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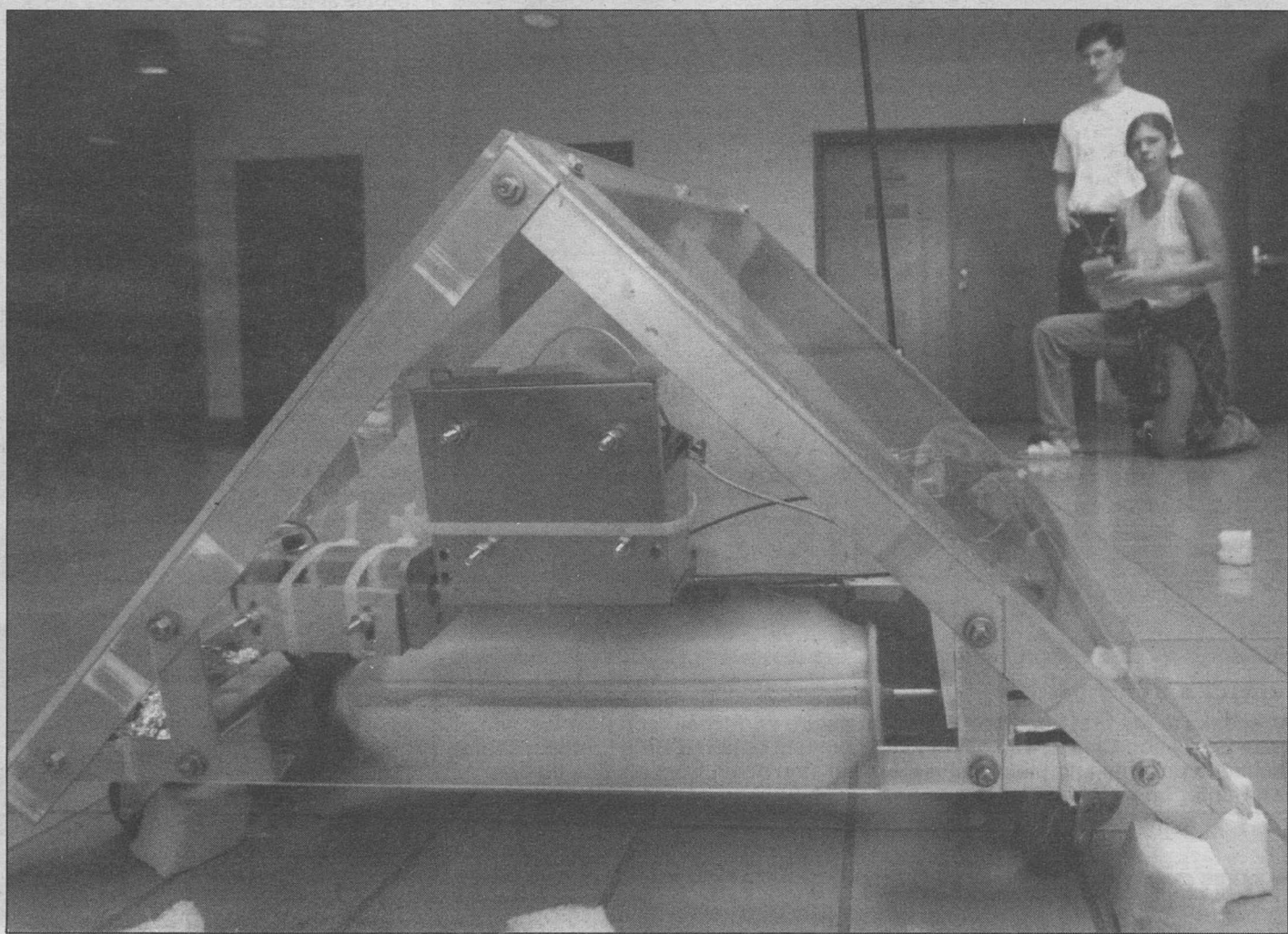
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WASHINGTON UNIVERSITY IN ST. LOUIS

Vol. 21 No. 27 April 10, 1997



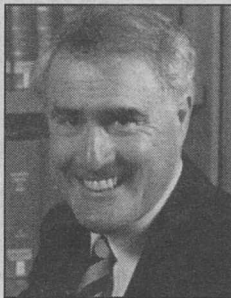
DAVID KILPER

The Age of "Reason"

School of Engineering sophomore Karen Reed and freshman David Discher direct their robot, "Reason," to locate and collect two-inch foam-rubber cubes. Eleven engineering school students, sponsored by Roger D. Chamberlain, D.Sc., associate professor of electrical engineering, spent six months designing and building robots to perform physical tasks. The challenge was part of the 10th annual W.J. "Jerry" Sanders Creative Design Contest held March 14-15 at the University of Illinois, Urbana-Champaign (UIUC). "Reason" finished seventh out of a field of 40, and another Washington University robot, "The Lisa," finished fourth in the contest. Teams from five Midwest universities competed. The contest is sponsored by UIUC and Advanced Micro Devices Inc. (AMD), an international semiconductor company. More information on the competition and the engineering school's robotics team can be found at <http://www.ee.wustl.edu/robot>.

Former prime minister of New Zealand to be Commencement speaker

The Right Honorable Sir Geoffrey Winston Russell Palmer, former prime minister of New Zealand, will deliver Washington University's 136th Commencement address on May 16. The title of his talk is "The Future, the University and Education." Commencement



Sir Geoffrey Palmer

begins at 8:30 a.m. with the traditional academic procession into Brookings Quadrangle. Palmer will receive an honorary doctor of laws during the ceremony. "I am delighted that an individual of Sir Geoffrey Palmer's stature will give the Commencement address," said Chancellor Mark S. Wrighton. "He is known internationally for his leadership of the government of New Zealand and for his advocacy on behalf of a worldwide approach to economic growth and environmental sustainability, issues that should be of concern to all of us."

Palmer has delivered two previous talks at the School of Law.

Continued on page 7

Schuchard named first Desmond Lee professor

Citing a strong belief in individual responsibility and service to the community, E. Desmond Lee announced a new endowed professorship supporting school-community involvement at Washington University with a gift of \$1.5 million. Lee, who is this year's St. Louis Man of the Year, made the announcement in his acceptance speech during the award ceremony on Thursday, April 3, at Powell Symphony Hall. Lee said he was establishing the E. Desmond Lee Endowed Professorship for Community Collaboration in perpetuity. The chair will move from school to school at the University in five-year intervals, beginning with the School of Art.

W. Patrick Schuchard, associate professor and head of the painting program in the art school, is the first person selected for the professorship, announced Joe Deal, dean of the art school. "Pat has a long-standing involvement in the St. Louis community as an advocate for the arts, with initiatives that include town meetings, open forums and other arts-related efforts to generate new ideas," Deal said.

Both Chancellor Mark S. Wrighton and Board of Trustees Chairman William H. Danforth were asked to comment during the St. Louis Man of the Year ceremony.

Continued on back page

A network for the future

University chosen for new national supercomputing partnership

Washington University has been selected as one of 11 prominent data storing and distributing sites in a new national supercomputing association that seeks to compute, move and store vast amounts of images and data at previously unattainable speeds and volumes.

Sponsored by the National Science Foundation (NSF), the National Partnership for Advanced Computational Infrastructure (NPACI) will build a comprehensive, national computational infrastructure providing computing tools to empower scientists and engineers in wide-ranging disciplines to achieve research goals. Altogether, NPACI draws on more than 150 researchers working in a network of 37 institutions in 18 states.

The new partnership is led by the San Diego Supercomputer Center at the University of California at San Diego (UCSD). Beginning Oct. 1, the new partnership will receive \$170 million over a five-year period with the possibility of a five-year extension.

The infrastructure provided by NPACI will be used to tackle currently stymied scientific and engineering problems facing the nation, such as climate and weather prediction; the design of complex drugs and of building materials; and computerized maps of the human brain. The infrastructure is expected to spur development among computer vendors and support competitiveness in industry with higher-performance computing and communications services than previously available.

It also will support the educational community by developing electronic environments to encourage long-distance collaboration and to provide new and faster delivery mechanisms for electronic information.

The University has been designated as an archival and networking site where data will be stored and transmitted to the 10 other collaborators nationwide.

The University's strengths in networking and high-speed fiber optic computing, plus ambitious biomedical engineering projects such as brain mapping, made the University an attractive partner in the association, said Jerome R. Cox Jr., Sc.D., the Harold B. and Adelaide G. Welge Professor of Computer Science and the

Continued on back page

John R. Loya joins Washington University as vice chancellor for human resources

John R. Loya has been named vice chancellor for human resources at Washington University effective July 1, according to Chancellor Mark S. Wrighton.

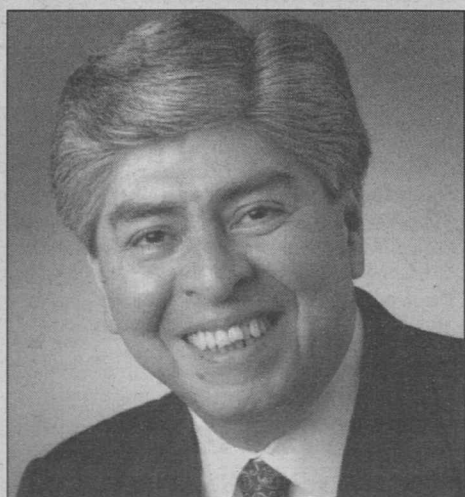
Loya has nearly three decades of experience as a human resources officer, including the last five years as associate vice president and chief human resources officer of the University of Texas M.D. Anderson Cancer Center in Houston. He previously served as vice president for human resources at Northwestern Memorial Hospital in Chicago from 1987 until

1992. Northwestern Memorial Hospital is affiliated with the Northwestern University School of Medicine.

Loya succeeds Gloria W. White, who will retire on June 30 as vice chancellor for human resources after serving 22 years as the chief personnel officer of the University.

"I am very pleased that John Loya has agreed to join us as Washington University's chief human resources officer," Wrighton said. "He brings with him a breadth of experience in

Continued on page 5



John R. Loya

In this issue ...

Trauma training 2

The medical school is starting the first emergency-medicine residency program of its kind in the region

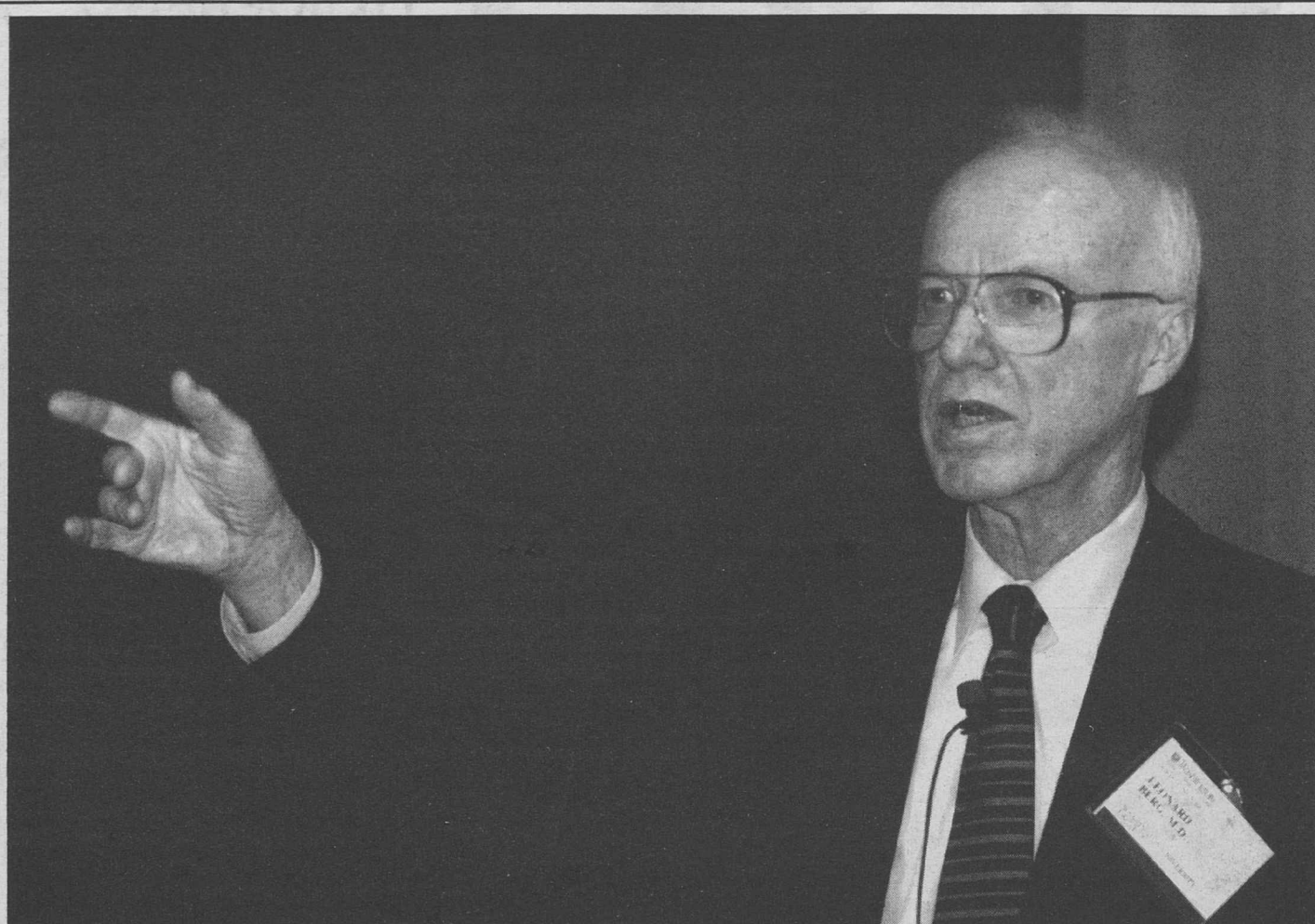
Dedicated to detail 3

Carl Safe's commitment to quality shows in his work in the School of Architecture and beyond

Outstanding citizen 7

Jerome R. Cox Jr., Sc.D., honored with Elliot Society award for service to the University

Medical Update



Leonard Berg honored at Alzheimer's symposium

Leonard Berg, M.D., professor of neurology, speaks at the first Leonard Berg Symposium on Alzheimer's Disease, which was held Friday, April 4, in the Eric P. Newman Education Center. The daylong symposium honored Berg for his research and for his contributions to the care of Alzheimer's patients and their families. He will step down from his position as director of the Alzheimer's Disease Research Center on May 1.

School creates emergency-medicine residency program

About 100,000 patients visit the emergency departments at Barnes-Jewish and St. Louis Children's hospitals each year, bringing enough trauma and disease to keep any student of emergency medicine busy for years. But residents who wanted to specialize in emergency medicine have always had to go elsewhere for their training — until now.

This summer, 10 residents will inaugurate a new School of Medicine residency program in emergency medicine. The program, the first of its kind in the region, will help establish the medical school as a premier center for emergency care and research, said Dane M. Chapman, M.D., Ph.D., associate professor of medicine and program director.

Chapman joined the medical school in 1996 to help start the new program. "I saw that the potential here was just phenomenal for establishing one of the best emergency residency programs in the country," he said.

Residents from several specialties currently serve short rotations in the emergency department, but Chapman believes a couple of months isn't enough time to learn many of the subtleties of emergency medicine. "The emergency department will be the home of the new residents," Chapman said. "The standard of care will improve because emergency-medicine residents will have a chance to fine-tune their responses to the serious injuries and diseases they see."

Residents in the four-year program will spend about half of their time treating patients in an emergency department at either Barnes-Jewish, Children's or a private hospital. In addition to attending five hours of academic conferences each week, the residents also will rotate in specialties such as trauma, orthopaedics, toxicology and pediatrics.

For Lawrence M. Lewis, M.D., associate professor of medicine and chief of the Division of Emergency Medicine, the new program is a long-awaited reward for 15

years of hard work. Ever since he began practicing emergency medicine at Saint Louis University, he has wanted to help start an emergency residency program in St. Louis. He came to the medical school in 1994 hoping to achieve that goal.

"The St. Louis area has a low number of residency-trained emergency physicians, and Missouri as a whole has an exceedingly low number," Lewis said. "We realized that there's a definite need for the program — both for the metropolitan area and for the state."

Until recently, almost all emergency-medicine residency programs were based in county and community hospitals. Now that academic centers such as the medical school are starting programs of their own, Lewis expects to see a flurry of advances in emergency medicine.

"Establishing a program at an academic institution of this stature gives us the opportunity to do world-class research and attract high-quality people to the specialty," he said. — Chris Woolston

Charles Zorumski named new head of psychiatry department

Charles F. Zorumski, M.D., professor of psychiatry and associate professor of anatomy and neurobiology, has been named head of the Department of Psychiatry. He also will become psychiatrist-in-chief at Barnes-Jewish and St. Louis Children's hospitals, pending confirmation of the hospitals' boards of trustees.

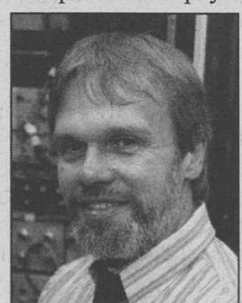
The appointment, effective April 1, was announced by William A. Peck, M.D., executive vice chancellor for medical affairs, dean of the School of Medicine and president of Washington University Medical Center.

"Chuck Zorumski excels as a clinician, researcher and teacher and is a well-rounded person," Peck said. "I have enjoyed very much our discussions culminating in his acceptance of this most important position. I believe that Chuck will provide the leadership necessary to enhance one of the best departments of psychiatry in the world."

Zorumski replaces Samuel B. Guze, M.D., who headed the department from 1975 until 1989 and again from 1993 to the present. Guze, who will remain the

Spencer T. Olin Professor of Psychiatry, is stepping down to teach and continue his research.

"We are extremely fortunate to have Zorumski available to assume the important position of psychiatrist-in-chief for



Charles F. Zorumski

Barnes-Jewish and St. Louis Children's hospitals," said Alan W. Brass, president of Barnes-Jewish Hospital and executive vice president for operations of BJC Health System. "His clinical expertise and leadership capabilities ensure continuation of the excellent psychiatric services that have been so ably advanced during Dr. Guze's tenure."

Zorumski is a renowned expert on depression and its treatment. His clinical research focuses on the safety and efficacy of electroconvulsive therapy (ECT) in patients with psychiatric disorders.

He is particularly interested in synaptic

transmission and the ways that brain cells communicate in the hippocampus, a brain region important to learning and memory. Zorumski is a noted authority on the phenomenon known as long-term potentiation, a natural process in the hippocampus that enhances cellular communication. Zorumski's lab is one of only a few in the world specializing in this area.

Zorumski serves on the editorial board of the journal *Neurobiology of Disease* and is an ad hoc reviewer for dozens of other journals.

He received a bachelor's degree in chemistry in 1974 and a medical degree in 1978, both from Saint Louis University. Following completion of a psychiatry residency at Washington University Medical Center in 1983, where he was bestowed the honor of chief resident, Zorumski joined the faculty as an instructor in the psychiatry department. He was promoted to full professor of psychiatry and neurobiology in 1993.

Zorumski's predecessor, Guze, helped the University's biological approach to psychiatric illness gain acceptance in the medical community.

Scientists clarify links between depression and heart attacks

School of Medicine investigators have found that depression may interfere with the heart's normal rhythm and can put people at increased risk for heart attack and premature death.

The finding was reported March 21 at the annual meeting of the American Psychosomatic Society in Santa Fe, N.M. Phyllis K. Stein, Ph.D., research instructor of medicine, said that depression appears to affect the heart's rhythm, and more severe depression has a greater adverse effect. Working with Robert M. Carney, Ph.D., professor of medical psychology in psychiatry, Stein found that severe depression is associated with a significant reduction in a measurement called heart-rate variability, the heart's response to normal body fluctuations such as blood pressure, breathing and body temperature.

"When the heart rate is less flexible, the system is less able to adapt, and cardiac risk increases," Stein said. "In fact, past studies have found that, in patients who have had a heart attack, low heart-rate variability is associated with a five-fold increase in risk of death within a year."

Investigators have known for years that when people with heart disease become depressed, they have a higher risk of heart attack or of dying prematurely. One in every five heart patients suffers from severe depression and as many as a third have milder forms of depression with sadness, loss of appetite, sleep problems, fatigue and loss of interest in activities.

Studying 70 patients with documented coronary heart disease, Stein found that the 39 who also were depressed tended to have slightly higher heart rates and less heart-rate variability. Comparing 19 patients with moderate to severe depression to the other 20 whose depression was in the mild to moderate range, Stein found that the more severely depressed patients had significantly lower heart-rate variability than those with mild to moderate depression.

Stein and Carney believe severe depression may affect the autonomic nervous system, which controls heart rhythms, perhaps by changing the normal secretion of stress hormones.

Record

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Assistant editor: David Moessner, 935-5293

Production: Galen Harrison

Record (USPS 600-430; ISSN 1043-0520), Volume 21, Number 27/April 10, 1997. Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO, 63130. Periodicals postage paid at St. Louis, Mo.

Address changes and corrections:

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

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

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

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Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Washington People

Carl Safe teaches architecture by design

For Associate Professor of Architecture Carl B. Safe, it's all in the details.

Whether adding highly personal touches to his exquisitely designed tables, restoring the facade of the 1924 Tivoli Theatre, or creating just the right design problem for his students, Safe innately understands the delicate relationship between each individual piece and the whole.

This ability to focus on individual parts while maintaining an overall perspective enabled Safe last summer to sort through master photographer Lucien Hervé's thousands of negatives and emerge with a breathtaking exhibit of Le Corbusier's Notre Dame du Haut. The exhibit of the Parisian's highly artistic photographs, "The Lens of Architecture: Ronchamp through Hervé," recently was displayed in the Gallery of Art at Steinberg Hall and now is traveling to various schools of architecture around the country.

Safe describes the soaring structure of the Notre Dame du Haut church in Ronchamp, France, as "one of the most important icons of 20th-century architecture." Said Safe: "For me, it represents the best that architecture has to offer, architecture that is truly capable of lifting the human spirit. It proves it is possible to make poetry."

After spending weeks in Hervé's Parisian office — a roughly 10-by-16-foot room, lined floor-to-ceiling with shelves stocked full of binders, each crammed with pages of negatives — Safe ultimately gleaned 45 never-published images. In describing the 86-year-old photographer's life's work, Safe hones in on Hervé's eye for detail.

"Hervé considers photography a type of collage," Safe said. "His interest is in photographing compositions, bits, pieces, intersections, textures and parts."

For Safe, attention to these bits and pieces is the ultimate role of architects as they strive to create context and give meaning to their work.

"It is a constant struggle in my own practice to discover how connections can be made between people and the built environment," he said. "One of the ways is through detailing."

Whether renovating a private home or tackling major restoration of businesses in the University City Loop, Safe brings fine architectural craftsmanship and the keen eye of an artist. His care is exhibited in the hundreds of detailed covers he designed for the bolts that resecured the Tivoli Theatre's facade to the building, as well as in the overall final impression of the streetscape in The Loop. The facade's decorative, pre-cast concrete panels, including two large arches breaking the line of the parapet, give the building a majestic appearance. The inviting, well-lighted windows of the seven storefronts below clearly define the boutiques on the street level and beckon strolling shoppers.

The owners of the Tivoli and nearby Blueberry Hill Restaurant & Pub, Joe and Linda Edwards, a 1976 alumna of the School of Architecture, said they are delighted with Safe's transformation of both locations.

"At Blueberry Hill, he took off the entire front and rebuilt it," Joe Edwards said. "He opened up the upper-level windows, allowing us to display neon lights that really add vibrancy and color. He designed the canopy over the entrance, the corner display window and the fine cabinets for the Chuck Berry display inside."

At the Tivoli, Safe and the Edwardses gutted and rehabilitated the building — the upper levels of which once had been condemned because deteriorating panels posed a threat of falling on the sidewalk below.

"I'm thrilled with the results," Edwards said. "That building has made a whole difference to the surrounding community. It's a signal that this area is back to stay."

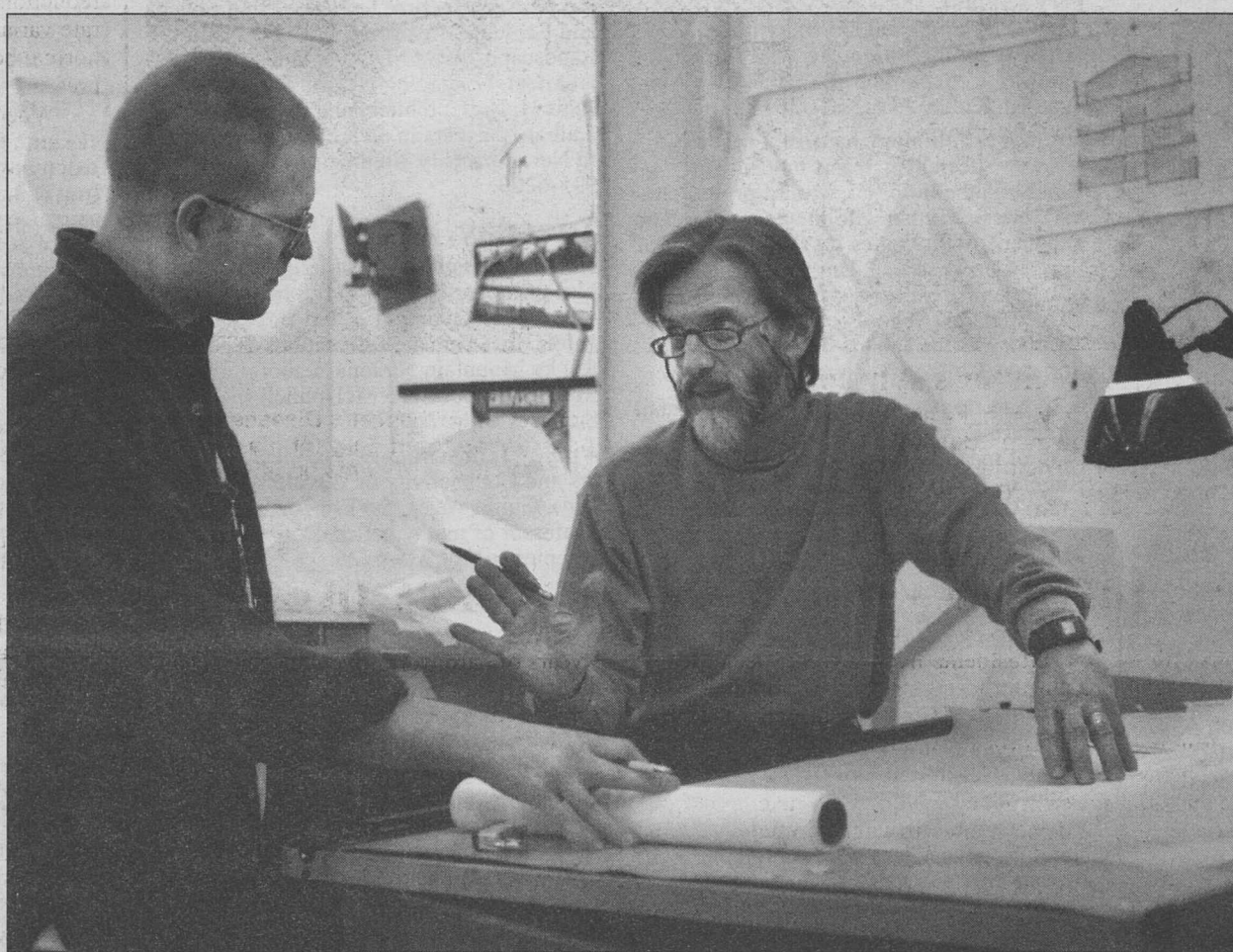
A resident of University City, Safe takes pride in work that benefits the community where he and his wife, Karen, raised their children, Eleanor, 24, and Jesse, 21. Safe's other work in The Loop includes renovating Streetside Records, characterized by large display windows and a black-and-white motif; and The Market, with long horizontal windows that offer glimpses of pizza dough being tossed and freshly baked bread cooling on racks. The Market also is noteworthy for its decorative

brick wall, which extends one story above the roof line and is cut away to allow the display of simple, blue-and-white banners signifying The Market's wares.

Safe believes his real-world experience carries naturally into the classroom. "I make the case that what I do is amazingly similar to what the students do, although theirs is rarely in danger of getting built," Safe said with a smile.

Cultural context

Safe joined the architecture faculty in 1970 shortly after receiving a master's of environmental design at Yale University's School of Architecture. He cites as one of his mentors the late Charles Moore, an American Institute of Architects (AIA) Gold Medal winner who was dean at Yale's School of Architecture when Safe was a student there.



Carl B. Safe talks with graduate student Timothy Wise. Teaching, Safe said, is a priority.

"Carl is dedicated to doing everything well — his insistence on quality is evidenced in all his students' work and in his own work."

— Cynthia Weese

Having worked in the Peace Corps in Bolivia — after receiving a bachelor's degree from the University of Minnesota's School of Architecture in 1966 — Safe brings to the studio an understanding of architecture in its cultural context. His international perspective was further influenced by travel to Brazil, Uruguay, Argentina, Peru and Mexico. Safe also harbors a special fondness for Paris — his students gave him and his wife an all-expense-paid trip there to mark his 20th anniversary at the architecture school.

Safe, who has served in various administrative positions at the University, including as director of the school's graduate program and as assistant dean, said he most enjoys teaching. His work at the architecture school also takes priority over his part-time architectural practice.

"I am a faculty member who practices, not a practitioner who teaches," Safe said.

Architecture Dean Cynthia Weese, FAIA, noted Safe's "numerous and invaluable" contributions to the school during the last 27 years.

"He is first and foremost a fine teacher and has been a strong influence on many students," Weese said. "Carl is dedicated to doing everything well — his insistence on quality is evidenced in all his students' work and in his own work."

Associate Professor of Architecture James R. Harris said Safe, a longtime friend and colleague, is a true creator.

"A few years ago, a group of us played a game where we tried to summarize a person in one word," said Harris, who also is dean of the architecture school's undergraduate program. "The word for Carl was 'maker.' The idea of the way things are made is very much a part of all of his work. Carl enjoys making things himself, and he always has projects under way. He brings that concern into the classroom, that sense of how things are made — the craft, materials and how they are used."

Safe also stresses the importance of making appropriate decisions regarding aesthetics, workable building plans, public space, responsible construction practices, energy efficiency and cost.

During a recent graduate studio critique, Safe's students dealt directly with these issues in their designs for an office building. As the students explained how they tackled building-code regulations while attempting to create desirable office space, Safe pored over their drawings and prodded them to help each other find solutions. He frequently asked: "Do you believe this?" or "Do you see anything here that causes you to be suspicious?"

When one student hit an impasse, Safe commented: "We probably can wriggle something out with enough chewing gum and paper clips, but can we figure out a solution that makes sense?"

'Humane architecture'

Graduate student Ann Patterson, who took an introductory lecture course and a design studio with Safe, said she was impressed by both Safe's dedication and his ability to challenge students.

"He made you understand architecture at a fundamental level and the logic

behind a design project," she said. "He questioned everything you did. He taught me that architecture is not about what you like or making selections based on style. It's about creating a building and understanding why."

Architecture alumnus Stephen White, AIA, who was both a student of Safe's and worked in Safe's practice in the late 1970s and early 1980s, said he was impressed by his mentor's use of humane details in his work, elements that recalled some aspect of the people who commissioned the project. For example, White cited a table made for a couple's 35th wedding anniversary in which Safe subtly included the couple's initials and the number 35 in the overall design.

"Carl adds personal details to design that he refers to as the '1/16th notes' of architecture," said White, who currently is acting dean at Roger Williams University in Bristol, R.I. "Sometimes architects get so interested in the more abstract composition of a building that they forget that we live there. Carl is very much aware of our presence — his work and teaching demonstrate that people are at the heart of the design process."

Weese noted that Safe's humanism extends to empathy for the disenfranchised.

"He emphasizes humane architecture, an architecture that takes into consideration the needs of those not always thought about — the homeless, the very young and the very old."

Safe also strongly believes that architecture should reflect the conditions and culture of the times. He expresses dismay over buildings of the late 20th century that exude forced historic referentialism. "It is too easy," he said. "Ultimately, it doesn't do our culture justice."

At the same time, buildings that lack almost any detailing also distress him. "I tell my students to drive to an apartment in the county and look for the detail," he said. "They find drywall surfaces meeting drywall, the floors are not finished, and there is no frame around the closet door. I challenge my students to subtract something and make it still habitable. Why would anyone want to live in that apartment?"

"As architects, it is our responsibility to make a compelling case for the value of 'quality' in the built environment," Safe said. "Details are a critical part of that quality."

— Ann Nicholson

Calendar

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

April 10-19



Exhibitions

"Curtain Time: Student Performing Arts at Washington University." Through May 30. Special Collections, level five, Olin Library. Hours: 8:30 a.m. to 5 p.m. weekdays. 935-5495.

Master of Fine Arts Thesis Exhibition. Opening reception: 5 to 7 p.m. April 18. Exhibit runs through May 4. Gallery of Art, upper and lower galleries, Steinberg Hall. Hours: 10 a.m. to 4:30 p.m. weekdays; 1 to 5 p.m. weekends. 935-4523.

"Midway." First-year master's of fine arts students host an exhibit representing a range of styles and media. Opening reception: 5 to 8 p.m. April 11. Exhibit runs through April 25. West Campus Bldg. Hours: 11 a.m. to 4:30 p.m. weekdays. 935-4761.



Films

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

Friday, April 11

7 and 9:30 p.m. Filmboard Feature Series. "Love and Human Remains." (Also April 12, same times, and April 13 at 7 p.m.)

Midnight. Filmboard Midnight Series. "The Breakfast Club." (Also April 12, same time, and April 13 at 9:30 p.m.)

Monday, April 14

3 p.m. Russian film. "Autumn Marathon, 1979." Room 219 South Ridgley Hall. 935-5177.

Tuesday, April 15

6 p.m. Japanese Film Series. "Violent Cop." Room 219 South Ridgley Hall. 935-5156.

7 and 9 p.m. Filmboard Classic Series. "On the Town." (Also April 16, same times.)



Lectures

Thursday, April 10

8 a.m. Medicine lecture. Michael and Irene Karl Lecture/Masters in Medicine Series. "Into the 21st Century: Physician Education and Evaluation," Herbert S. Waxman, prof. of medicine, Temple U., Philadelphia, and senior vice president for education, American College of Physicians, Philadelphia. Clopton Aud., 4950 Children's Place. 362-8065.

10 a.m. Biochemistry thesis defense. "Side Chain Behavior During Protein Folding: Equilibrium and Real-time Kinetic 19F NMR Studies of 6-19 F-tryptophan labeled E. coli Dihydrofolate Reductase," Sydney D. Hoeltzli, graduate student in biochemistry. Room 2918 North Bldg. 362-3365.

Noon. Genetics seminar. "A New Family of Human Genes Prominently Expressed in the Brain: Extensive Similarity to Loci in the C elegans Genome," Gail A. P. Bruns, Children's Hospital, Harvard Medical School. Room 823 McDonnell Medical Sciences Bldg. 362-3365.

1:10 p.m. Social work lecture. "The End of the Old Welfare System and the Uncertain

Future," Mark Greenberg, director, Center for Law and Social Policy, Washington, D.C. Brown Hall Lounge. 935-4909.

4 p.m. Assembly Series. Thomas D. Fulbright Lecture in American History. "Of Deer and Men: A Tale of Hunting, Law, Power and Literature in the Early American Republic," Alan Taylor, Pulitzer Prize-winning historian and prof. of history, U. of California at Davis. Graham Chapel. 935-5285.

4 p.m. Earth and planetary sciences colloquium. Buescher Colloquium. "Radar Astronomy: Where It's Been and Where It's Going," Gordon Pettengill, prof., Center for Space Research, Massachusetts Institute of Technology. Room 362 McDonnell Hall. 935-5610.

4 p.m. Neurology and neurological surgery seminar. The 42nd George H. Bishop Lecture. "Functional Diversity of GABAergic Inhibition," David Prince, Stanford U. School of Medicine. Cori Aud., 4565 McKinley Ave. 362-3365.

4 p.m. Pathobiology lecture. Lucille P. Markey Special Emphasis Pathway in Human Pathobiology Lecture/Spring Seminar Series. "Human Globin Gene Regulation and Genetic Strategies for the Treatment of Sickle Cell Disease," Tim M. Townes, prof. of biochemistry and molecular genetics, U. of Alabama Schools of Medicine and Dentistry, Birmingham. Third Floor Aud., St. Louis Children's Hospital. 362-3364.

4:30 p.m. Math colloquium. "Riemannian Structure From Laplacians," Nik Weaver, prof. of mathematics, U. of California at Los Angeles. Room 199 Cupples I Hall. 935-6726.

Friday, April 11

9:15 a.m. Pediatric Grand Rounds. The 10th Ben Abelson Memorial Lecture. "Immortal Sword — The Story of Thalassaemia and Modern Clinical Research," David G. Nathan, the Richard and Susan Smith Professor of Medicine, Harvard Medical School, and president, Dana-Farber Cancer Institute. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar. "Lipoxigenases and Arachidonic Acid Metabolites: Lessons From Transfected Cells and Knockout Mice," Colin D. Funk, U. of Pennsylvania, Philadelphia. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

4 p.m. Anatomy and neurobiology seminar. "Receptor Overboard! How Bradykinin Signaling Goes Off the Deep End in Alzheimer's Disease," Nancy L. Baenziger, research assoc. prof. of anatomy and neurobiology. Room 928 McDonnell Medical Sciences Bldg. 362-3365.

4 p.m. Hematology seminar. Topic to be announced. Room 8841 Clinical Sciences Research Bldg. 362-3365.

Saturday, April 12

9 a.m. Neural sciences seminar. Topic to be announced. Speaker is James McNamara, Duke U., Durham, N.C. Erlanger Aud., McDonnell Medical Sciences Bldg. 362-3365.

Monday, April 14

Noon. Molecular biology and pharmacology seminar. "Silencing the Type II Sodium Channel Gene: A Model for Neural-specific Gene Regulation," Gail Mandel, prof. of neurobiology and behavior, State U. of New York at Stony Brook. Needleman Library, Room 3907 South Bldg. 362-7078.

1 p.m. Environmental engineering lecture. "The Automatic Control of High-rate Anaerobic Fermentation Process by pH-controlled Feed on Demand," William Pretorius, the 1997 Association of Environmental Engineering Professors Distinguished Lecturer, U. of Pretoria, South Africa. Room 100 Cupples II Hall. 935-5456.

2 p.m. Islamic studies lecture. Topic to be announced. Speaker is Abdulaziz Sachedina, prof. of religious studies, U. of Virginia, Charlottesville. Room 30 January Hall. 935-4446.

4 p.m. Biology seminar. Biology as an Interdisciplinary Science: Frontiers for the 21st Century. "Signal Transduction Pathways in Plant Growth and Development," Nam-Hai Chua, prof. of plant molecular biology, Rockefeller U., N.Y. Room 162 McDonnell Hall. 935-6860.

4 p.m. Immunology seminar. "Why is JAK3 Expressed in Cardiovascular and Other Non-Lymphoid, Non-Myeloid Cells?" Larry E. Fields, asst. prof. of pathology and of medicine. Eric P. Newman Education Center. 362-8748.

4 p.m. Jewish and Near Eastern studies lecture. "Jewish Intellectual History — Methodological Reflections," Hava Tirosh-Samuels, assoc. prof. of religious studies, Indiana U., Bloomington. Hurst Lounge, Room 201 Duncker Hall. 935-8567.

6 p.m. Information-management lecture. "Objects Are the Advantage — For Companies and Careers," Gerald Porter, affiliate faculty, information management. West Campus Conference Center. 935-5484.

8 p.m. Architecture lectures. "Intuition and Ecology," "Working With the Natural Landscape," Arthur E. Bye, landscape architect. "Engaging Natural Forces," Janis H. Hall, architect and artist. Bye and Hall are partners in an architectural firm in New York City. Steinberg Hall Aud. 935-6200.

Tuesday, April 15

Noon. Molecular microbiology/microbial pathogenesis seminar. "Intracellular Survival of Chlamydia," Ted Hackstadt, chief, Host-Parasite Interactions Section, Rocky Mountain National Laboratories, Montana. Room 775 McDonnell Medical Sciences Bldg. 362-7258.

4 p.m. Math seminar. "Wavelet Multipliers and Connectivity of Wavelets" (continued), Guido Weiss, the Elinor Anheuser Professor of mathematics. Room 199 Cupples I Hall. 935-6726.

Wednesday, April 16

6:30 a.m. Anesthesiology Grand Rounds. "Adverse Outcomes in Pediatric Anesthesia," Jeffrey Morray, prof. of anesthesiology, U. of Washington School of Medicine, Seattle. Wohl Hospital Bldg. Aud., 4960 Children's Place. 362-6978.

8 a.m. Obstetrics and Gynecology Grand Rounds. "Using New Technology to Communicate Age-old Feelings and Lessons," Michael R. Berman, assoc. clinical prof. of obstetrics and gynecology, Yale U. School of Medicine and Yale-New Haven Hospital. Clopton Aud., 4950 Children's Place. 362-3143.

11 a.m. Assembly Series. The Women's Society Adele Starbird Lecture. "A Candid Conversation With Isabel Allende," Isabel Allende, best-selling Latin American novelist. (See story on page 5.) Graham Chapel. 935-5285.

11 a.m. Math doctoral oral. Topic to be announced. Suzanne Tourville, graduate student in mathematics. Room 199 Cupples I Hall. 935-6726.

1 p.m. Orthopaedic surgery lectures. "Cervical Spine Problems in Children," Robert Hensinger, prof. and section head, Dept. of Orthopaedic Surgery, U. of Michigan, Ann Arbor. Co-sponsored by the St. Louis Orthopaedic Society. Scarpellino Aud., first floor, Mallinckrodt Institute of Radiology, 510 S. Kingshighway. 747-2544.

4 p.m. Biochemistry and molecular biophysics seminar. "How Blood Clots," Kenneth G. Mann, prof. of biochemistry, U. of Vermont College of Medicine, Burlington. Cori Aud., 4565 McKinley Ave. 362-0261.

6 p.m. Orthopaedic surgery lecture and dinner. "When the Music Stops, Make Sure You Have a Seat," Robert Hensinger, prof. and section head, Dept. of Orthopaedic Surgery, U. of Michigan, Ann Arbor. Co-sponsored by the St. Louis Orthopaedic Society. St. Louis Club, 7701 Forsyth Blvd. 747-2544.

Thursday, April 17

1:30 p.m. Mental health seminar. "Measuring Outcomes of Interventions With Runaway and Homeless Youth," David E. Pollio, asst. prof. of social work, and Sanna Thompson, project coordinator, Homeless and Runaway Youths Evaluation, and graduate student, School of Social Work. Room 295 West Campus Administrative Center. 935-5687.

4 p.m. Earth and planetary sciences colloquium. "Plasmas — The Early Solar

System and Climate Dynamics," Alex N. Halliday, prof. of geological sciences, U. of Michigan, Ann Arbor. Room 362 McDonnell Hall. 935-5610.

4 p.m. Pathobiology lecture. Lucille P. Markey Special Emphasis Pathway to Human Pathobiology. "Epstein-Barr Virus: The Paradigm for Human Tumor Viruses," Bill Sugden, the James A. Miller Professor of Oncology, The McArdle Laboratory for Cancer Research, U. of Wisconsin, Madison. Seminar Room B, Eric P. Newman Education Center. 362-3364.

4:15 p.m. Philosophy lecture. "The Problem of Necessity," Valerie Lloyd, graduate student in philosophy. Stix International House living room. 935-6614.

7:30 p.m. African and Afro-American studies/English lecture. "Can Rabbits Have Interracial Sex," Werner Sollors, prof. of English, Harvard U. Hurst Lounge, Room 201 Duncker Hall. 935-5690.

Friday, April 18

9:15 a.m. Pediatric Grand Rounds. Iron Toxicity Symposium — Part I — Exogenous. "Iron Poisoning: Commonest Cause of Poisoning Death in Children," Milton Tenenbein, prof. of pediatrics, of pharmacology and of community health sciences, U. of Manitoba, and director of emergency services, Winnipeg Children's Hospital. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar. "Transcriptional Regulation of the Osteocalcin Promoter: Convergence of Msx2- and FGF-regulated Calvarial Gene Expression," Dwight Towler, asst. prof. of molecular biology and pharmacology and of medicine. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

Noon. Earth and planetary sciences brown-bag lunch/lecture. Topic to be announced. Alan D. Howard, Dept. of Environmental Sciences, U. of Virginia, Charlottesville. Room 104 Wilson Hall. 935-5610.

4 p.m. Information-management research colloquium. "Information Economics and Value," Robert J. Benson, prof. of information management. Room 104 Lopata Hall. 935-5484.



Music

Tuesday, April 15

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

Saturday, April 19

8 p.m. Graduate piano recital. Program includes Ludwig van Beethoven's Sonata in C minor, op. 111. Benjamin Binder, piano. Steinberg Hall Aud. 935-4841.



Performances

Friday, April 11

8 p.m. Nuyorican Poets Cafe Live! Co-sponsored by Edison Theatre's "OVATIONS!" series and the International Writers Center. (Also April 12, same time.) Cost: \$15 for the general public, senior citizens and WU faculty and staff; \$12 for WU students. West Campus Conference Center. 935-6543.

8 p.m. Performing Arts Dept. presents "Cabaret." Directed by Melanie A. Dreyer, artist-in-residence in drama. (Also April 12, same time, and April 13 at 2 p.m.) Cost: \$8; \$6 for senior citizens and WU students, faculty and staff. Edison Theatre. 935-6543.

Saturday, April 12

8:30 p.m. Student performance. "The Cast Quilt," a performance in light-color. Created and performed by WU sculpture students. 701 N. 15th St. 862-1643 or 361-2298.

Friday, April 18

8 p.m. Student dance concert. Co-sponsored by Thyrsus and CS40. (Also April 19, same time, and April 20 at 2 p.m.) Cost: \$4; \$3 for senior citizens and students. Dance Studio, Room 297 Mallinckrodt Center. 725-9156.

**Miscellany**

Registration continues for the following Office of Continuing Medical Education seminar: "Common Cancers — Prevention, Detection and Therapy" (April 25). Call 362-6891 for times, costs and locations and to register.

Thursday, April 10

7:30 a.m. Office of Continuing Medical Education seminar. "Fifth Annual Refresher Course and Update in General Surgery." Continues through April 12. The Ritz-Carlton, 100 Carondelet Plaza, St. Louis. Call 362-6891 to register.

Friday, April 11

Noon. Woman's Club mini-luncheon and program. Performing Arts Dept. will present scenes from "Cabaret." Open to Woman's Club members and their guests. Cost: \$9.50. Women's Bldg. Lounge. 862-6615.

7-10 p.m. The 14th annual St. Louis PRINTMARKET preview party. Print vendors from across the country will display and sell a range of works. Tickets to the preview party cost \$50 for the general public and \$35 for people 35 and younger. (The exhibit and sale continue April 12, 10 a.m. to 5 p.m., and April 13, noon to 5 p.m. Cost: \$5; \$2 for students.) Gallery of Art, Steinberg Hall. (See story on page 6.) 361-3737.

Saturday, April 12

10 a.m.-5 p.m. The second annual Book Arts Market. A wide selection of treasures by writers, artists, poets, doodlers and others. Bixby Gallery, Bixby Hall. (See story on page 6.) 935-4643.

12:30 p.m. Hillel Center event. Reform Students' Shabbat Lunch. Meet at the Wohl Student Center mailboxes. Call 862-3272 to RSVP.

7 p.m. Catholic Student Center event. "CSC Trivia Night." Cost: \$5; advance registration preferred. Catholic

Student Center, 6352 Forsyth Blvd. 725-3358.

Sunday, April 13

1:30 p.m. Memorial Service for the late Lewis Hilton, prof. emeritus of music. Graham Chapel. (See story on page 7.)

Monday, April 14

7-10 p.m. Twenty-third annual Internal Medicine Review (continued). The topic is rheumatology. Steinberg Amphitheater, 216 S. Kingshighway Blvd. 362-6891.

Tuesday, April 15

8 p.m. Fiction reading. Features Anne Barthel and Robert Rebein, master's of fine arts candidates. Hurst Lounge, Room 201 Duncker Hall. 935-5190.

Thursday, April 17

9 a.m.-3:30 p.m. Human Resources Training and Development Center seminar. "Managing Change and Stress," Juli Einspanier, training and development specialist, Office of Human Resources Training and Development Center, Suite 100, Room B West Campus Administrative Center. 935-6970.

10 p.m. Catholic Student Center event. "Crumpets and Trumpets," a free coffee house. Catholic Student Center, 6352 Forsyth Blvd. 725-3358.

Friday, April 18

6-9 p.m. Catholic Student Center event. Twilight Retreat: "Radical Discipleship and Trust," John Kavanaugh, Jesuit priest, Saint Louis U. Catholic Student Center, 6352 Forsyth Blvd. Call 725-3358 to register.

**Vienna Fest 1997**

"Dream City: Viennese Medicine as a Benchmark for St. Louis Physicians." Exhibit of photographs, rare books and documents on the scientific developments of late 19th-century Vienna. Drawn from the School of Medicine's collections and archives. Through Aug. 29. Glaser Gallery, seventh floor, The Bernard Becker Medical Library. 362-7080.

Friday, April 11

4 p.m. Music lecture. "Brahms and Schenker," Robert Snarrenberg, assoc. prof. of music. Room 102 new music classroom bldg. 935-4841.

Friday, April 18

4 p.m. Music lecture. "Schubert's Pendulum," Hugh Macdonald, the Avis Blewett Professor of Music and chair, Dept. of Music. Room 102 new music classroom building. 935-4841.

Loya brings wealth of experience — from page 1

university-related and health-focused institutions, and he understands the special environment in which our faculty and staff work. My interactions with John have persuaded me that he will be a significant contributor to our University community."

Loya said: "It is with great enthusiasm and excitement that I look forward to joining Washington University. This is an opportunity and a challenge to which I look forward with great anticipation. As Midwesterners, my wife, Virginia, and I also look forward to returning to a region we love."

Loya's other experience includes serving as vice president for human resources at Union Memorial Hospital in Baltimore from 1978 to 1987. Prior to that, he was the corporate human resources officer at the Truman Medical Center Corporation in Kansas City, Mo., from 1973 to 1978. Other previous experience includes the Department of Health, Education and Welfare in Washington, D.C., and Baptist Memorial Hospital in Kansas City.

Loya brings to the University extensive experience in human resources strategic planning. His other experience includes supporting individual units at M.D. Anderson that were restructuring to meet new performance goals; designing and implementing human resources information systems; developing various incentive and compensation plans and recruitment, retention and training

programs; and negotiating labor contracts. He also participated in a joint effort involving M.D. Anderson and the University of Texas to attract minority faculty, physicians and executives to those institutions.

Loya graduated from Rockhurst College of Kansas City in 1969 with a bachelor of arts in industrial relations. He was born in Kansas City, which also is the hometown of his wife. They have two grown children, Jacqueline Loya-Torres and John Vincent Loya.

The advisory committee appointed by the chancellor was chaired by John N. Drobak, J.D., professor of law, and included the following faculty and staff: Marcia K. Armstrong, Ph.D., associate dean and Vernon W. Piper Director of Executive Programs, John M. Olin School of Business; Walter W. Davis Jr., assistant dean for facilities and chief facilities officer, School of Medicine; Adrienne Glore, associate dean of students; Beverly June Hahn, executive director, Department of Pediatrics; Sara Johnson, special assistant to the chancellor; Michael A. Kass, M.D., professor of ophthalmology and visual sciences; Will R. Ross, M.D., assistant professor of medicine and associate dean of diversity and director of the Office of Diversity at the medical school; Martha Storandt, Ph.D., professor of psychology in Arts and Sciences; and Ralph H. Thaman Jr., director of the Department of Facilities Planning and Management.

Author Allende to close spring Assembly Series

Latin American author Isabel Allende will deliver the final lecture of the spring Assembly Series at 11 a.m. Wednesday, April 16, in Graham Chapel. The talk by the international best-selling novelist is titled "A Candid Conversation with Isabel Allende" and is The Women's Society Adele Starbird Lecture. The event is free and open to the public.

Allende is the niece and goddaughter of Chilean President Salvador Allende. When a coup took his life in 1973, Isabel Allende was forced to leave Chile and resettled in Venezuela. Allende was a journalist for many years, but her popularity and acclaim as a writer came with her first novel, "The House of the Spirits," which began as a letter to her dying grandfather. The book, written in the early 1980s, is a saga of three genera-

tions of the Trueba family interwoven with the history of Chile. The book later was made into a motion picture.



Isabel Allende

Allende's other works include "Of Love and Shadows" (also made into a film), "Eva Luna," "The Infinite Plan" and "Paula," which is dedicated to Allende's daughter who died at 28.

The Women's Society Adele Starbird Lecture was established in 1988. The annual spring lecture was named for the late Adele Chomeau Starbird, who served as dean of women from 1931-1959.

For information, call (314) 935-5285.

Sports

Compiled by Mike Wolf, director, and Kevin Bergquist, asst. director, sports information. For the most up-to-date news about Washington University's athletics program, access the Bears' Web site at www.sports-u.com.

Men's tennis pushes winning streak to four

Victories over Wheaton (Ill.) College and the University of Illinois-Springfield shoved the University's men's tennis record above the .500 mark since opening the season with a 2-0 record. The two wins extended the Bears' season-long winning streak to four matches. In the 4-1 win over Wheaton, which was played indoors due to inclement weather on Saturday, April 5, the Bears took the match by winning four singles matches. The following day against Illinois-Springfield, WU posted a 5-2 win. Junior Trent Patterson, the Bears' No. 1 singles player, led the way with a pair of victories.

Current record: 6-5

This week: 3:30 p.m. Thursday, April 10, vs. Saint Louis University, Tao Tennis Center; 4 p.m. Tuesday, April 15, vs. Principia College (Elsah, Ill.), Tao Tennis Center.

Baseball Bears end their losing skid

An 11-run explosion helped WU's baseball Bears end their losing streak at eight games with an 11-8 victory over NCAA Division III rival Maryville University. The Bears, who in recent weeks have been mired in an offensive slump, received a boost from senior catcher Chris Greiner, who doubled and homered and drove in a career-high four runs in the victory. Prior to the win over Maryville, the Bears had lost a heart-breaking 11-8 extra-inning decision to Greenville (Ill.) College and an 8-4 judgment to nationally ranked NCAA Division II University of Missouri-St. Louis.

Current record: 8-16

This week: 2 p.m. Friday, April 11, at Greenville College (2); 1 p.m. Sunday, April 13, vs. Rose-Hulman Institute (Terre Haute, Ind.) (2), Kelly Field.

Women's tennis wins sixth consecutive match

The women's tennis team defeated Wheaton College and the University of Illinois-Springfield by identical 8-1 scores Saturday, April 5, in Elsah, Ill. The victories extended the Bears' winning streak to six matches and improved their spring record to 7-6. In the Wheaton match, senior Maria Loinaz — ranked 13th in the Midwest region by the Intercollegiate Tennis Association — defeated 23rd-ranked Kristin McCamish 6-4, 6-0. After facing Division I

neighbor Saint Louis University on Tuesday, April 8, WU plays four consecutive home matches in preparation for the University Athletic Association (UAA) Championships, April 18-20 at Emory University (Atlanta).

Current record: 7-6

This week: 4 p.m. Tuesday, April 8, at Saint Louis University; 3:30 p.m. Friday, April 11, vs. Nebraska Wesleyan University (Lincoln, Neb.), Tao Tennis Center; 9 a.m. and 2 p.m. Saturday, April 12, vs. Augustana College (Rock Island, Ill.) and Principia College, Tao Tennis Center.

Track and field squads set for WU Invitational

WU's track and field teams competed Saturday, April 5, at the Northwest Missouri State University Invitational (Maryville, Mo.). The women's team placed fifth and the men finished ninth in a field of more than 20 teams. Sophomore John Winn posted the Bears' top individual finish, winning the 10,000 meters in 32 minutes, 23.88 seconds. Fellow sophomore Monica Lewis placed second in the 400 meters (:57.93) for the women, while freshman Kristin Meade took second in the long jump (16 feet, 8-1/2 inches). The Bears host their largest competition of the season Saturday, April 12, welcoming some of the Midwest's top athletes for the Washington University Invitational. Field events begin at 10 a.m. at the Bushyhead Track and Francis Field.

This week: 10 a.m. Saturday, April 12, Washington University Invitational, Bushyhead Track and Francis Field.

Two WU athletes earn GTE academic awards

Junior Jeremy Dubow recently earned his third consecutive GTE Academic All-America citation for his performance last fall with the WU cross-country team. Dubow — who in 1996 became the first WU athlete to earn GTE Academic All-America citations in two different sports during the same year (cross country and track and field) — was named to the Men's Fall/Winter At-large College Division First Team. Senior swimmer Christine O'Brien earned her second consecutive GTE Academic All-America Women's Fall/Winter At-large College Division All-District VII Team award. O'Brien helped the University's women's swimming and diving team to a fourth-place showing at the University Athletic Association Championships. The awards program is administered by the College Sports Information Directors of America (CoSIDA).



Janite Lee Reading Room dedicated

Janite Lee and School of Law Dean Dorsey D. Ellis Jr., J.D., unveil a portrait of Lee during the dedication of the Janite Lee Reading Room at Anheuser-Busch Hall Saturday, April 5. The portrait, painted by St. Louis artist Gilbert Early, and the naming of the reading room recognize Lee's generous gift to the law school. Lee's daughter, Eunkyong Choi, earned a J.D. from the school and currently is pursuing an LL.M. at the University.

Annual PRINTMARKET features fine artwork on paper

Experienced and first-time art collectors can peruse an extraordinary array of fine prints and other works on paper at the 14th annual St. Louis PRINTMARKET this Friday through Sunday, April 11, 12 and 13, at the Gallery of Art in Steinberg Hall.

One of the largest events of its type in the Midwest, this year's PRINTMARKET will feature more than 25 top print dealers from across the country displaying some of the finest quality work available. The works include old-master prints, photographs, antique maps, Australian Aboriginal prints, Americana, Japanese woodblock prints, historical posters and contemporary works from artists worldwide.

"The exceptional quality and variety of work at this show makes it truly stand out. There is something for every taste and every pocketbook. This is an event not to be missed."

— Joseph Ketner

Proceeds from the PRINTMARKET support the Gallery of Art. Past proceeds have helped underwrite nationally recognized exhibitions and have gone to the acquisition of new works for the gallery. This year's proceeds are earmarked for the purchase of a work to be selected in part by a committee of University students.

Gallery Director Joseph Ketner said the gallery is delighted to be the host and beneficiary of the PRINTMARKET for a seventh year. "We have developed a wonderful relationship with the PRINTMARKET over the years, and we look forward to this unique event every spring," he said.

"The exceptional quality and variety of work at this show makes it truly stand out. There is something for every taste

and every pocketbook. This is an event not to be missed."

This year's PRINTMARKET boasts the largest number of dealers since it began more than a decade ago, said chairperson and founder Cécile Lowenhaupt. "The PRINTMARKET has become a much-anticipated springtime event due to the wide variety and first-rate quality of dealers it attracts," she said.

The PRINTMARKET offers both new and experienced collectors the chance to select from some of the best art available anywhere, Lowenhaupt said. "We want to offer a good mix of prints and other works on paper that will appeal to everyone," she said. "It's a chance for people to learn about art by talking with the dealers. It also provides the opportunity for this wonderful Gallery of Art to purchase an important new work."

The PRINTMARKET once again will offer several additional attractions. Representatives from Definition Framing and

Book Arts Market offers volumes to muse in Bixby Gallery

Book lovers and art lovers are invited to crack open and enjoy a wide selection of treasures at the School of Art's second annual Book Arts Market on Saturday, April 12, from 10 a.m. to 5 p.m. in Bixby Hall's Bixby Gallery.

An array of writers, artists, poets, doodlers and more will exhibit their book arts for display and purchase at the market, which is free and open to the public. Items range in price from \$2 to several hundred dollars.

Wide open to definition and defying categorization, book arts include just about anything that tells a story. These books are not only tools for communication but objects of art unto themselves.

Among the offerings at last year's market were a small book of paintings created on handmade paper; a whimsical book of poetry and photography bound together with metal nuts and bolts; and a collection of rough-edged travel journals fashioned out of brown paper bags.

In addition to books by local and regional artists, the market will include marbled and handmade paper, calligraphy, book arts supplies, rubber stamps, self-published books and chapbooks, letterpress works and narrative art. Works produced by University students and by children also will be displayed.

Exhibitors may participate in the event with a registration fee of \$15. For more information or to register, call (314) 935-4643.

Stein Framing will be on hand to help patrons determine the best options for framing and matting their newly found masterpieces. New for 1997, the PRINTMARKET will offer a demonstration of resources available via the Internet. The PRINTMARKET Cafe will provide sandwiches, pastries and beverages throughout the weekend. Due to the number of participating dealers, as well as these additional attractions, patrons are encouraged to plan an entire day in order to fully enjoy all of the 1997 PRINTMARKET offerings.

The PRINTMARKET will open with a special preview party Friday from 7 to 10 p.m. Tickets to this gala event are \$50 and \$35 for those 35 and younger. Admission to the PRINTMARKET on Saturday and Sunday is \$5; \$2 for students. Hours are 10 a.m. to 5 p.m. Saturday and noon to 5 p.m. Sunday. For more information, call (314) 361-3737.

Memory experts gather for one-day symposium

Some of the world's leading experts on human memory and related brain functions will gather at Washington University April 12 for a daylong symposium exploring the latest breakthroughs in memory research.

Sponsored by the Department of Psychology and Arts and Sciences, the symposium will run from 9 a.m. to 5 p.m. in the Bryan Cave Moot Courtroom in Anheuser-Busch Hall. The event is free and open to the public.

The morning will feature half-hour presentations by Henry L. Roediger III, Ph.D., chair of the psychology department in Arts and Sciences, and by three other internationally recognized memory experts: Stephen J. Ceci, Ph.D., Cornell University, Ithaca, N.Y.; Larry R. Squire, Ph.D., University of California at San Diego; and Daniel L. Schacter, Ph.D., Harvard University. These presentations are billed as a dry run for a similar symposium to be held April 29 at a meeting of the National Academy of Sciences (NAS) in Washington, D.C.

The afternoon schedule includes presentations by Mark R. Rosenzweig,

Ph.D., University of California at Berkeley, and five University faculty members. Representing the School of Medicine are John W. Newcomer, M.D., professor of psychiatry; Steven E. Petersen, Ph.D., professor of neurology and associate professor of anatomy and neurobiology, of neurological surgery, and of radiology; and Marcus E. Raichle, M.D., professor of anatomy and neurobiology, of neurology and of radiology. Presenters from the psychology department in Arts and Sciences are David A. Balota, Ph.D., professor and associate chair of psychology; and Endel Tulving, Ph.D., the Clark Way Harrison Distinguished Visiting Professor of Psychology.

Tulving, who spends two or three months per year at the University as the Harrison Visiting Professor, is organizing the April 29 NAS memory symposium. Tulving is University Professor Emeritus and the Tanenbaum Chair in Cognitive Neuroscience at the Rotman Research Institute of Baycrest Centre at the University Of Toronto.

For information, call (314) 935-6567 or e-mail cbcasano@artsci.wustl.edu.

Campus Watch

The following incidents were reported to the University Police Department from March 31–April 6. Readers with information that could assist the investigation of these incidents are urged to call (314) 935-5555. This release is provided as a public service to promote safety-awareness on campus.

March 31

12:05 p.m. — A student reported that a wallet containing cash and an identification card was stolen from a coat in Mallinckrodt Center.

April 1

1:00 p.m. — A staff member reported that a woman's tan trench coat and gloves were stolen from the Whittemore House.

April 2

8:51 a.m. — A student reported that a portable radio and headphones were stolen from a desk in Rebstock Hall.

April 3

3:40 p.m. — A student reported that the University mascot costume was stolen from a storage room in Mallinckrodt Center.

7:49 p.m. — A student reported that a backpack containing money, credit cards and personal items was stolen from an unsecured locker in the men's locker room at the Athletic Complex.

April 5

10:31 a.m. — A student reported that a bicycle seat and the quick-release clamps on the tires of a bicycle were stolen from Hurd Residence Hall.

2:28 p.m. — A student reported that a wallet containing keys, an identification card and credit cards was stolen from a suite in Hurd Residence Hall.

4:18 p.m. — A student reported that a window in the first-floor study lounge in Beaumont Residence Hall was broken.

April 6

6:42 p.m. — A student reported that a wallet and pager were stolen from an unsecured locker in the Athletic Complex.

University Police also responded to two reports of auto accidents; five reports of theft; eight reports of vandalism; one report of peace disturbance; one report of burglary and property damage; and one report of reckless burning.

Student mathematics team finishes fourth in national competition

Washington University made the "final four" this spring — but it wasn't in basketball and it wasn't in a competition between 64 teams.

Rather, an undergraduate team from the University ranked fourth among U.S. and Canadian universities in the prestigious William Lowell Putnam Mathematical Competition. The 57th annual Putnam competition — an intellectual answer to the NCAA hoops tourney — was held last December. The results were posted March 24.

Duke University in Durham, N.C., took first, followed by Princeton University, Harvard University, Washington University and the California Institute of Technology in Pasadena.

There were 2,407 contestants from 408 universities. Ten Washington University students participated.

Contestants took a six-hour test in mathematics, attempting to solve 12 difficult and non-standard mathematics problems. Three participants from each school are designated in advance as the school's team, and a team average is computed. Awards are made for both team and individual performances.

The Washington U. team was made up of a trio of mathematics majors: sophomore Mathew Crawford, junior Daniel Schepler and senior Jade Vinson.

While University of North Carolina basketball coach Dean Smith can be proud of his NCAA hoops records, Putnam competition coach Carl M. Bender, Ph.D., professor of physics in Arts and Sciences, doesn't play second fiddle to him. Since 1976, Bender has led Washington University teams to top-10 finishes in 16 of 21 competitions, including 10 top-five performances. University squads have won four titles and placed second four times.

"I'm extremely proud of how the students have done over the years and particularly proud of this year's team," said Bender, who was assisted by veteran Putnam coach Richard Rochberg, Ph.D., professor of mathematics in Arts and Sciences, and by Vladimir Masek, Ph.D., assistant professor of mathematics.

"This says a lot about Washington University's reputation," Bender continued. "The whole University should be proud of this accomplishment."

The University won a cash prize of \$2,000, with each team member receiving an individual prize of \$200. Schepler received a \$1,000 award for ranking among the top six individual contestants, and he also was designated a Putnam Fellow.

Five of the 10 University contestants ranked among the top 70 individual contestants, including Crawford and senior Lawrence Roberts. Vinson and freshman Daniel Johnston received honorable mention for ranking among the top 35 participants.

Commendations are given to all those placing among the top 500 contestants, with a top-100 finish virtually guaranteeing special attention from the nation's leading graduate schools.

Hilton memorial slated for April 13

A memorial service for the late Lewis Hilton, Ed.D., professor emeritus of music in Arts and Sciences, will be held at 1:30 p.m. Sunday, April 13, in Graham Chapel.

Hilton, who taught music at the University from 1951 until his retirement in 1980, died Jan. 9 of injuries from a fall at his winter home in Cape Coral, Fla. He was 76.

In addition to his years of service to the University, Hilton oversaw a Saturday morning musicianship program for St. Louis high school students from the early 1950s to the early 1970s.

Memorial contributions may be made to the Lewis B. Hilton Memorial Scholarship Fund, Washington University, Department of Music, 6500 Forsyth Blvd., St. Louis, MO, 63105.

Jerome R. Cox Jr. receives Eliot Society's 'Search' award

Jerome R. Cox Jr., Sc.D., the Harold B. and Adelaide G. Welge Professor of Computer Science, received the 1997 William Greenleaf Eliot Society Award at the society's annual dinner April 2 at the Ritz-Carlton in Clayton.

The award is presented annually to an outstanding citizen of the Washington University community.

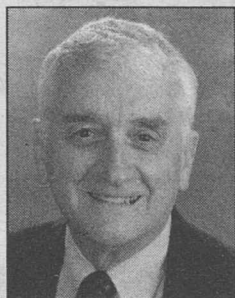
"Few faculty have served Washington University for so long and in so many ways as Professor Cox," said Sam Fox, president of the Eliot Society. Cox was presented with a silver replica of Heikki Seppä's "The Search." The original sculpture is part of the collection of the Gallery of Art.

The Eliot Society was founded in 1959 in tribute to the University's founder. Since then, the generosity and support of the society's members have contributed to the growth and success of the University.

Cox joined the School of Engineering and Applied Science in 1955 as an assistant professor of electrical engineering and physical acoustics at the Central Institute for the Deaf (CID). For 42 years, Cox has helped shape the careers of thousands of students and has been an influential leader in the

development of computer communications, computer imaging and biomedical computing.

Throughout his diverse and distinguished career, Cox has made numerous significant contributions covering an array of research areas. These include pioneering research in radiation treatment planning, cardiac arrhythmia detection, and computer



Jerome R. Cox Jr.

programming in the use of CT (computed tomography) and PET (positron emission tomography) scanners to diagnose cancer and evaluate treatment. His most recent focus has been mapping the human genome, a global collaboration in which the University plays a key role.

Another important emphasis for Cox is Project Zeus, a body of work being conducted by a team of University researchers to develop and advance the ATM (asynchronous transfer mode) system, a "fast-packet" fiber-optic

communications network. Project Zeus is widely recognized within the scientific, engineering and medical fields as a pace-setting telecommunications research prototype. Last fall, the University received a \$3 million three-year grant from the National Science Foundation (NSF) to share this ultra-high-speed networking technology with universities nationwide.

Cox headed the electrical engineering and physical acoustics department at CID until he became director of the Biomedical Computer Laboratory in 1964. He was chair of the Computer Laboratories from 1967 to 1983 and served as chair of the Department of Computer Science from 1975 to 1991. Currently, he directs the new graduate program for the Institute of Biological and Medical Engineering.

Cox is a senior member of the National Academy of Sciences' Institute of Medicine, and he has served on numerous committees for the National Institutes of Health, the NSF, the Defense Mapping Agency and other professional organizations. Since 1990, he has been a member of the National Advisory Council for Human Genome Research.

Engineering school to honor seven, including John F. McDonnell

The School of Engineering and Applied Science will honor John F. McDonnell, chairman of McDonnell Douglas Corp., and six other distinguished individuals on Wednesday, April 16, at its 23rd annual Alumni Achievement Awards Dinner.

The event, to be held at the Hyatt Regency St. Louis at Union Station, will begin at 6 p.m. with cocktails, followed by dinner and the awards program at 8 p.m.

Christopher I. Byrnes, Ph.D., dean of the engineering school, will present the awards.

Other honorees are: John T. Cookson Jr., Thomas P. Dunne, Henry A. Jubel and John W. Kourik, who will receive Alumni Achievement awards; Frederick J. Oertli, who will receive the Young Alumni Award; and Florence S. Farrow, who will receive the 1997 Dean's Award.

McDonnell and McDonnell Douglas Corp. will receive the Excellence in Engineering and Technology Award in recognition of McDonnell's leadership and the corporation's contributions. Chairman since 1988, McDonnell is involved in developing sound global positioning and expanding the markets for McDonnell Douglas through interaction with leaders of companies and countries worldwide.

Cookson, who received a bachelor's degree in 1961 and a master's degree in 1962, both in civil engineering, will be

honored for his achievements in environmental engineering and for his extensive professional service in the public and private sectors. Cookson, vice president and principal for environmental technology at Sverdrup Inc., is one of the country's experts in hazardous waste remediation. He and his wife, Toni, live in Maryland.

Dunne will be honored for his professional achievements and contributions to the construction industry and for his extensive community service. He received a bachelor's degree in 1965 in civil engineering. Dunne is chairman of the board and chief executive officer of Fred Weber Inc. of St. Louis, a privately held general contractor specializing in heavy and highway construction and materials production and distribution.

Jubel's award will recognize his achievements in die-casting manufacturing and his contributions to quality-improvement program methods. He received a bachelor's degree in 1940 in mechanical engineering. Jubel is chairman of the board and chief executive officer of Spartan Light Metal Products Inc. of St. Louis, which he founded in 1961.

Kourik, who received a bachelor's degree in 1948 in mechanical engineering, will be honored for his accomplishments in brake engineering, professional-standards development, and dedication to higher education. Known as

"Mr. Brakes" in the braking industry, he had a distinguished 40-year career at Wagner Electric Corp., now a subsidiary of Copper Industries. Kourik retired in 1988.

Oertli will receive the Young Alumni Award for his successful career and contributions to the engineering communications industry. He is president and chief executive officer of Sonacom Inc. of St. Louis, a provider of comprehensive engineered communications and life-safety and security-system solutions. Oertli received a bachelor's degree in 1982 in electrical engineering and a master's degree in business administration in 1992.

Farrow will receive the Dean's Award in recognition of her outstanding support of engineering education and her lasting impact on the engineering school. She received a bachelor's degree in 1926 and a master's degree in 1927, both in English. Farrow has sponsored an annual scholarship, and she is establishing two endowed professorships: the Edward H. and Florence G. Skinner Professorship of Systems Science and Mathematics and the Joseph and Florence Farrow Professorship of Biomedical Engineering. The first professorship is named in memory of her father and mother; the latter after herself and her late husband of 38 years.

For information on the dinner, contact Susan Lipsitz at (314) 935-8730.

Sir Geoffrey Palmer is 'an engaging public speaker' — from page 1

"Sir Geoffrey Palmer is one of those extraordinary individuals who rises to prominence in whatever area he enters," said Dorsey D. Ellis Jr., J.D., dean of the School of Law. "He is a popular and effective teacher and an influential scholar. He was elected to Parliament, where he soon became a cabinet member and then prime minister of New Zealand. He is acknowledged as a leading advocate for the South Pacific nations on global-warming issues and is internationally recognized as an informed and thoughtful spokesman for a sustained environment. He is an engaging public speaker who commands the respect even of those who may disagree with his views."

Palmer has achieved distinction for both his decade of service in the New Zealand Parliament and for his legal scholarship in New Zealand, the British Commonwealth and the United States. He was instrumental in crafting New Zealand's plan for no-fault compensation for personal injuries, replacing a tort system that was considered costly, ineffective and inequitable.

The sustained-environment concept that Palmer advocates calls for long-term economic growth without compromising environmental resources. He believes that through improved technology and societal choices, countries can make way for

future economic growth while implementing environmentally sound practices. To achieve environmentally responsible actions worldwide, he has called for the creation of binding international rules, an institutionalized authority to monitor compliance and a system of adjudication.

He was a delegate to the United Nations conference on "Environment and Development at Rio," also known as the "Earth Summit," held in Rio de Janeiro, Brazil, in 1992. At the summit, he strongly advocated international environmental regulations. In 1989, he was one of 24 heads of state who signed the Declaration of the Hague to curtail global warming.

Palmer initially entered the New Zealand Parliament in 1979 as a member of the opposition and rapidly rose to leadership in the Labor Party. He served as deputy leader of the opposition from 1983-84. When the Labor Party came to power, he held a variety of positions, including attorney general and minister of justice (1984-89), minister for the environment (1987-1990), leader of the House of Representatives (1984-87), deputy prime minister (1984-89), and then prime minister (1989-1990). He also was a principal backer of the common-market pact between Australia and New Zealand

that boosted both countries' economies by eliminating trade tariffs.

A barrister of the High Court of New Zealand, Palmer was named Knight Commander of the Most Distinguished Order of Saint Michael and Saint George, a member of Her Majesty's Privy Council, and Honorary Companion of the Order of Australia. He also was a laureate to the United Nations Environment Programme's "Global 500 Roll of Honour."

He is a founding partner of the Wellington, New Zealand, law firm Chen & Palmer, where he specializes in public law. He received a bachelor's degree in 1964 and a bachelor of laws in 1965 from Victoria University in Wellington and a juris doctorate (cum laude) from the University of Chicago in 1967. He has served as a professor of law at Victoria University, the University of Virginia and the University of Iowa.

He twice has lectured at the law school. In 1991, he spoke on "An International Regime for Environmental Protection." In 1992, he discussed "The Earth Summit: What Went Wrong at Rio?"

In addition to his many articles in legal periodicals, he is the author of five books.

Opportunities & personnel news

Hilltop Campus

The following is a partial list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 130 West Campus, or by calling (314) 935-5906. Job openings also may be accessed via the World Wide Web at <http://cf6000.wustl.edu/hr/home>.

Lab Technician IV 970218.

Department of Biology. Requirements: bachelor's degree, master's degree preferred; skilled with calculators and mini/microcomputers; experience with bone cell isolation procedures; experience working with special antibody reagents; experience with Northern blot RPS or Western blot; experience with page-electrophoresis antibody purification; two or more years related laboratory experience. Application required.

Record Editor/News Writer

970234. Public Affairs. Requirements: bachelor's degree, degree in journalism or communications preferred; three to four years professional journalism experience preferred. Application required.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees interested in submitting transfer requests should contact the Human Resources Department of the medical school at (314) 362-7202 to request applications. External candidates may call (314) 362-7195 for information regarding application procedures or may submit résumés to the human resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, MO, 63110. Please note that the medical school does not disclose salary information for vacancies, and the office strongly discourages inquiries to depart-

ments other than human resources. Job openings also may be accessed via the World Wide Web at <http://medicine.wustl.edu/wumshr>.

Financial Analyst 970740-R.

Requirements: bachelor's degree in business or related field and three to four years related business experience, or a master's degree in business administration or other advanced degree in related field and work experience as a summer intern (preferably two summers); excellent communication and analytical skills; creativity; resourcefulness; working knowledge of and experience with microcomputers, including FOCUS, Lotus and Microsoft Pro applications. Responsibilities include assisting with the general program and financial-planning analyses and initiatives of a \$558 million academic medical enterprise that encompasses clinical, research and teaching activities and working closely with the departmental financial/resource-planning process at the School of Medicine and with

inter-institutional planning at the Medical Center.

Network Technician 970751-R.

Requirements: high school graduate or equivalent; knowledge of protocol stacks (TCP/IP, DecNet,

LAT, Appletalk, IPX, LAST and LAD) is a plus; experience pulling network cable and troubleshooting networks desirable; working knowledge of computer network technology; manual dexterity with small objects;

ability to distinguish colors. Responsibilities include climbing ladders and pulling network cable through ceilings, closets and steam tunnels, as well as offices and labs, and troubleshooting local- and wide-area networks.

Health-care coverage open-enrollment period

The open-enrollment period for health-care insurance is April 15 to May 15. During this period, currently enrolled University faculty and staff can make changes to their health or dental-only coverage, including switching carriers or plans without a statement of health or interruption of coverage.

As well, dependents may be added to an employee's existing plan and previously unenrolled employees may sign up for coverage. Both of these changes require completion of a statement of health questionnaire.

The Office of Human Resources has scheduled a series of brown-bag seminars to help employees better understand each health-care plan. Seminars will be held on all three campuses. Employees

may attend any session, and registration is not required.

Hilltop Campus:

- May 6, noon to 1 p.m., Room 310 Anheuser-Busch Hall (law school)
- May 8, noon to 1 p.m., May Auditorium, Simon Hall

Medical Campus:

- May 6, 11:30 a.m. to 12:30 p.m.
- May 8, noon to 1 p.m.
- The above two seminars will be held in Erlanger Auditorium.

West Campus:

- May 7, noon to 1 p.m., West Campus Conference Room C
- May 8, noon to 1 p.m., West Campus Conference Room A/B

National partnership endeavors to speed computational research — from page 1

University's representative with NPACI. Brain mapping relies on the concept of deformable geometry. With high-speed computation, deformable geometry allows researchers to deform the shape of a basic model into variable, more complex shapes similar to those observed in nature. With brain mapping, individual differences in regions of the brain such as the hippocampus and cerebral cortex can be analyzed and compared.

In 1994, an NSF Challenge Award of more than \$3 million helped develop network gigabit (one gigabit is one billion bits of information) applications in three-dimensional biological microscopy and deformable brain-mapping techniques in neuroscience and electrical engineering. Another 1994 NSF grant of nearly \$1 million provided the University with broad-band network components connecting various departments and laboratories on the Hilltop and School of Medicine campuses for collaborative research. A third grant that year from the Advanced Research Program Agency enabled University researchers to collaborate with telecommunications industry giants in an ultra-high-speed communications project.

All of the grants supported research made available by Project Zeus, developed by Cox and Jonathan S. Turner, Ph.D., the Henry Edwin Sever Professor of Engineering and chair of the Department of Computer Science. Begun in 1991, Project Zeus is the campuswide computer-

research network that tests the many possibilities of fiber-optic communications applications. It has brought together diverse researchers in a high-speed, interactive, visual environment where researchers can share images and data in real-time.

One key discipline that Project Zeus helped create is the newly emerging field of computational anatomy, pioneered by Michael I. Miller, Ph.D., the Newton R. and Sarah Louisa Glasgow Wilson Professor of Biomedical Engineering. Computational anatomy combines high-speed computing, geometry, statistics and massive amounts of 3-D data to better comprehend biological variability for research and diagnosis. For example, automated computational tools for generating maps of the human brain based on MRI (magnetic resonance imaging) and PET (positron emission tomography) scans are now being generated in laboratories nationwide. Such maps will help neuroscientists determine abnormalities in brain structures, among other applications.

"Several years ago with Project Zeus, we were able to establish an interactive, collaborative infrastructure, and now we're preparing to do much the same thing on a national level with NPACI," Cox said.

Besides Cox and Miller, a host of University scientists and engineers will participate in the NPACI partnership. Marcus E. Raichle, M.D., professor of anatomy and neurobiology, of neurology,

of radiology and in the Program in Biological and Biomedical Engineering, and David C. Van Essen, Ph.D., head of the Department of Anatomy and Neurobiology and the Edison Professor of Neurobiology, will create and operate a set of brain-mapping databases and will develop powerful software for deforming segmented brain images and scalable software for warping brain and anatomy data.

Cox and Turner will provide the neuroscience infrastructure for Miller, Raichle and Van Essen, mainly in the form of a 400-gigabit storage cache located in the School of Engineering's Applied Research Laboratory and connected to collaborators by the Project Zeus network. Turner also will support Miller, Raichle and Van Essen by helping deploy gigabit switches and links between University laboratories and those at the collaborating sites at UCSD and the University of California at Los Angeles (UCLA). The work is aided by Turner's NSF grant to provide gigabit network ATM (asynchronous transfer mode) kits to researchers nationwide. ATM is a switching and transmission technique. Turner has been a pioneering contributor to ATM architecture for more than a decade.

Cox and Miller will supervise the creation of software and communications strategies to enable processing scaled-up images at the University and at the other NPACI sites. This involves installing and

fine-tuning deformation algorithms at the UCSD and UCLA sites. Algorithms are mathematical programs that make the decisions for a machine to perform tasks.

Gurudatta M. Parulkar, Ph.D., associate professor of computer science and director of the Applied Research Laboratory, will supervise development of systems and communications software to move data between cooperating gigabit networks and will supervise the interaction of gigabit brain-mapping applications. Video-on-demand and video teleconferencing applications that Parulkar, Cox and Turner have advanced on the University's campus network also will be made available to NPACI collaborators.

"The new partnership in supercomputing reflects a philosophy that the supercomputing centers should be a national resource committed to providing the communications and technical support to make that a reality," Cox said. "The new arrangement avoids isolated pockets of advanced computing in favor of a coordinated fabric where each facility can be applied to problems for which it is most suited.

"The partnership comes at an opportune time to meet the next stage of developments in computational research. We are now able to deal with massive amounts of data, both for computation and for storage, allowing researchers to tackle problems previously unapproachable."

—Tony Fitzpatrick

Des Lee endows rotating professorship for community collaboration — from page 1

"We are indebted to Des Lee for this gift, which is an outward manifestation of his great concern for the city and a testimony to his faith in the power of individuals to work together for the common good," Wrighton said. "This will be a coveted honor for the selected professor, and one that will serve both the community and Washington University very well."

Danforth said, "Des Lee's great leadership and generosity are well known to the St. Louis community, and no one is trying harder to accomplish the laudable goal of increasing collaboration and cooperation among our institutions."

Lee has given generously to the University in the past, including an earlier gift to the John M. Olin School of Business to support the Total Quality Schools program — an outreach effort involving inner-city schools — and a succession of scholarships for deserving students in need of financial support. His commitment to improving the community extends to many other educational and cultural institutions in the metropolitan area.

Lee is the 44th recipient of the St. Louis

Man of the Year award. The award is given annually to an individual who best exemplifies an inspiring level of citizenship; who exhibits leadership in generating civic pride; and who is dedicated to the growth and vitality of St. Louis.



E. Desmond Lee

for consumers and retailers. Lee started the company in 1939 with friend and fellow alumnus James P. Rowan, a 1938 graduate of Arts and Sciences.

Schuchard has taught at the School of Art and School of Architecture in various capacities since 1977. He became an associate professor at the art school in 1993. He received a bachelor's of fine arts

from Washington University in 1973 and a master's of fine arts from the University of South Florida — Tampa, in 1975.

His work has appeared in solo and group exhibitions throughout the country and internationally. His paintings, sculptures and murals are part of permanent collections at museums, galleries, private homes and in public spaces from coast to coast.

He is renowned for his sculptures of realistic objects — such as furniture, a piano and other objects from daily life — that are made out of materials such as wax and felt.

Schuchard said he is "thrilled and honored" to receive the professorship and that it will allow him the chance to continue his efforts to build connections within the St. Louis visual-arts community.

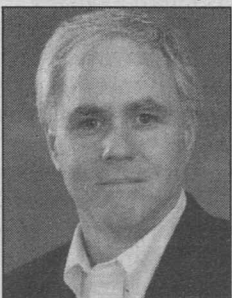
Over the years, Schuchard has been a major voice in numerous organizations

that are striving to expand the presence and impact of the visual arts in the community. Schuchard organized the Town Meeting on the Arts, bringing together members of the arts community to discuss issues of common interest and to generate new ideas for those in the region who are committed to improving the quality and visibility of the arts in the area.

More recently, he has organized a working group of individuals who represent most of the public and private institutions in the region that run exhibition or educational programs in the visual arts. The group, which is not yet named, will seek ways in which to build better cooperation between the entities and promote a greater appreciation of and access to the visual arts in the region.

"We feel like we can help one another," Schuchard said. "There is a growing consensus that St. Louis is where we are living and that this is where some of our attention needs to be invested."

A formal installation ceremony and celebration of the E. Desmond Lee Professorship will be held May 23.



W. Patrick Schuchard