project seeks to establish new frames of reference and understanding of Midwestern cities to encourage additional, much needed research and professional practice in the area of North American urban revitalization. The two schools of architecture working in tandem are ideally suited to further this process."

'American Cities' symposium March 11-13

North American urbanization will be the topic when the School of Architecture's Urban Research Center hosts a symposium March 11-13 titled "Design, Modernity and American Cities." The symposium, which is open to the campus community and the general public, will include lectures, panel discussions and research and design presentations.

The symposium will consider American cities as the expression of a rich and varied national culture, evolving against a backdrop of an increasingly global, modern civilization, said Jacqueline Tatom, visiting assistant professor of architecture, who, along with Eric Mumford, Ph.D., assistant professor of architectural history and theory, is organizing the conference.

The symposium will emphasize a broad, pluralistic approach to the design challenges posed by American metropolitan conditions. These include design issues

related to land use in or near historic core areas and providing new infrastructure for outlying areas that are rapidly being converted from agricultural uses.

Peter Rowe, dean of the Harvard University Graduate School of Design, will be the keynote speaker. Rowe will discuss "Design and the Transformation of the American City" at 5 p.m. March 11. Other featured lecturers are Gwendolyn Wright, professor of architectural history at Columbia University School of Architecture, on "Practicing Pragmatism as a Theory for Urban Design" at 1 p.m. March 12, and Alan Plattus, associate dean at Yale University School of Architecture, on "Building Alone and Building in Groups" at 1 p.m. March 13. All three lectures are part of the School of Architecture's Monday Night Lecture Series and will be in Steinberg Hall Auditorium.

Panel discussions linked to the

lectures will be held in Givens Hall. These sessions are "Culture and American Cities" at 2:30 p.m. March 12; "Design and American Cities" at 8:30 a.m. March 13; and "Democracy and American Cities," after Plattus' 1 p.m. lecture March 13.

In addition to Mumford and Tatom, faculty serving on the panels are Jo Noero, the Ruth and Norman Moore Professor of Architecture and director of the graduate architecture program; Casey Blake, Ph.D., associate professor of architecture and of history in Arts and Sciences; John Hoal, associate professor of architecture and director of the Master of Architecture and Urban Design program; Adrian Luchini, associate professor of architecture; and Tim Franke, assistant professor of architecture.

Invited participants include design professors Hashim Sarkis of Harvard Graduate School of Design, Roy Strickland of the MIT School of Architecture and Charles Waldheim, director of the Landscape Urbanism program at the University of Illinois—Chicago.

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).

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
Technician 990584
Secretary Receptionist (part time) 990881
Reimbursement Supervisor 990939
Data Analyst 990943
Insurance, Billing and Collection Assistant III 990954
Surgical Coding Coordinator 990956
Financial Operations Manager 990959
Lab Technician 991002
Programmer Analyst II 991010
Clinical Therapy Technician 991013
Secretary II 991018

Clinical Nurse Coordinator 991074

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.

Administrative Assistant 990119
Director, Arts and Sciences Annual Fund/Director of Development, Olin Library 990120
Researcher 990122
Switchboard Operator (part time) 990143
Apartment Referral Service Coordinator 990145
Public Service Coordinator (part time) 990152
Associate Director, Annual Giving Programs 990156
Secretary 990157
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

Library Technical Assistant (Serials) 990168
Private Grant Specialist 990169

Publications Editor 990170
Information Technology Manager 990171

Residential College Director 990172
Department Secretary 990173

Administrative Assistant 990175
Administrative Secretary (part time) 990177

Department Secretary 990179
Personal Computing Support Specialist 990182

Senior Shelving Assistant 990185

Deputized Police Officer 990186

Publications Editor/Writer 990187

Administrative Coordinator 990188
Assistant Director of Development, School of Business 990189

Department Secretary 990190
Retirement Benefits Manager 990191

Coordinator, Experiential Learning Program 990192
Data Manager and Analyst 990193

Data Manager and Analyst 990194
Administrative Assistant, Joint Degree and Graduate Programs 990196

Japanese Catalog Librarian/Subject Librarian 990197
Manager, Networking and Operations 990199

Program Director 990201
Administrative Assistant 990203

Billing Service Representative 990204

Campus Watch

The following incidents were reported to University Police from Feb. 15-21. 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.

Feb. 17

9:36 a.m. — A staff member reported that someone stole a printer, valued at \$300, from the shelving office on the first floor of Olin Library.

Feb. 19

4:05 a.m. — A student reported that a laptop computer, valued at \$2,000, was stolen from a lounge in Wheeler House.

Feb. 21

9:40 p.m. — A person, unaffiliated with the University, was arrested for burglary and trespassing after being observed in the basement of #3 Fraternity Row. The person had been warned twice previously about trespassing on campus.

University Police also responded to 10 additional theft reports, three peace disturbance reports, three reports of vandalism, two reports of suspicious persons,

one unauthorized party report and one auto accident.

Crime Alert

Since Jan. 1, University Police have received 18 reports of bicycle theft from the Hilltop Campus and the South 40. Some of these bicycles were improperly locked through the front wheel only.

Police advise members of the University community to secure all bicycles through the front wheel and the frame with high-grade security locks. Kryptonite U-locks are available free from the University Police with a \$20 deposit. Cyclists also are encouraged to participate in the police department's free bicycle registration program.

Report any suspicious activities or persons immediately to University Police at 935-5555 or by blue light phone, and contact the police if you have any information that might help in the investigation of these thefts.

A&E

University sets goal of \$55,000 for drive

— from page 1

and actors that puts us in touch with who we are and reminds us of what it means to be human."

Over the years the University has received A&E support for Edison Theatre, the Gallery of Art and the International Writers Center in Arts and Sciences, among others.

"Fund raising for the arts is a noble endeavor," said Lorin Cuoco, associate director of the International Writers Center, which receives funding for both its reading series and its conferences. "However, fund raising for the arts in the private sector is very difficult, as most noble endeavors are. A&E has been committing itself nobly for decades now, and we at the International Writers Center are eternally grateful.

"Everyone should give them more money," Cuoco concluded with a smile.

Notables

Of note

Edward Boccia, professor emeritus of fine arts in Arts and Sciences, is currently exhibiting his paintings and poetry at the Sheldon Concert Hall Gallery in St. Louis and at the Atelier A-E Gallery in New York. On March 20, Boccia will give a poetry reading, to be broadcast on educational television at a later date, at the New York gallery. ...

Linda J. Pike, Ph.D., associate professor of biochemistry and molecular biophysics, has received a two-year \$100,000 grant from the National Institute of General Medical Sciences for a project titled "Compartmentalization of Phosphoinositides in Caveolae." ...

David E. Pollio, Ph.D., assistant professor of social work, has received a \$117,956 grant as a subcontractor of Youth-in-Need for the project "Early Head-Start Community Collaborative." This program targets infants and families living in the most disadvantaged rural areas of St. Charles, Lincoln and Warren counties in Missouri. The goal is to enhance children's emotional, cognitive, physical and social development while helping parents achieve self-sufficiency. **Sally Haywood**, administrator for the Center for Mental Health Services Research, serves as evaluation administrator. The grant is from the U.S. Department of Health and Human Services' Administration for Children and Families. ...

Dwight A. Towler, M.D., Ph.D., associate professor of medicine, recently received a four-year \$977,161 grant from the National Institutes of Diabetes and Digestive and Kidney Disorders for a project titled "Transcriptional Regulation by Fibroblast Growth Factor," emphasizing transcription factor biochemistry and signal transduction in osteoblasts. ...

George Varghese, Ph.D., and **Subhash Suri**, Ph.D., both associate professors of computer science, and **Jonathan S. Turner**,

Ph.D., the Henry Edwin Sever Professor of Engineering, recently were awarded a three-year \$965,353 grant from the National Science Foundation for their project titled "Fast Scalable Level Four Switching."

Speaking of

John R. Blecke, Ph.D., associate professor of chemistry in Arts and Sciences, recently presented an invited talk titled "Metallabenzenes and Other Aromatic Metallacycles" at Truman State University in Kirksville, Mo. ...

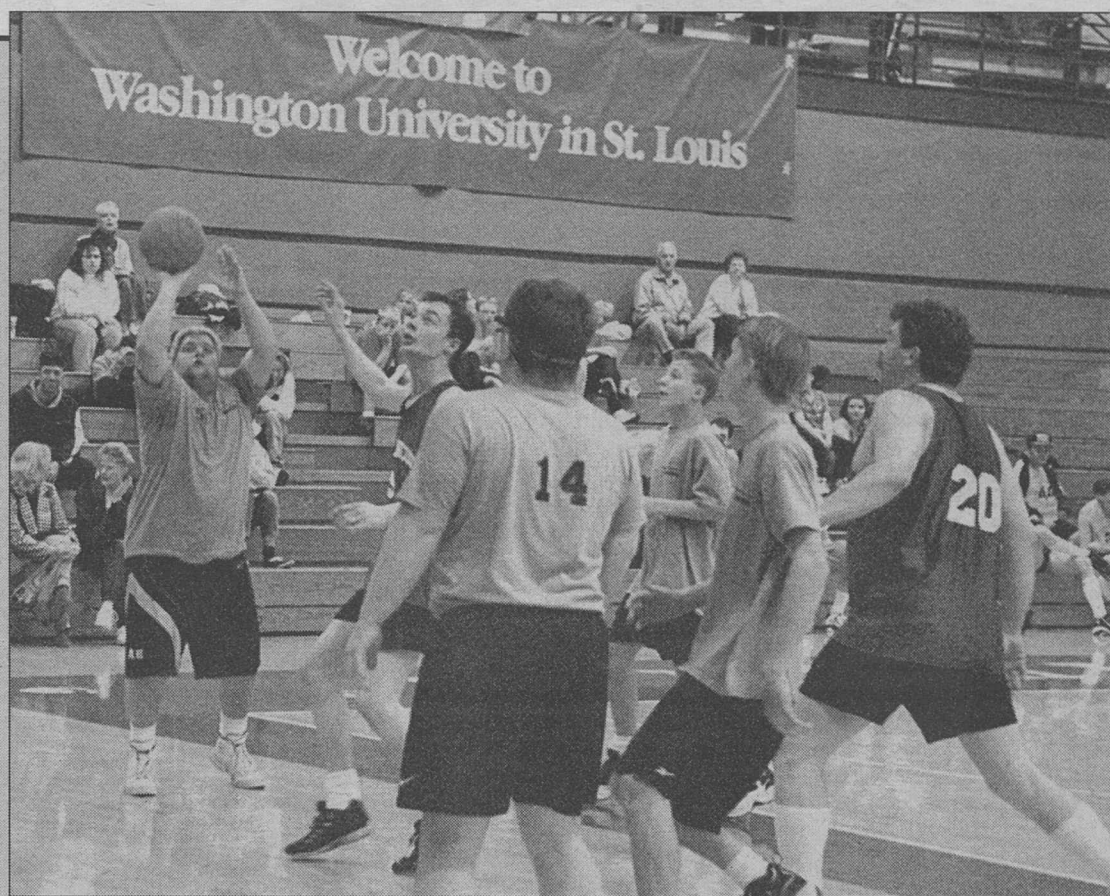
Jane Phillips-Conroy, Ph.D., associate professor of anatomy and neurobiology in the School of Medicine and associate professor of anthropology in Arts and Sciences, recently presented a paper titled "Multidisciplinary Research in the Ethiopian Baboon Hybrid Zone," as an invited participant in the symposium "Evolution of African Primates" in Inuyama, Japan. ...

On assignment

Joseph J.H. Ackerman, Ph.D., professor and chair of the Department of Chemistry in Arts and Sciences, recently organized and chaired the second biannual Cancer Study Group workshop of the International Society of Magnetic Resonance in Medicine. The workshop, titled "Magnetic Resonance in Experimental and Clinical Cancer Research" was held in Clayton, Mo., and included 28 speakers from around the world.

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 information, call 935-5293.



Nothin' but net A sharpshooter for the Old Gray Dragons fires away against the St. Francis County All-Stars at Saturday's Special Olympics Missouri East Area Basketball Tournament. The competition, held at the University's Field House, featured 50 teams and involved more than 500 student volunteers. Zeta Beta Tau fraternity and the Alpha Phi Omega service fraternity have sponsored the Special Olympics for 13 years.

Diversity

Students tackle vexing multicultural issues

— from page 1

rattling stuff off — I'm presuming about me."

Just trying to be yourself is difficult enough without having stereotypes imposed on you, said one female participant. "Not every black person grew up in the ghetto," she said. "I have no point of reference for that, it's not something that I can be true to. That's not my 'black experience.'"

The pressure from within one's own culture to conform to the perceived norm can be especially vexing to some African-American students, said sophomore Keri McWilliams. "If you're in a predominantly black high school or even a half-and-half high school, you have that pressure to stay within the norm — to not persevere or excel. There's the feeling that you're 'trying to be better than us' or that 'what you are is not good enough.' But is being a leader or studying hard 'being white'?"

The stereotypes are as hackneyed as they are rampant: talking properly is white culture, being cool is black culture,

intelligence in science or math is Asian culture.

Sophomore Alan Kwok is perplexed by the pigeonholing. "I'm an active person," he said. "I do climbing, I do hiking, I do skydiving, scuba diving, surfing, you name it. One night a friend told me, 'Wow, you're so American.' In a way I am struck by the comment. First of all, I don't know what is 'American.' Yes, I call myself Asian American, but I have my roots in Hong Kong, where I was born.

"By that, he's saying Americans are active and outgoing — he is elevating Americans," Kwok continued. "At the same time, does he mean that Asians are all the opposites of Americans? The way he said it implied two extremes. One is extrovert, one is introvert. One is outdoors, one is sheltered."

Stereotypes exist — both inside and outside the race, Kwok said. "People are being taught to act a certain way, taught to perceive their own race in a certain way," he said. "If you take a child who is three years old, he doesn't know the concept of 'multicultural.' Because a child perceives everyone the same. They will hang out with anyone with the same interests. But then there is the socialization process — how we are taught by our family or by our school system — in which we

get this cultural identity. Now, that has merits. But sometimes people perceive their own race as superior and that is the problem, the conflict."

The trap of false perception snared several in the forum, thanks to the Cultural Diversity Players, a student troupe that performed a series of skits laced with irony and intelligence. In one, a black female and a black male are seated side by side. Alternately, the two characters inwardly muse about having finally found that special person, plot a follow-up encounter and fret about rejection. On several occasions, the characters' lines intertwine for a few seconds. Finally, both get up the nerve to propose a date. Abruptly, the black female turns to her right and asks out the Asian female seated beside her. Simultaneously, the black male turns to the right and invites the white female next to him.

McWilliams was one of many in the audience caught off guard. "It made me question things about myself that I may not have wanted to acknowledge in terms of the labels we put on people every day," she said. "I guess we all have to keep searching for ways to push ourselves and each other beyond what is easy, in our actions and in our minds."

Seminars, consulting services available for employees with investment queries

Faculty and staff can learn more about the University's retirement annuity plan and retirement investing through two programs offered by the Office of Human Resources.

The first provides seven investment education seminars scheduled at the Hilltop, Medical and West campuses. During each seminar, consultants from TIAA-CREF and Vanguard will review the importance of compounding, using the University's plan, investment categories, the relationship between risk and reward and the importance of asset allocation.

The seminars are scheduled for:

- **Hilltop** — 9 to 11 a.m. March 16 in Room 310 Anheuser-Busch Hall and from 2 to 4 p.m. March 17 in Room 30 January Hall;
- **Medical** — 2 to 4 p.m. March 16; 5:30 to 7:30 p.m. March 17; and 8:30 to 10:30 a.m. March 18, all in Cori Auditorium.

- **West** — 9 to 11 a.m. March 17 and 2 to 4 p.m. March 18 in Room A/B in the Library Conference Center.

Reservations and registration are not required. For more information about the University's retirement investment funds, employees may call TIAA-CREF at (800) 842-2733, ext. 5509, or Vanguard at (800) 523-1188.

Also, for the second year, representatives from TIAA-CREF and Vanguard will provide retirement consulting services

answering questions such as: How should I invest my money? How much do I need for retirement? How should I save to get there? How can I take my retirement income? How should I save for retirement vs. college vs. emergencies?

TIAA-CREF consultants will be on campus the fourth Tuesdays, Wednesdays and Thursdays of each month through October. The 45-minute sessions will be available by appointment only. Appointments can be scheduled on the Hilltop or Medical Campus by calling (800) 842-2005.

The Tuesday sessions will be in North and South Brookings Hall, and Wednesday and Thursday sessions will be at the medical school's Human Resources Office, 4480 Clayton Ave., with the rooms to be determined at the time the appointment is made.

A Vanguard consultant will be available in March for 30-minute sessions. Appointments are required and can be made for either the Hilltop or the Medical Campus by calling (800) 662-0106 ext. 14629.

Vanguard sessions March 16 will be in the student financial services conference room in North Brookings Hall and March 17 at the Human Resources Conference Room 1145 at the medical school.

The consulting services are in demand, so interested faculty and staff should register as soon as possible.

Obituaries

Joseph West, otolaryngology professor

Joseph W. West, M.D., clinical associate professor of otolaryngology at the School of Medicine and a retired St. Louis otolaryngologist, died of complications from cancer and a stroke Thursday, Feb. 11, 1999. He was 77.

A Kirkwood resident, West was in private practice for 44 years before retiring in 1995. He was on staff at the former Barnes Hospital, St. Louis Children's Hospital, St. Joseph Hospital of Kirkwood and St. Luke's Hospital.

West also taught and performed reconstructive nasal surgery at the medical school and in eight foreign countries. He spent many years directing the otolaryngology

residency programs at Homer G. Phillips Hospital and at St. Louis City Hospital.

Born in Binghamton, N.Y., West graduated from Duke University School of Medicine in 1944 before serving as a medical officer in the Army Air Force for two years. He joined the Washington University faculty in 1951 after a residency in the Department of Otolaryngology.

He was past president of the St. Louis Ear, Nose and Throat Club, the Missouri State Otolaryngology Society, the medical staff of St. Joseph Hospital of Kirkwood and the American Rhinologic Society. West also sang in the choir of the First Presbyterian Church of

Kirkwood for more than 30 years and served as a church deacon, trustee and in other capacities. A memorial service was held at the church Feb. 20. The body was donated to the medical school.

Among the survivors are his wife of 52 years, Jane M. West; four sons, Louis West of Hampstead, N.H.; Robert West of Des Peres, Mo.; Frederick West of Seattle; and Daniel West of Los Gatos, Calif.; and nine grandchildren.

In lieu of flowers, memorial contributions may be made to the Hunger Fund and Choir Fund at First Presbyterian Church of Kirkwood, 100 E. Adams Ave., St. Louis, Mo., 63122.

Washington People

Stunning end-around play ... from football to biology

Renowned scientist
Ralph Quatrano's
academic career
began with sports

BY TONY FITZPATRICK

The end-around play in football calls for a pass receiver to reverse his apparent course and go around the other way to take the ball and run. When successful, it's a thing of beauty. Unsuccessful, it's an obvious, miserable mistake.

Ralph S. Quatrano, Ph.D., the Spencer T. Olin Professor in Arts and Sciences and new chair of the Department of Biology, pulled off a stunning end-around while a student at Colgate University, Hamilton, N.Y. He reversed his direction away from teaching and coaching and toward the arcane world of plant cell biology.

Quatrano's chronology reads like a drastic mutation of the old boy-meets-girl routine: High school star athlete meets girl, rubs elbows with football immortal Ernie Davis, attends Colgate University on athletic scholarship to play football and lacrosse, marries his high school sweetheart and goes on to international fame and glory as ... a cell biologist.

"I was in college strictly to play sports and get a teaching degree so I could become a coach," said Quatrano in his barren Rebstock Hall office. He had just hit town a few days earlier from Chapel Hill, N.C., where his wife, Barbi, was closing on the sale of their Chapel Hill residence, and he was preparing to close on their new St. Louis home near the Central West End.

"At Colgate, I chose biology as a major because I figured that's what coaches teach, health and basic science," Quatrano said. "My junior year I got interested in a chemistry course, and then I had the rare opportunity — at the time — to work with a professor of plant physiology on a National Science Foundation-sponsored project. I became fascinated with how plants function."

Abrupt change

Quatrano got a bachelor's degree in botany and decided he wanted a master of science in teaching, which he pursued at Ohio University in Athens. While still thinking he'd become a teacher and coach, he worked with a professor who had just earned a Ph.D. in botany from Yale.

Abruptly, Quatrano's life changed. "Within two years I went from the mindset of teaching and coaching to pursuing a Ph.D. program in cell biology at Yale, a tremendous swing of the pendulum," he said.

Big, broad-shouldered and barrel-chested, Quatrano still looks the part of the football lineman, and his bearing is all the more incongruous in light of his specialty, the microscopic world of cell development in plants and a special model system, the brown alga known as *Fucus*.



Ralph Quatrano, Ph.D., the Spencer T. Olin Professor and chair of the biology department in Arts and Sciences, discusses plant biology with doctoral student Phil Harries.

Sports was a natural for Quatrano, a first-generation Italian-American, whose father emigrated from Naples and became a well-known coaching and recreation figure in Elmira, N.Y. Quatrano excelled in all sports and was a close friend and teammate of Ernie Davis, who went on to fame as a running back in the early '60s at Syracuse University. Davis was named the Heisman Trophy winner in 1962, the first African-American to receive the award. Quatrano played high school football and basketball with him.

The Ernie Davis story, well-known to babyboomers and their parents, turned into tragedy when, shortly before he was to begin his professional career with the Cleveland Browns, he was diagnosed with leukemia. He died before his potential could be realized.

"That was my first confrontation with mortality, and it was a terrible blow," Quatrano said. "Ernie was the greatest natural athlete I've ever seen, and there is no doubt in my mind that he would have been a classic role model for young kids, because he was a tremendous person as well."

Quatrano, whose second cousin, Phil Villapiano, was a stand-out linebacker for the Oakland Raiders, can easily fill a fun afternoon with vivid sports stories, but he can go on even longer about his overriding

passions, teaching and research. His work has focused on patterns of embryo formation, and how the patterns lead cells to acquire traits or characteristics of the mature embryo during seed development. His basic models are *Fucus* and embryos of developing cereal seeds.

His expertise has resulted in a distinguished career at several outstanding universities and in industry, visiting appointments at world-renowned institutions, authorship of more than 120 scholarly articles, editorial positions with outstanding journals and worldwide renown in his field. And, on July 1, 1998,

"... That's what I have here: an opportunity to strengthen an already strong biology department and, as a faculty member here, to be part of a world-class center. That combination is really powerful."

RALPH S. QUATRANO

his prominence led him into the position of biology chair at Washington University. As 1999 begins, Quatrano is poised to help shape a department for the next century and embark on exciting plant science research with consortium members of the newly formed Donald Danforth Plant Science Center.

Teaching career

After receiving a Ph.D. in biology from Yale in 1968, Quatrano began his career at Oregon State University, where, in nearly 20 years, he rose from assistant professor in 1968 to professor in 1978 to director of the Center for Gene Research and Biotechnology in 1984. At Oregon State he established his reputation as a researcher and teacher, publishing some landmark papers in developmental biology and receiving awards for his teaching.

He left Oregon State in 1986 to join Du Pont Co. in Wilmington, Del., as research manager of molecular biology in the Central Research Department. He assumed the chair position in the Department of Biology at the University of North Carolina, Chapel Hill, in 1992, leading the department until 1997, when he took a visiting position at the University

of Naples in Italy and then spent a sabbatical in England at the University of Leeds and Cambridge University in 1998.

Quatrano and his wife were drawn to St. Louis by long-standing connections with Washington University, the charm of the community and University people, the students and faculty here and an "opportunity that was just too hard to resist," according to Quatrano.

Throughout his career, Quatrano had forged strong personal and professional relationships with biology department members Roger Beachy (now the new director of the Plant Science Center, freshly arrived from Scripps Research Institute), the late Joseph Varner, and current faculty members David Ho, David Kirk and Ursula Goodenough, to name a few.

"David Ho called me in late '97 and told me that there were new developments here that I'd find interesting," Quatrano recalled. "And then David filled me in on plans for the Plant Science Center, and everything sounded intriguing."

Quatrano knew that the chair position had been open, but was more inclined to do research in England. Moreover, he and Barbi were happy at North Carolina, where they have a place they enjoy in the Blue Ridge Mountains. Still, at Ho's urging, Quatrano looked into the situation.

'A big draw'

"The concept of a center involving Washington University, Monsanto Co. and the Missouri Botanical Garden, plus regional universities, was a big draw, and then I realized the University and Monsanto were going to commit serious resources to it, and everyone I talked with in the biology department considered it such a strength for the department and the University," he said.

"When I went to the man who hired me at North Carolina and told him of the offer, he said, 'That's not an offer, that's an opportunity.' And that's what I have here: an

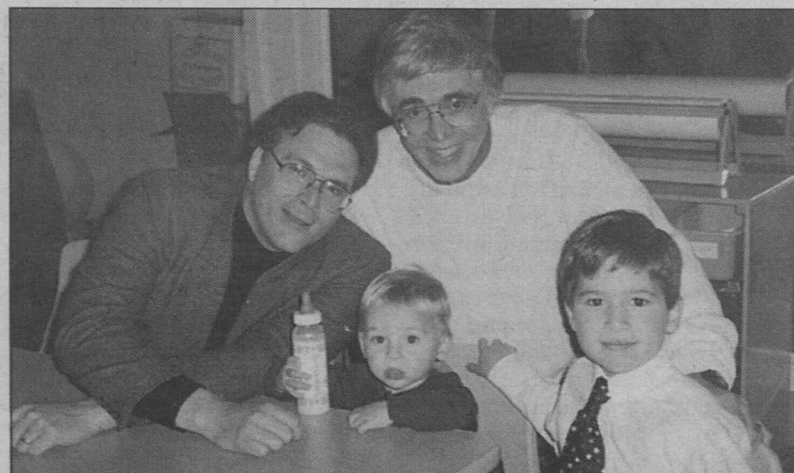
opportunity to strengthen an already strong biology department and, as a faculty member here, to be part of a world-class center. That combination is really powerful."

Quatrano and his wife have three grown children and five grandchildren who live in the divergent points of Atlanta, Boston and San Francisco. Family is important to Quatrano, who calls himself a workaholic, with barely enough time these days to enjoy his less competitive pastimes of handball and racquetball.

"Barbi and I were delighted that by coming to St. Louis, we're now closer to all three children by air," he said, grinning.

As for departmental goals, Quatrano hopes to enhance undergraduate research experiences, already one of the department's strong suits, and to bring in faculty who can show students the importance of biology in all aspects of life.

"In the next century biology is going to be a central discipline in everyone's lives because of two words — health and environment," he said. "I think it's very important for this department to have strong, broad offerings so that students across disciplines can have a thorough exposure to and understanding of biology."



Ralph Quatrano (at rear) enjoys his family, including his son, Steve, and two grandsons — Ben, son of his daughter, Beth, and Allie, Steve's son.

Ralph S. Quatrano, Ph.D.

Raised in Elmira, N.Y.

Education Colgate University, B.A.; Ohio University, M.S.; Yale University, Ph.D.

Position The Spencer T. Olin Professor and chair, Department of Biology in Arts and Sciences

Family Wife, Barbi; three children, Beth, Carrie and Steve, and five grandchildren

Hobbies Handball and racquetball