Preparing for tremors
Shirley J. Dyke, Ph.D., an assistant professor of civil engineering and director of the Structural Control and Earthquake Engineering Laboratory, under the director's study of tests that earth
quake resistance systems for buildings and bridges. The Jolley Hall Laboratory, part of the Mid-
America Earthquake Center consortium of universities, was dedicated March 4th.

University receives $6.5 million McDonnell pledge; new professorships established

Washington University has received a commitment of $6.5 million from the JSM Charitable Trust, according to Chancellor Mark S. Wrighton. Of the total, $6 million has been designated for the establishment of three distinguished professorships; the remaining $500,000 will be allocated at a later date.

The first faculty member to receive a James S. McDonnell Distinguished University Professorship is Henry L. Roediger III, professor of psychology and chair of the Department of Psychology in Arts and Sciences. Roediger is being installed in the initial endowed chair in a ceremony March 10. "The extent of the McDonnell family’s generosity to Washington University has been extraordinary," Wrighton said. "Endowed professorships are the lifeblood of a great university, for they ensure the attraction and retention of the most outstanding scholars. We are truly grateful and indebted to the McDonnell family." In presenting the gift to Wrighton, John F. McDonnell, trustee of the JSM Charitable Trust, noted that the gift will serve two broad purposes. "These professorships," he said, "will permit the University to advance its most important academic goals, on a University-wide basis, by providing Washington University the opportunity to promote present faculty members and to attract additional outstanding scholars. They will also memorialize some of the activities and interests important to our father, James S. McDonnell." The late James S. McDonnell, aviation pioneer and founder of McDonnell Aircraft Corp, was deeply committed to research. "James McDonnell was especially supportive of Washington University during his lifetime in a range of activities."

WU one of 29 in new Internet 'backbone'
Washington University is one of 29 universities that will be connected to the National Science Foundation’s (NSF) very high performance Backbone Network Service (vBNS), a rapid Internet connection that allows scientists and engineers nationwide to collaborate and share powerful computing and data.

The University will receive $356,000 from the NSF over the next two years to offset the cost of linking to the vBNS backbone. The announcement was made Feb. 26 by President Bill Clinton at the 1998 Technology Conference in San Francisco. "By building on Internet that is faster and more advanced, we can keep the United States at the cutting edge of Internet technology and explore new applications in distance learning, telemedicine and scientific research," Clinton said. Martin W. Dubetz, Ph.D., director of the Office of the Network Coordinator, is principal investigator for the grant, and Jerome R. C. Cox, Sc.D., the Harold J. and Ada Pollak Professor of Computer Science, is co-principal investigator.

The vBNS lets researchers communicate with each other and with the NSF Supercomputing Center in scientific and engineering projects that require high speeds to send complex data," said Dubetz, who will secure installation of the backbone. "The regular Internet is just too busy and unpredictable. We have a solid connection to the regular Internet, or what’s called the ‘commodity’ Internet, but when sending data from here to the San Diego Supercomputing Center on the regular Net we at times encounter bottlenecks that slow things down. It’s the unpredictable nature of the public Internet that the vBNS avoids.
Scott Hultgren receives prestigious Eli Lilly award

Scott Hultgren, Ph.D., associate professor of radiology, will receive the Eli Lilly and Company Research Award from the American Society of Microbiology, whose president described Hultgren as “the most outstanding young microbiologist in the world.” The award recognizes basic research of unusual merit in the fields of microbiology and immunology by an investigator younger than 40.

“I am very grateful and humbled to be the recipient of this award,” Hultgren said, “for approaching structure-function studies in microorganisms.

Hultgren will receive the award plus a $5,000 cash prize during the society’s annual meeting in May in Atlanta. He will also deliver the 1998 Eli Lilly Award lecture. The award is sponsored by Eli Lilly and Co., a global research-based pharmaceutical company headquartered in Indianapolis.

“I have had the great fortune to work with extremely talented and dedicated graduate students, postdoctoral fellows and a research technician at Washington University,” Hultgren said. “This award also recognizes their outstanding contributions.

Hultgren, who came to the School of Medicine in 1989, studies ways in which bacteria attach to human cells as a key event in the onset of a disease. As a model system, he works with E. coli strains that infect the urinary tract.

“Our strategy is to decipher the molecular basis of how bacteria cause disease and to use this information to design vaccines and novel antibacterial therapeutics,” Hultgren said.

Like many other bacteria, E. coli anchors to host tissue with sticky hairs. The hairs, or pilus, are sticky because their frathery tips contain a protein called an adhesin, which fits into receptors in the urinary tract like keys into locks.

Combining genetic manipulations with cell biology, protein chemistry and electron microscopy and X-ray crystallography, Hultgren and his colleagues are following three approaches:

First, they are determining the 3-D structure of the adhesin, hoping to find out how the protein’s shape enables it to interact with the host cell surface. Scientists in this group are investigating the consequences of this interaction and the cross-talk that switches on genes in both pathogen and host.

In the second program, Hultgren’s team is studying the functional and structural assembly of E. coli P and type 1 pilus, whose tip can contain adhesins called PPG (on PilP) and PilM (on type 1 pilus). During nine months of painstaking research, the group discovered that a protein called a chaperone has a critical role in assembling pilus subunits and adhesins into their correct 3-D shapes and transporting them to the membrane that surrounds the bacterial cell. Another protein, called an usher, extrudes adhesion-tipped hairs into the cell surface.

By removing the usher gene and turning up the PilM gene, Hultgren produced E. coli that can make much larger amounts of correctly folded pilus proteins. If PilM is absent, the protein remains inside the bacterium, where it can be isolated. Finally purified by Hultgren’s team recently underwent successful vaccine trials in mice at MedImmune Inc., a biotechnology company in Gaithersburg, Md. Human trials should begin later this year. “This basic principle should be applicable to many infections, including meningitis, pneumonia, kidney infections and gastrointestinal,” Hultgren said.

The researchers are also testing inhibitors of the chaperone protein. Without this essential link in the assembly line, E. coli pilus may not form and therefore cannot colonize the urethra or cause disease.

Hultgren has received three other recent honors. In 1997, he was awarded the Marton Award at the University of Umeå in Sweden for his work with extremely talented and dedicated graduate students, postdoctoral fellows and a research technician at Washington University.

They have other talents, too

First-year students Belinda Blood and Robert Blankton perform with their band, Deepu’s Pickle, at Coffee House ‘98. The event is organized annually by the first- and second-year social clubs to give faculty and medical students the opportunity to perform onstage. Held March 5 at Blueberry Hilltop Campus employees: Send to Payroll Office, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO, 63108. Address changes and corrections: Postmaster and non-employees: Send to Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO, 63108. Hilltop Campus employees: Send to Payroll Office, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO, 63108.

Electronic Record: To view the record, go to the website and click on the HTML link.
Since 1987, he has appeared in nearly 20 major productions, both with the University’s Performing Arts Department and with local professional companies, including The New Theatre (TNT), Off The Curtain Productions, the St. Louis Shakespeare Company, Shakerag Theatre and the Theatre Factory. His credits include starring roles in “And a Nightingale Sang,” “King Lear,” “Footers” and “The True Messiah.” Shea is particularly fond of his work in TNT’s 1992 version of “Preflode to a Kiss,” the role that earned him professional standing as an Equity actor. “I played an old man who comes to a wedding and, upon kissing the bride, switches souls with her,” Shea said. “The groom then has to figure out if he loved his bride’s body, now housing the old man’s soul, or her soul, now occupying my body. The play raised all sorts of questions — of gender roles, of spirituality — that have long occupied my work, whether on stage, in a committee meeting or in private conversation.”

“Dan has a fault of his own, he’s so generous and so willing to give of his time,” Shea said. “I feel he neglects himself and&S for ‘King Lear,”’ literary gifts.”

It’s an oversight that is now being corrected. Recently, Shea completed a draft of “Patience, My Dear:” a drama based on the life of St. Louis writer Pearl Curran, to which he added playwright to his list of titles.

Born in Minneapo-
sis, Shea grew up in New Jersey and Nebraska before returning to Minneapolis to attend the College of St. Thomas, graduating summa cum laude in 1978. In 1982, Shea earned a master’s degree and a doctoral degree from Stanford University and, in 1962, joined the faculty of the Pennsylvania State University. Shea currently lives in the Skidmore-Delhi neighborhood.

A specialist in early American literature, Shea is the author of “Spiritual Autobiography in Early America,” a study of writings by Quakers and Puritans in 17th- and 18th-century New England. Shea also has published numerous works on New England writers, including Thomas Morton, Jonathan Edwards and, most recently, for the Pennsylvania Quaker poet Elizabeth Ashbridge, whose autobiography he edited.

Shea was first named chair of English in 1978, helping to create the chair and, from 1987 to 1988, chaired the Dean Search Committee for the College of Arts and Sciences. In 1994-95 he co-chaired the University Committee on Sexual Harassment and, in 1987-88, chaired the Dean Search Committee for the Performing Arts Department.

Shea particularly enjoyed his work heading the University Committee on Undergraduate Teaching, which, in 1982, took a comprehensive look at undergraduate education. Shea authored the committee’s final report, which assessed the University as terms of physical facilities, course evaluations, teacher evaluations and the tenure system.

“It’s probably the thing I’m most proud of as an admin-
istrator,” Shea said of the report, which became known as campus on the Shea Report. “Eventually, almost every recommendation we made received attention.”

Shea’s career has been full of changes. “I think that any one person’s work has touched on so many historical patterns that interest me: early American literature, spiritualism, the history of women writers and creative autonomy.”

Dan Shea, Ph.D., (right) appears in the title role of the St. Louis Shakespeare Company’s 1994 production of “King Lear.”

Dan Shea is... an extraordinary colleague in every sense. He has a kind of natural gentility that makes him ideal to work with, whether on stage, in a committee meeting or in private conversation.”

Henry I. Schvey
Visit Washington University on-line calendar at http://cf6000.wustl.edu/calendar/events/v1.1

March 12-21

8 p.m.: Performing arts dept. art opening. "3 Bikes/2 Zero: An Evening of Chorography," St. Louis Dance Studio, 207 Mallinckrodt Center. 935-5538. (See page 3.)

Saturday, March 14


March 12, 19 p.m.: "Disneyland for Adults," Zaloom, actor of television's "Deadman's Walk." Eidson Theatre. 935-5543. (See storage page 2.)

Films

Thursday, March 12


Friday, March 13


Tuesday, March 17

7 and 9 p.m.: Filmboard Foreign and Agriculture. "Kant on Duties Regarding Nature/Man/All." Room 112, Wilson Hall. 935-5495.

Wednesday, March 18


Thursday, March 19

7:45 p.m.: French and Francophone Film Series. "Double Face," directed by Bruno Dernoncourt. Room 204, McDonnell Hall. 935-5175.

Friday, March 20

6:30 p.m.: Filmboard Foreign and Agriculture. "Bis(amido)substituted Bis(cyclic)phosphorus Bis(tin)(alkanoic acid)cyclic phosphinidene." (Also March 21, same time.) Cost: $3 first visit; $2 subsequent visits. Room 906, West Hall. 935-5983.

Midnight, Filmboard Midnight Series. "Muppet Take Manhattan." (Also March 21, same time.) Cost: $3 first visit; $2 subsequent visits. Room 906, West Hall. 935-5983.

Wednesday, March 21

9 a.m.: Art lecture and slide presentation. "Celebrating the Vaccine." Lane, professor of microbiology and immunology.


9 a.m.: Art lecture and slide presentation. "Like White on Rice." Eric P. Newman Education Center. 426 McDonnell Medical Sciences Bldg. 935-6530.


9 a.m.: Art lecture and slide presentation. "Human Natural History: The Evolution of Man." 240 Swasey Auditorium. 935-5170.


9 a.m.: Art lecture and slide presentation. "What Doesn't?" Wulff, professor of chemistry, Howard University. 313 Millenon Lab. 935-6530.


9 a.m.: Art lecture and slide presentation. "What Will You Be?" Corrado, professor of mythology. 215 Rebstock Hall. 935-5170.


9 a.m.: Art lecture and slide presentation. "What Will You Be?" Corrado, professor of mythology. 215 Rebstock Hall. 935-5170.
Women cagers advance in NCAA
Paced by sophomore center Alia Fischer's game-high 24 points and 15 rebounds, the women's basketball team defeated Millikin University 66-54 Saturday in the second round of the NCAA Division III Tournament and go on to the sectional round. Fischer, one of three Bears honored by the University Athletic Association (UAA), was named the women's Player of the Year. Senior Amy Schweizer was named to the all-UAA First Team, while senior Erica Stagen was named to the all-UAA Second Team.

Current Record: 24-2 (13-1 UAA)

Men basketball players honored
A pair of seniors, Matt Greear and Chris Heidbrink, have earned second-team honors on this year's all-UAA team. Heidbrink led the team in scoring with 16.7 points per game, while Greear led the team with 5.4 rebounds per game. Another senior, forward Brad Bergman, who finished as the Bears' leading scorer this season (11.1 points per game), earned second-team GTE academic all-district honors for his 3.91 cumulative GPA.

Final Record: 14-11 (10-4 UAA)

Baseball Bears 5-2
Despite cold weather, the baseball team was able to play seven of its scheduled eight home games during spring break. The Bears won five of those seven contests, including a 6-0 decision vs. Emory College March 3. Strong pitching has helped the Bears' batters lead for a team earned run average of 2.76. Junior catcher Josh Thomas leads the Bears in hitting with a .369 average. The team placed second to the University of Chicago. The men's tennis team placed second to the University of Chicago. The men's tennis team placed second to the University of Chicago.

Current Record: 3-3

Sports

compiled by Mike Wolf, athletic director for media relations, and Kevin Bergquist, aide, director, sports information. For up-to-date news about Washington University's athletic programs, access the Bears' Web site at recoup.wustl.edu/athletics/.

Women's tennis splits
The women's tennis team posted a record on a spring break trip to California that featured matches with three nationally ranked teams. The Bears defeated 24th-ranked Chapman University 6-1 and the University of Redlands 6-3 but lost to 11th-ranked Pomona-Pitzer Colleges (7-2) and No. 6 Claremont-Mudd-Scripps Colleges (7-2).

Current Record: 2-3

Men's tennis wins
After surrendering to national power Emory University 5-2 in Atlanta March 1, the men's tennis squad won all three of its spring break matches in Hilton Head, S.C. The trip was highlighted by a 5-2 victory over Xavier University of Ohio. After the Bears returned from South Carolina, they dropped a 4-3 decision in Midwest Regional power Denison University.

Current Record: 4-2

Runners win
Led by Women's Outstanding Performer Claudine Rigaud, the women's track and field team captured its first UAA indoor championship March 7 at the University of Chicago. The men's team placed second to the University of Rochester and has never finished lower than third in 11 indoor meets. Six University women athletes won a total of seven individual events. Rigaud won championships in the 55 (11.86 record and NCAA Division III provisional qualifying 3.31 seconds) and 200 (26.18 meters).

academically-district honors for his 3.91 cumulative GPA.

Final Record: 14-11 (10-4 UAA)

Baseball Bears 5-2
Despite cold weather, the baseball team was able to play seven of its scheduled eight home games during spring break. The Bears won five of those seven contests, including a 6-0 decision vs. Emory College March 3. Strong pitching has helped the Bears' batters lead for a team earned run average of 2.76. Junior catcher Josh Thomas leads the Bears in hitting with a .369 average. The team placed second to the University of Chicago. The men's tennis team placed second to the University of Chicago. The men's tennis team placed second to the University of Chicago.

Current Record: 3-3

Sports

compiled by Mike Wolf, athletic director for media relations, and Kevin Bergquist, aide, director, sports information. For up-to-date news about Washington University's athletic programs, access the Bears' Web site at recoup.wustl.edu/athletics/.

Women's tennis splits
The women's tennis team posted a record on a spring break trip to California that featured matches with three nationally ranked teams. The Bears defeated 24th-ranked Chapman University 6-1 and the University of Redlands 6-3 but lost to 11th-ranked Pomona-Pitzer Colleges (7-2) and No. 6 Claremont-Mudd-Scripps Colleges (7-2).

Current Record: 2-3

Men's tennis wins
After surrendering to national power Emory University 5-2 in Atlanta March 1, the men's tennis squad won all three of its spring break matches in Hilton Head, S.C. The trip was highlighted by a 5-2 victory over Xavier University of Ohio. After the Bears returned from South Carolina, they dropped a 4-3 decision in Midwest Regional power Denison University.

Current Record: 4-2

Runners win
Led by Women's Outstanding Performer Claudine Rigaud, the women's track and field team captured its first UAA indoor championship March 7 at the University of Chicago. The men's team placed second to the University of Rochester and has never finished lower than third in 11 indoor meets. Six University women athletes won a total of seven individual events. Rigaud won championships in the 55 (11.86 record and NCAA Division III provisional qualifying 3.31 seconds) and 200 (26.18 meters).

Women's tennis splits
The women's tennis team posted a record on a spring break trip to California that featured matches with three nationally ranked teams. The Bears defeated 24th-ranked Chapman University 6-1 and the University of Redlands 6-3 but lost to 11th-ranked Pomona-Pitzer Colleges (7-2) and No. 6 Claremont-Mudd-Scripps Colleges (7-2).

Current Record: 2-3

Men's tennis wins
After surrendering to national power Emory University 5-2 in Atlanta March 1, the men's tennis squad won all three of its spring break matches in Hilton Head, S.C. The trip was highlighted by a 5-2 victory over Xavier University of Ohio. After the Bears returned from South Carolina, they dropped a 4-3 decision in Midwest Regional power Denison University.

Current Record: 4-2

Runners win
Led by Women's Outstanding Performer Claudine Rigaud, the women's track and field team captured its first UAA indoor championship March 7 at the University of Chicago. The men's team placed second to the University of Rochester and has never finished lower than third in 11 indoor meets. Six University women athletes won a total of seven individual events. Rigaud won championships in the 55 (11.86 record and NCAA Division III provisional qualifying 3.31 seconds) and 200 (26.18 meters).
New system streamlines library, adds powerful high-tech features

Responding to the needs of faculty, staff and students, University Libraries have implemented a new automated system that expands services and improves convenience. Using interactive computer services, the system allows users to request books and other materials online and provides access to the Internet through a terminal catalog.

For the past year, the library staff has been working to implement the system for Olin Library and other Hilltop Campus libraries, excluding Greene Library. The new system replaces LUIS, which was in use from 1983. LUIS, which was based on old technology, was expensive, required maintenance of equipment and staff and did not allow users to take advantage of World Wide Web features.

"The new library system provides a significant jump for us, lays the groundwork for providing more services and reduces on-going costs," said Shirley K. Baker, vice chancellor for information technology and director of the University Libraries.

Baker praised the University Libraries' staff for their technological and organizational sophistication in what she called a flawless system replacement. "The changeover was made in record time with no disruption in service and no expensive outside consulting assistance," she said. "This is particularly impressive because it involved every aspect of the library and community interaction with the library.

The most noticeable change is the opportunity to have a graphical user interface. Information is more clearly displayed, and it is easy to link electronically to related resources. For example, when searching for a specific presidential biogaphy, a link will appear to the National Library of Medicine's online database, which includes all other presidential biographies. Hot topics, an online guide to Internet resources they describe; a specific journal's catalog record is also available on the system. Internet resources they describe; a specific journal's catalog record is also available on the system. This feature also can be used to search for a specific president's resources. For instance, can be accessed from any workstation. Users can quickly and easily request the recall a book or a copy of an article. Libraries also make it possible to display full-text articles of journals they subscribe to, an invaluable feature for students and faculty. Readers with information that could help solve these crimes are asked to contact University Police. The most noticeable change is the opportunity to have a graphical user interface. Information is more clearly displayed, and it is easy to link electronically to related resources. For example, when searching for a specific presidential biogaphy, a link will appear to the National Library of Medicine's online database, which includes all other presidential biographies. Hot topics, an online guide to Internet resources they describe; a specific journal's catalog record is also available on the system. Internet resources they describe; a specific journal's catalog record is also available on the system. This feature also can be used to search for a specific president's resources. For instance, can be accessed from any workstation. Users can quickly and easily request the recall a book or a copy of an article. Libraries also make it possible to display full-text articles of journals they subscribe to, an invaluable feature for students and faculty. Readers with information that could help solve these crimes are asked to contact University Police.
Calls to indict Saddam Hussein purely political, international war crimes tribunal expert says

News Analysis

The U.S. Senate Committee on Foreign Relations is considering a resolution sponsored by Sen. Frank R. Lautenberg, D-N.J., calling for indictment and prosecution of Saddam Hussein for war crimes and crimes against humanity. Some senators support such a measure as an alternative to a policy of containment, but Sen. Joe Biden, D-Del., said it would be an option "at least as the media has reported it," to address the current Iraqi crisis.

"The gaping hole in Sen. Specter's proposal, of course, is that there is any international court now in existence that could assume jurisdiction over Saddam Hussein's acts," Wesley said. The United Nations Security Council has established tribunals to try individuals accused of war crimes in the international law cases of Bosnia, Yugoslavia and Rwanda, but Wesley argued that there is no equivalent for the situation in Iraq. He said that the tribunal would have to try individuals who addressed immediate crimes and were widely known. "The international criminal tribunal has no jurisdiction over the generals and the political leaders," he said.

For The Record contains news about students, staff and scholarly activity, staff and student professional activities.

For The Record contains news about students, staff and scholarly activity, staff and student professional activities.

Of note

Roger Chamberlain, D.Sc., associate professor of computer science, has received a one-year, $200,000 grant from the National Science Foundation to study optical data paths for multi-computer networks. Chamberlain and his colleagues plan to develop a new path, including optical switching, for routing data packets to multiple computer processors in a massively parallel processing system, which supplies high-speed computation.

Laura Chapman, a graduate student in the Department of Psychology in Arts and Sciences, recently received an award of $1,000 and a certificate from the Alzheimer's Disease Research Center (ADRC). The ADRC Director's Education Award is given to postdoctoral students who have shown considerable promise in research within the aging and Alzheimer's disease domains. The award is to be used for research purposes, conference travel or other related costs, to be used during the student's further study.

John H. McDaid, professor of law, has received a two-year, $275,000 grant from the National Science Foundation to study innovation in the computer industry related to magnetic rigid disk drives. Ronald S. Inedge, Ph.D., professor of electrical engineering, computer science and director of the University's Magnetics and Information Science Center, is Drobak's co-investigator on the project, which will involve the use of interdisciplinary and technological studies; the development of new and applied sciences; international and domestic legal policy; and the influence of information technology on computer innovation in developing countries.

E. Mark Haudek, Ph.D., professor of radiology and of biomedical engineering, has received a two-year $495,946 grant from the National Cancer Institute and the Lung and Blood Institute for a project titled "MRI of Coronary Artery Disease."

Jeff W. Lichtman, M.D., Ph.D., director of the Swanson Laboratory of Anatomy and neurobiology, has received a three-year $163,862 grant from the National Institutes of Health for a project titled "Neuromuscular Junction Maintenance by Muscaine Fibrous."

Joshua R. Sanes, Ph.D., professor of anatomy and neuroscience, has received a three-year $261,479 grant from the Muscular Dystrophy Association for a project titled "Determinants of Neuromuscular Specificity in Mammals."

On assignment

Eric Mumford, Ph.D., assistant professor of architecture, was chair of a response on the Progressive Planners session at the annual conference of the Society for American City and Regional Planning History held recently in Seattle.

C. W. Sklar, Ph.D., professor of otolaryngology and head of that department's Adult Otalaryngology, was recently chair of the Council on Practitioner Laryngology, a biannual research conference on cochlear implants, held in Pacific Grove, Calif. She also presented an invited paper titled "The Importance and Maximum Acceptable Loudness Level Variability: Implications for Selection of Minimum and Maximum Stimulus Levels for Use in Cochlear Implants."

To press

The 1997 edition of "Corporate and Whiten-Collar Crime: Selected Cases and Statutes" by Elwood F. Brackley, J.D., the James Carr Professor of Criminal Jurisprudence, was published by Aspen. Wrightson has been a major contributor to the book and has served as a trustee and chairman of the Board of Trustees for many years. His interest and support of the University are widely evident — in the first professorship he established in the sciences in 1964, in the establishment of the McDonnell Center for the Space Sciences in 1975 and in many other valuable contributions, especially in the area of genetics and physics.

Dr. Sanford Leeder, a cardiac surgeon, was named honorary director of the National Institute of Neurological Disorders and Stroke by Dr. Dominick J. Purcell, Ph.D., assistant professor of neurology and neuroscience.

Paul Ullman Jr., affiliated professor of finance in engineering and policy

Paul Ullman Jr., affiliate professor of finance in the School of Engineering and Applied Science, and a member of the department's faculty since 1984, was named to a year's leave of absence from the University. Ullman has taught at Washington University since 1966, and has served on the board of directors of the American Bar Association's Central and Eastern European Law and Justice Program, as well as many other committees and groups.

Ullman was a charter member of the Federal Reserve Board of Governors of the United States, and was chairman of the Board of Directors of the New York Stock Exchange from 1974 to 1994.

"It is better to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development," he said.

"The only way to do that is to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development," he said.

"The only way to do that is to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development," he said.

"The only way to do that is to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development, rather than trying to create a strong institution with a core of experts and international business development.
Hilltop Campus

Information regarding these and other opportunities may be obtained by contacting the Office of Human Resources, Room 200, 8022 W. Big Bend Blvd., St. Louis, MO 63110. Phone: 314-980-2037. Fax: 314-980-1873. Web page: http://medicine.wustl.edu/wumshr.

Tony Fitzpatrick
Director of Communications, School of Medicine

The University served as flight headquarters for the Solo Spirit attempt to make an around-the-world hot-air balloon flight. The University served as a start/finish point for the attempt, which received international attention in print and electronic media.

Life insurance, care plans on agenda at March seminars

To access these and other seminars published last month.

U.S. News' Web site adds programs to earlier rankings

For more of these studies at Washington University are available at Pathogene.com, a non-profit association, according to additional rankings published in the latest U.S. News & World Report World Wide Web site but not included in this issue. The rankings are based on a national research project conducted in 1998 and final evaluation report scheduled for May 2000.

Four more of these studies at Washington University are available at Pathogene.com, a non-profit association, according to additional rankings published in the latest U.S. News & World Report World Wide Web site but not included in this issue. The rankings are based on a national research project conducted in 1998 and final evaluation report scheduled for May 2000.

More of these studies at Washington University are available at Pathogene.com, a non-profit association, according to additional rankings published in the latest U.S. News & World Report World Wide Web site but not included in this issue. The rankings are based on a national research project conducted in 1998 and final evaluation report scheduled for May 2000.

Medical Campus

The University is a partner in the Extraordinary Technologies Project, a worldwide effort in computer science and other sciences ranging from environmental research to high-energy physics. The University served as flight headquarters for the Solo Spirit attempt to make an around-the-world hot-air balloon flight. The University served as a start/finish point for the attempt, which received international attention in print and electronic media.

Trustees get update on Human Genome Project

The Washington University Board of Trustees met Thursday, March 6, at the St. Louis Union Station. The trustees heard a report on the status of the Human Genome Project, a worldwide effort in computer science and other sciences ranging from environmental research to high-energy physics. The University served as flight headquarters for the Solo Spirit attempt to make an around-the-world hot-air balloon flight. The University served as a start/finish point for the attempt, which received international attention in print and electronic media.

The Washington University Board of Trustees met Thursday, March 6, at the St. Louis Union Station. The trustees heard a report on the status of the Human Genome Project, a worldwide effort in computer science and other sciences ranging from environmental research to high-energy physics. The University served as flight headquarters for the Solo Spirit attempt to make an around-the-world hot-air balloon flight. The University served as a start/finish point for the attempt, which received international attention in print and electronic media.