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## Washington University Record, February 13, 1997

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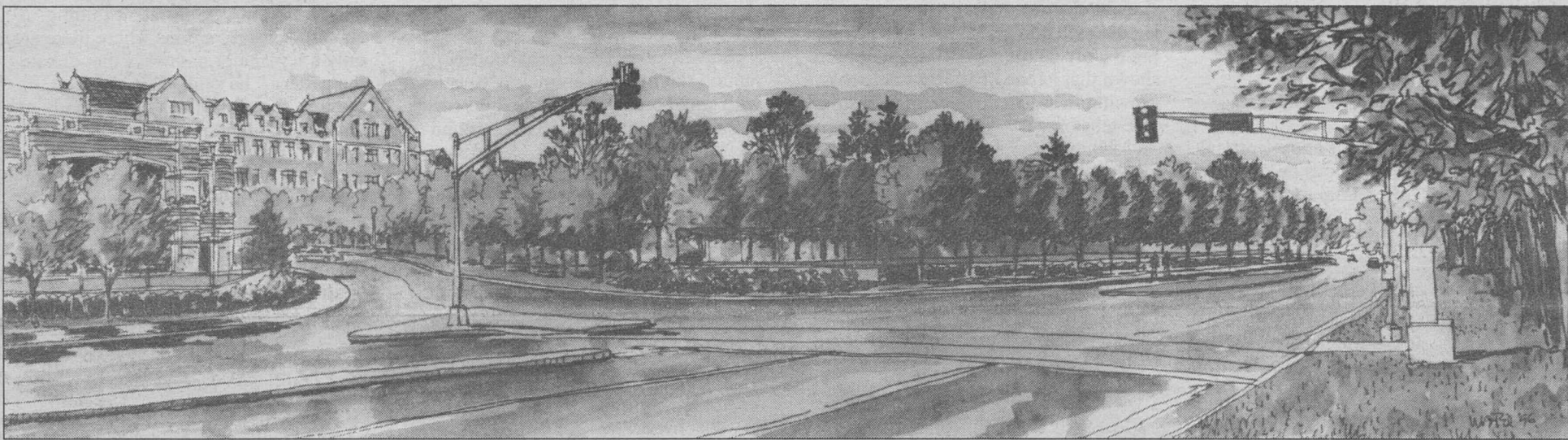
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The artist's rendering above shows how an open-cut, below-grade MetroLink line might look in the vicinity of Brookings Hall on the Hilltop Campus. The perspective of this artist's conception is from the north side of Millbrook Boulevard looking southwest. The traffic light on the right side of the rendering is at the intersection of Millbrook and Hoyt Drive. Hoyt Drive would cross over the proposed MetroLink line on a bridge. The rows of trees are part of Washington University's plan to beautify the northern boundary of the campus with landscaping improvements along the proposed route.



This artist's conception — from the north side of Millbrook Boulevard looking southwest — shows the intersection of Millbrook and Throop Drive. At the Throop-Millbrook intersection, the proposed MetroLink line would pass under Throop. On the far left is the Millbrook Boulevard parking garage, and the building in the background is Anheuser-Busch Hall, new home of the School of Law. Through the strategic use of trees, shrubs and other landscaping, the visible presence of the MetroLink line and any protective fencing would be minimized.

## MetroLink expansion proposals unveiled

The recent public unveiling of proposed expansion routes for the MetroLink light-rail system gave definition to the system's expansion agenda.

The January unveiling of the Cross-County Corridor Major Transportation Investment Analysis (MTIA) detailed 10 proposed combinations of MetroLink expansions and highway improvements organized by transportation corridors. Sverdrup Civil Inc., a St. Louis engineering firm, prepared the MTIA for the Missouri Department of Transportation and the East-West Gateway Coordinating Council, a regional planning organization.

Hundreds of area residents packed the Clayton Community Center on Jan. 22 to get their first looks at aerial photographs marked with proposed routes to extend Interstate 170 into south county and to extend MetroLink into new parts of St. Louis County.

MetroLink now connects downtown St. Louis with Lambert-St. Louis International Airport to the northwest. Proposed expansions call for the creation of an east-west connector between downtown St. Louis and I-170 and a north-south route along I-170.

Expansion plans are being considered for several reasons, including the overwhelming success of the existing MetroLink line and the area's overly burdened roadways, outdated highway interchanges and pollution-choked air.

Proposition M, approved by voters in 1994, established a quarter-cent sales tax in St. Louis and St. Louis County dedicated to paying for the operation and expansion of MetroLink. The tax was approved by 70 percent of voters in the central townships, which include University City and Clayton.

There are four proposed east-west

MetroLink routes, all in the east subcorridor, where Washington University is located. It is likely that one of these four plans will be selected. Three of the four proposed routes call for the line to run along the northern edge of the University's Hilltop Campus.

Of these four routes, the one favored by the University would run west along Forest Park Parkway/Millbrook Boulevard from DeBaliviere Avenue to Clayton's Government Center and Central Business District, where the weekday influx of 30,000 commuters now creates major parking problems.

This route, the "north-of-the-park route," starts at the Forest Park MetroLink station at DeBaliviere. As proposed by Sverdrup, the route would cross under Forest Park Parkway and then travel west on the south side of the parkway below grade along an existing right of way.

Where the line crosses Des Peres Avenue, it would have to rise to ground level in order to pass over the River Des Peres storm sewer. At Skinker Boulevard, the route would tunnel beneath the street to avoid disrupting traffic. After passing Skinker, the proposed route would travel along the northern edge of the Hilltop Campus, on the south side of Millbrook Boulevard. The University advocates that the train run along campus in an open cut — a below-street-level track with an open top. Tracks, wires, poles and trains would not be visible from street level. The route would continue west to Big Bend Boulevard, crossing under Hoyt and Throop drives, then would tunnel under the Millbrook-Big Bend intersection, crossing to the north side of Forest Park Parkway. It would travel on an existing right of way on the parkway below grade until just

*Continued on page 7*

## Newcomer WUTV hits the airwaves with lofty goals for growth

Working from a makeshift studio in the basement of Prince Hall — complete with a beat-up faux leather couch and cables running everywhere — a group of Washington University students are filling the campus airwaves and fulfilling a dream with a new student-run TV station.

Washington University Television (WUTV), which recently started operating 24 hours a day on Channel 55, delivers a variety of student-oriented programming to the campus community. While WUTV directors currently rely heavily on stock footage to fill air time, they have ambitious plans for the future.

Senior Adam Pogach, WUTV's programming director, said he eventually would like to broadcast a slate of shows produced weekly.

"We think that it can be a valuable way to get information out to the students," Pogach said of the station that is carried via the University's cable-TV system. "We want to be both informative and entertaining."

Pogach envisions three shows that would form the core of the weekly programming: a news program; broadcasts of Assembly Series lectures with interviews; and a program featuring student groups and activities.

Eventually, the station would add more shows, including broadcasts of sporting events, talk shows and other programs developed and produced by students.

"Right now, we just don't have the equipment or the time to expand in a big way," Pogach said. "This is very time-consuming, and we can only do so much."

Last fall, Pogach and junior Steve Lewis, WUTV's general manager, traveled to San Diego to record for WUTV the frenzy of activity surrounding the presidential debate held there.

*Continued on page 6*

### In this issue ...

#### Mechanical tension ..... 2

A fetus' brain folds into a compact shape perhaps because its cells behave like rubber bands

#### On firm footing ..... 3

Phillip L. Gould, Ph.D., has led the Department of Civil Engineering to a higher level

#### Musical keynote ..... 5

Trumpeter Wynton Marsalis' Assembly Series lecture highlights the weeklong Cultural Celebration



# Medical Update

## Van Essen says mechanical tension might shape brain

**D**avid C. Van Essen, Ph.D., the Edison Professor of Neurobiology and head of the Department of Anatomy and Neurobiology, says a developing infant's brain folds into a compact shape perhaps because the brain cells behave like rubber bands.

In the Jan. 23 issue of the journal *Nature*, Van Essen presented the idea that mechanical tension might shape the brain. The journal publishes hypothesis papers about once a year to spotlight innovative concepts.

"There's a vast literature on how brain cells migrate and establish connections," Van Essen said. "But questions about how the brain attains its distinctive shape have received much less attention from neuroscientists."

A mammal's brain has a thin outer sheet, the cerebral cortex, wrapped around an inner core of subcortical structures. The human cortex, involved in thinking and other cognitive tasks, is the size of a 16-inch pizza. It fits inside the skull because it is highly convoluted instead of smooth. So why, Van Essen wonders, is the cortex convoluted in some animals such as humans, apes and whales but perfectly smooth in others such as mice and rats? And what transforms the smooth cortex of a human fetus to a structure that resembles crumpled newspaper by the time the baby is born?

"Previous speculations about cortical folding have tended to focus on differential growth and differential migration of cells — an outward fold or bulge in the

cortex was thought to be a place where there was extra cell growth," Van Essen said. "The underlying idea was that some neurons are programmed to proliferate more exuberantly than others."

Van Essen said the brain may not require a detailed genetic manual to reach its final shape even though cells in various parts do express different genes. Instead, he proposes that cortical folding relates to the pattern of long-distance connections between different parts of the cerebral cortex. These connections are made by axons — long "wires" that enable nerve cells to communicate with one another. In many parts of the brain, large numbers of axons or other elongated cell parts run in the same direction, like strings on a guitar. If these neuronal strings are under tension, they would try to contract, like a rubber band on a slingshot contracts when the tension is released. Indeed, Steve Heidemann and colleagues at Michigan State University in East Lansing have shown that axons of isolated neurons growing in a dish do generate considerable tension.

As bundles of axons establish connections with other parts of the brain, they could pull the interconnected regions closer together, Van Essen

suggests. So the intervening tissue would crumple into a fold, as strings under tension would crumple a guitar neck that was pliable instead of rigid.

Van Essen, who has studied the brain's visual system for more than 20 years, developed his idea while thinking about the two largest components of the visual cortex, areas V1 and V2, which are strongly interconnected. The cortex folds so that V1 and V2 are particularly close together in the mature brain, even though they are more widely separated early in development, when the cortex is flat. "Other investigators, particularly Christopher Cherniak at the University of Maryland, have suggested that different parts of the brain are placed so that total wiring length is as short as possible," Van Essen said.

Given that notion, Van Essen realized that the proximity of areas V1 and V2 is a good example and that mechanical tension is a simple and efficient mechanism for attaining this outcome. "Later, I realized the hypothesis could be readily extended to the brain in its entirety. For example, the accordion-like folding of the cerebellum can be explained by its unique pattern of internal connections," he said.

So why does the cerebral cortex remain flat in some animals? "Species with small brains have a cerebral cortex that's just big enough to wrap around the subcortical structures," Van Essen said. "In this case, the tendency to fold would be opposed by hydrostatic pressure from the internal structures, just as

pressure inside a balloon prevents wrinkling. Folding occurs when the cortex grows sufficiently large that it wraps only loosely around these internal structures."

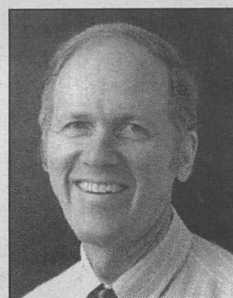
A clinical condition called hydrocephalus supports this explanation. When cerebrospinal fluid cannot escape from the brain through its normal exit, it enlarges the fluid-filled ventricles within the brain. This hydrostatic pressure forces the brain to expand, and the cortex fails to fold normally.

Another relevant observation comes from Pasko Rakic's group at Yale University and colleagues in Japan. Through experiments on transgenic mice, the researchers interfered with the process that prunes surplus cells in the developing brain. The cerebral cortices of the mice were wrinkled instead of smooth. The retina also was crumpled. "These observations suggest that extra neurons in the cortex and retina alter the balance of forces and allow folding to occur," Van Essen said.

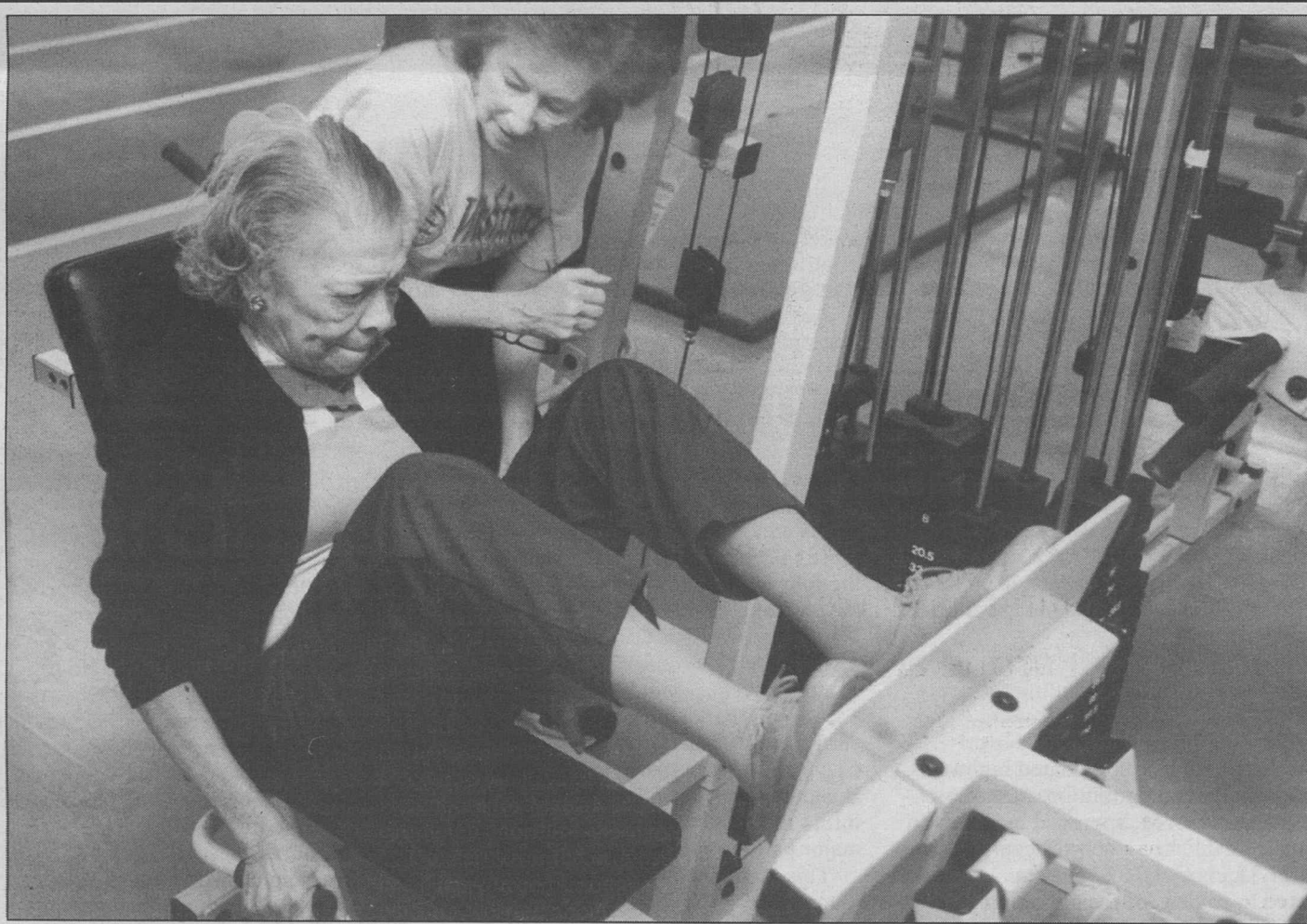
Van Essen's hypothesis also can explain both the consistency and variability in the shapes of different people's brains. "Consistent folding should occur in regions where there are only a few major pathways that dictate the pattern," he said. "But in other regions, there may be a more evenly balanced competition among the hundreds of specific pathways that interconnect nearby cortical areas. So in one person, a slightly stronger pathway or slightly larger cortical area may tilt the balance toward one pattern of folding, whereas another individual with a slightly weaker pathway may progress toward a completely different folding pattern in that part of the cortex."

Van Essen noted that his idea can be tested with computer models as well as with a variety of experimental studies. "This hypothesis is attractive because it can explain the distinctive shapes of many different structures in the central nervous system," he said. "But it needs to be tested as critically as possible in a case-by-case situation."

— Linda Sage



David C. Van Essen



### Studying hip fractures

Exercise technician Judith Gordon, right, instructs Faye Jackson in weight training for a study to determine if a specialized exercise program can prevent or minimize disability from hip fractures. Volunteers 78 and older who have sustained hip fractures within the past three months are needed. For more information, call Nancy Shelley at (314) 286-2710.

## Dwight Towler chosen as a 1996 Culpeper scholar

**T**he Charles E. Culpeper Foundation has chosen Dwight A. Towler, M.D., Ph.D., as one of three 1996 Medical Science Scholars. Towler is an assistant professor of molecular biology and pharmacology and of medicine and is a faculty member in the Division of Bone and Mineral Diseases.

The Culpeper Foundation helps develop the careers of young academic physicians by providing research funds of \$100,000 per year for as many as three years.

Towler studies the production of proteins by bone cells called osteoblasts. "More than a quarter-million Americans suffer hip fractures each year," he said. "Most of them have osteoporosis. If we can obtain a better understanding of how normal osteoblasts regulate bone quantity and quality, we may be able to prevent fractures by promoting these processes in high-risk individuals."

Towler has cloned the gene for a major bone protein called osteocalcin and is unraveling the details of its regulation by

bone growth-promoting factors. With the Culpeper funds, he will continue to identify small proteins called transcription factors that both mediate such growth-factor signals and alter the activities of genes involved in bone production.

The private Culpeper Foundation was established under the will of Charles E. Culpeper, one of the early pioneers in the bottling and marketing of Coca-Cola. The foundation received nominations for the 1996 scholarships from about 50 U.S. medical schools.

## Record

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 **Washington**  
WASHINGTON UNIVERSITY IN ST. LOUIS



# Washington People

## Gould puts civil engineering on solid ground

In his 30 years at Washington University, Phillip L. Gould, Ph.D., the Harold D. Jolley Professor and chair of the Department of Civil Engineering, has made great strides in keeping the department and the community on firm footing.

During those three decades, Gould has made important contributions to engineering design and earthquake engineering. In the 1970s, he became interested in the earthquake hazard in the St. Louis region and, with other engineers and scientists, was instrumental in spurring the enforcement of the earthquake building code for new buildings in the city of St. Louis and St. Louis County.

Gould's efforts led to strengthening the code and have changed the way architects and builders design and construct new buildings, particularly critical ones such as schools, hospitals and fire stations. He has enlightened St. Louis to the risks facing nearly 500,000 buildings and bridges in the event of an earthquake of 6.0 or more on the Richter scale.

His emphasis when he joined the faculty in 1966 was the design of thin-shelled hyperbolic cooling towers — 600-foot-tall structures that cool and recycle water from nuclear and other power plants. One flaw in the design of such a fragile structure could result in disaster. In designing hyperbolic cooling towers, he was one of the first engineers to use finite element analysis — the computerized process of subdividing an object into a mesh of elements and computing the stresses and deformations they undergo under certain conditions — all to make a stronger, safer and more economical structure.

Gould has chaired the civil engineering department since 1978, guiding the School of Engineering and Applied Science's smallest department toward the same teaching and research level as its counterparts at Purdue University in West Lafayette, Ind.; the University of Illinois in Urbana-Champaign; and the Massachusetts Institute of Technology. He has taught hundreds of undergraduate and graduate students the principles of structural-engineering design — developing innovative and efficient teaching methods involving close interaction with area engineers.

"I'm proud that our department is recognized as certainly the best civil engineering department in Missouri and on the same footing as places such as Purdue and Illinois," Gould said. "Achieving that recognition has taken a lot of drive and commitment on the part of our faculty, staff and administration."

"It's also gratifying to see the numbers of students granted civil engineering degrees at Washington University rise in recent years and the enthusiastic response to our graduate programs, which we've tried to develop in a practical way for professional engineers. As for earthquake design, we've gone from a standpoint of basic social ignorance of the problem to one where even elementary-school children in our region know of the risk and where local builders now are constructing new buildings adapted to a stricter code."

Gould grew up on Chicago's south side and attended the University of Illinois, where he received bachelor's (1959) and master's (1960) degrees in civil engineering. He worked in industry for several years before earning a doctorate in civil engineering in 1966 from Northwestern University in Evanston, Ill.

### Shifting focus to earthquake engineering

Coming to St. Louis, Gould, like many transplants, had little inkling of the seismic hazard posed by several fault zones in Missouri, Arkansas, Illinois and Indiana — the best-known being the New Madrid Fault, responsible nearly 200 years ago for the largest earthquakes ever to hit the continental United States. Scientists generally agree that the New Madrid Fault has a strong chance of producing a major earthquake during the next 50 years.

In the early 1970s, Gould was approached by University alumnus Arthur Monsey, D.Sc., who now teaches construction management for the department part-time, and St. Louis engineer Harvey Gillerman about plans to get the city and county building code changed to require designing new buildings for earthquake resistance.

"At that point, the code had provisions for earthquake design, but the city and county were operating under an exclusion clause that allowed them to ignore that provision because there had been no historical record of damage from an earthquake," Gould said. "A valuable impetus to our efforts was the work of the late Otto Nuttli, a geophysicist at Saint Louis University who had alerted the community of impending damage from an earthquake. But he'd gotten little reception from the political community. I became allied with the proponents of code changes, and — with the St. Louis section of the American Society of Civil Engineers — we formed a committee to work on

"Phil is one of the brightest people I know in structural engineering," said Foutch, who was the seismic design consultant for the new cable-stayed bridge over the Mississippi River at Alton, Ill. "His work on shell structures is known around the world. St. Louis is in much better shape regarding earthquake-hazard reduction than most cities in the Midwest, in part because of Phil's efforts."

### Department adapts to students' needs

The University's civil engineering department concentrates on more than just earthquake engineering. Materials research, environmental engineering and transportation are three strong areas, in addition to structural design.

Master's degree programs offered by the department are innovative and slanted toward professionally oriented full- or part-time students. One program offers a master's in structural engineering with an emphasis in earthquake engineering.

The department also offers to conventional students and practicing engineers an independent 10-hour program leading to a certificate in earthquake engineering. The certificate program is believed to be the first of its kind in North America.

Another program offered by the department is the master's in construction management, which was started by Monsey in the 1980s. Though awarded by the civil engineering department, the degree is in construction management — not engineering — and appeals to people with business, urban planning and architecture backgrounds, as well as engineers.

"The construction-management program shows that the School of Engineering and Applied Science can offer degrees that address the professional needs of students who are not engineers," Gould said. "In designing these programs, we've recognized that the master's degree in many cases is a terminal degree for engineers rather than the first step toward a doctorate."

In addition to teaching graduate courses in analysis of shells and structures, Gould regularly teaches "CE 341," the first professional course in structural engineering for juniors, and "CE 467," an advanced structural-design projects course for undergraduates.

In the latter, Gould coordinates the design projects by putting students in teams that use state-of-the-art equipment and computer programs to design a substantial bridge or building. He calls upon St. Louis engineers, often University civil engineering alumni, to serve as practical guides.

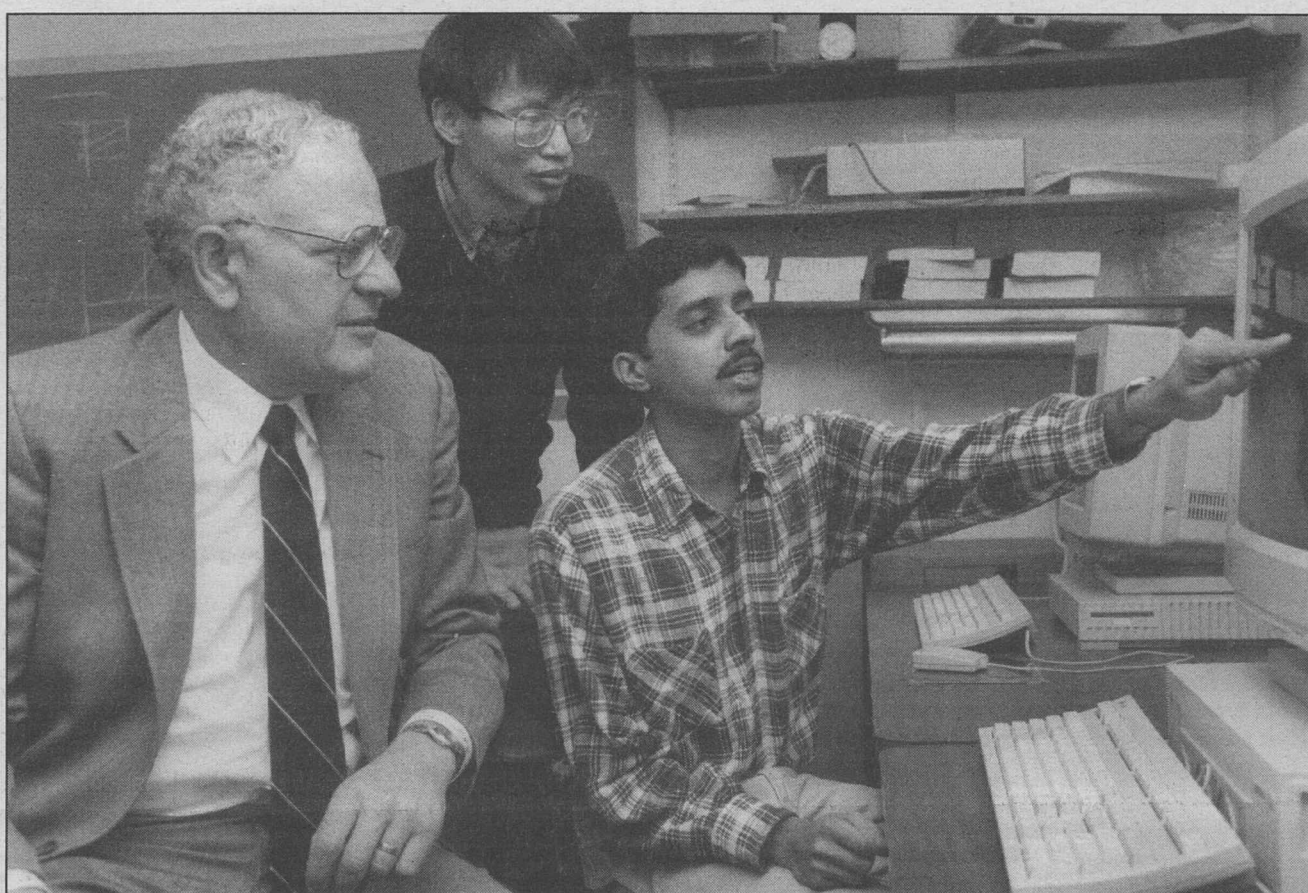
"Our students get lots of contact with practicing pros who are right on our doorstep," Gould said. "We couldn't run this kind of program if we were located in the country or in a mega-city like Chicago or New York. That's a distinct advantage of being in a mid-sized urban area."

Gould particularly is interested in international cooperative research and student-exchange programs. Spurred by a 1974-75 sabbatical grant as an Alexander von Humboldt Foundation Senior U.S. Scientist in Germany, he has visited and lectured at leading institutions in Europe, Asia and Australia. Recently, he has worked to establish a study abroad program that enables University undergraduates in engineering to spend their junior year at prestigious foreign universities while students from those universities come here.

Gould and his wife, Deborah, who holds a master's degree in library science from the University, have four children. Three of the children have degrees in engineering, and two have links to the University.

"I believe that an engineering undergraduate education is an excellent basis for a professional career in medicine, law, business and other professions, along with engineering itself," Gould said. "As for the future, the department has high hopes as we approach the next century. In particular, we are optimistic that the earthquake engineering research center will come through and also a similar center for infrastructure research."

— Tony Fitzpatrick



Phillip L. Gould, Ph.D., left, discusses research with graduate students Frank Ma, center, and Manohar Kollegal.

"I'm proud that our department is recognized as certainly the best civil engineering department in Missouri and on the same footing as places such as Purdue and Illinois."

the problem. It took nearly a decade, but we got both the city and county to unanimously endorse the change."

Gould said the regional earthquake risk should be kept in perspective.

"I think the public knows that the earthquake hazard here is not the most serious day-to-day problem the community faces, but it is one of those problems that has a certainty. It's not 'if' but 'when.' Fortunately, we may have a long time to prepare for it," he said. "The average turnover in building stock is about 2 percent, so in 50 years we may reap the full benefits of the work done by the professional community."

Gould's involvement in earthquake issues led to his 1993 election as a national director of the Earthquake Engineering Research Institute, one of the first Midwestern engineers so elected. He now serves as vice chair of the Missouri Seismic Safety Commission, which reports to the state Legislature. And Gould is excited by the possibility of participating in a Midwest earthquake engineering research center involving the University of Illinois, Washington University and other leading universities. There is currently only one such research center in the nation — at the State University of New York at Buffalo. The proposed center, Gould said, would have a Midwest orientation and would focus on structures at risk in this region.

Colleagues such as Douglas A. Foutch, Ph.D., professor of civil engineering at the University of Illinois, speak glowingly of Gould.



# Calendar

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

## Feb. 13-22



### Exhibitions

**"Abstract Expressionism: American Art in the 1950s and '60s."** A collection of 20th-century masterpieces by artists of the "New York School." Through April 6. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m. to 4:30 p.m. weekdays; noon to 5 p.m. weekends. 935-4523.

**Arts Connection/City Faces exhibit.** Features works by participants in City Faces, a summer drawing program for at-risk youths. Through March 29. Center Of Contemporary Arts, 524 Trinity Ave. 725-6555.

**"The Last Time I Saw Paris: A City in Time."** A Department of Special Collections exhibit. Through March 21. Special Collections, level five, Olin Library. Hours: 8:30 a.m. to 5 p.m. weekdays. 935-5495.

**"The Lens of Architecture: Ronchamp Through Hervé."** Architectural photographs by 20th-century photographer Lucien Hervé. Through March 30. Gallery of Art, lower gallery, Steinberg Hall. Hours: 10 a.m. to 4:30 p.m. weekdays; noon to 5 p.m. weekends. 935-4523.



### Films

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

#### Friday, Feb. 14

**7 and 9:30 p.m. Filmboard Feature Series.** "Fargo." (Also Feb. 15, same times, and Feb. 16 at 7 p.m.)

**Midnight. Filmboard Midnight Series.** "The Bicycle Thief." (Also Feb. 15, same time, and Feb. 16 at 9:30 p.m.)

#### Tuesday, Feb. 18

**6 p.m. Chinese Film Series.** "Sandwich Man." Room 219 South Ridgley Hall. 935-5156.

**7 and 9 p.m. Filmboard Classic Series.** "Alice Doesn't Live Here Anymore." (Also Feb. 19, same times.)

#### Friday, Feb. 21

**7 and 9:30 p.m. Filmboard Feature Series.** "Night on Earth." (Also Feb. 22, same times, and Feb. 23 at 7 p.m.)

**Midnight. Filmboard Midnight Series.** "The Gods Must Be Crazy." (Also Feb. 22, same time, and Feb. 23 at 9:30 p.m.)

### Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor(s), title of event, name(s) of speaker(s) and affiliation(s), and admission cost. Quality promotional photographs with descriptions are welcome. Send items to Judy Ruhland at Campus Box 1070 or via fax to (314) 935-4259. Submission forms are available by calling (314) 935-4926.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline or holiday schedule or need more information, call (314) 935-4926.



### Lectures

#### Thursday, Feb. 13

**11:15 a.m. Social work seminar.** "The Youth Services Project: Mental Health Services Through Public Service Sectors." Presented by Arlene R. Stiffman, assoc. prof. of social work, and doctoral candidates Diane Elze, Eric Hadley-Ives, Sharon Johnson and Matthew Ringenberg. Sponsored by the Center for Mental Health Services Research. Room 353 West Campus Administrative Center. 935-5687.

**Noon. Genetics seminar.** "The Phenylalanine Hydroxylase (PAH) Locus: A Record of Diversity." Charles R. Scriver, Montreal Children's Hospital Research Institute, McGill U. Cori Aud., 4565 McKinley Ave. 362-7072.

**2:30 p.m. Mechanical engineering seminar.** "Hierarchical Structural Modeling With a Combination of h- and p-version Finite-element Methods." Roland Krause, visiting research assoc., Cornell U., Ithaca, N.Y. Room 100 Cupples II Hall. 935-6055.

**4 p.m. Cancer Center seminar.** "From Microscopes to Microsatellites." David Sidransky, director, Otolaryngology-Head and Neck Cancer Research Division, Johns Hopkins U., Baltimore. Third Floor Aud., St. Louis Children's Hospital. 362-9035.

**4 p.m. Earth and planetary sciences colloquium.** "Geology of Madagascar and Its Role in the Formation of Gondwanaland." Robert D. Tucker, asst. prof. of earth and planetary sciences. Room 362 McDonnell Hall. 935-5610.

**4 p.m. Molecular biology and pharmacology seminar.** "Signaling Processes in Drosophila Oogenesis." Trudi Schupbach, Dept. of Biology, Princeton U. Pharmacology Library: Philip Needleman Library, Room 3907 South Bldg. 362-3365.

**4:15 p.m. Philosophy lecture.** "Is James a Panpsychist?" Mark Moller, instructor in philosophy, Denison U., Granville, Ohio. Stix International House living room. 935-6614.

**4:30 p.m. Math colloquium.** "The Schwarz Reflection Principle Revisited." Dima Khavinson, prof. of mathematics, U. of Arkansas, Fayetteville. Room 199 Cupples I Hall. 935-6726.

**5 p.m. Vision sciences seminar.** "Mediator Pathways for Neurodestruction and Neuroprotection in the Glaucomatous Optic Nerve." Arthur H. Neufeld, the Bernard Becker Research Professor of ophthalmology and visual sciences. East Pavilion Aud., Barnes-Jewish Hospital. 747-1487.

#### Friday, Feb. 14

**9 a.m. Genetics seminar.** "Drosophila Discussion Group." Speakers are James Skeath, assoc. prof. of genetics, WU, and Trudi Schupbach, Dept. of Biology, Princeton U. Room 212 McDonnell Hall. 935-5348.

**Noon. Cell biology and physiology seminar.** "Protein and Lipid Sorting in the Trans Golgi Network of Polarized and Non-polarized Cells." Enrique Rodriguez-Boulan, Dept. of Cell Biology and Anatomy, Cornell U. Medical College. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

**1:30 p.m. Neuroscience research presentations.** O'Leary Prize competition. Students and postdoctoral fellows will present their work in a series of talks. Room 928 McDonnell Medical Sciences Bldg. 362-3365.

**4:30 p.m. Math analysis seminar.** "Best Approximation in the Mean by Analytic Functions." Dima Khavinson, prof. of mathematics, U. of Arkansas, Fayetteville. Room 199 Cupples I Hall. 935-6726.

#### Saturday, Feb. 15

**11 a.m. University College Saturday Seminars.** "Creating National Memory: The Case of Russia." James V. Wertsch, prof. and chair, Dept. of Education. Room 362 McDonnell Hall. 935-6788.

#### Monday, Feb. 17

**2:15 p.m. Physics seminar.** "Discovery of Global Minimum Principle for the Inversion of Schroedinger's Equation." James H. Rose, Ames Laboratory and Physics Dept., Iowa State U. Room 241 Compton Hall. 935-6239.

**4 p.m. Biology seminar.** "Molecular Biology of Transition Metal Uptake in Eukaryotes." David Eide, assoc. prof. of biochemistry and of food science and human nutrition, U. of Missouri, Columbia. Room 322 Rebstock Hall. 935-6860.

**4 p.m. Immunology seminar.** "TH1/TH2 Regulation by Rouse CD1-specific NK2 T Cells." Albert S. Bendalac, prof. of molecular biology, Princeton U. Eric P. Newman Education Center. 362-8748.

#### Tuesday, Feb. 18

**Noon. Molecular microbiology/microbial pathogenesis seminar.** "Design and Application of Novel Retrovirus Packaging Cell Line." Daniel Ory, instructor in medicine. Room 775 McDonnell Medical Sciences Bldg. 362-7258.

**4 p.m. Diabetes research seminar.** "Pancreatic Islet Phospholipases A<sub>2</sub>." John W. Turk, prof. of medicine and of pathology. Pathology Library, Room 3723 West Bldg. 362-7435.

#### Wednesday, Feb. 19

**6:30 a.m. Anesthesiology Grand Rounds.** Topic to be announced. Speaker is Ralph G. Dacey Jr., prof. and chair, Dept. of Neurological Surgery. Wohl Hospital Bldg. Aud., 4960 Children's Place. 362-6978.

**8 a.m. Obstetrics and Gynecology Grand Rounds.** "History of Contraception." Peter Schwartz, assoc. clinical prof., U. of Pennsylvania, Philadelphia. Clopton Aud., 4950 Children's Place. 362-3143.

**11 a.m. Assembly Series.** Multiculturalism Debate: "Battleground or Meeting Ground?" Todd Gitlin, prof., culture and communication, journalism and sociology departments, New York U., will deliver Part II of the debate. Graham Chapel. (See story on page 5.) 935-5285.

**3:45 p.m. Physics colloquium.** "What Have We Learned From Cosmic Ray Research?" Michael W. Friedlander, prof. of physics. Room 204 Crow Hall. 935-6252.

**4 p.m. Biochemistry and molecular biophysics seminar.** "A Radical Perspective on DNA." Thomas D. Tullius, prof. of chemistry, Johns Hopkins U., Baltimore. Cori Aud., 4565 McKinley Ave. 362-0261.

#### Thursday, Feb. 20

**11:15 a.m. Social work seminar.** "Measuring Service Use From Provider Records." Mingliang Zhang, asst. prof., Center for Mental Health Care Research, U. of Arkansas-Medical Sciences. Room 353 West Campus Administrative Center. 935-5687.

**4 p.m. Cancer Center seminar.** "Energy and Clonal Deletion to Control Allo-reactivity." Lee Nadler, chair, Dept. of Medical Oncology, Dana Farber Cancer Institute, Harvard U. Medical School. Third Floor Aud., St. Louis Children's Hospital. 362-9035.

**4 p.m. Earth and planetary sciences colloquium.** "Atmospheres of Brown Dwarf and Extracolor Giant Planets." Mark Marley, asst. prof. of astronomy, New Mexico State U., Las Cruces. Room 362 McDonnell Hall. 935-5603.

**4:15 p.m. Philosophy lecture.** "The Importance of Nonscientific Knowledge." Hilary Putnam, prof. of philosophy, Harvard U. Room 361 McDonnell Hall. 935-6614.

**4:30 p.m. Math colloquium.** "Mathematics in Industry — One Person's Perspective." Jerry Cline, former head of operations analysis, McDonnell Douglas Corp. Room 199 Cupples I Hall. 935-6726.

**8 p.m. African and Afro-American studies/American culture studies/English lecture.** "The Lessons of the Master: Getting to Know Ralph Ellison." Horace Porter, assoc. prof. of English and director, African and Afro-American studies, Stanford U. Hurst Lounge, Room 201 Duncker Hall. 935-5690.

#### Friday, Feb. 21

**11 a.m. Assembly Series.** "Redemption Through Sacrifice: The Legacy of American Slavery," jazz musician Wynton Marsalis. Part of the Cultural Celebration. Graham Chapel. Seating is limited. (See story on page 5.) 935-5285.

**Noon. Cell biology and physiology seminar.** "Amiloride-sensitive Na<sup>+</sup> Channels: Properties and Regulation." Dale J. Benos, prof. of physiology and biophysics, U. of Alabama, Birmingham. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

**1 p.m. Molecular microbiology/microbial pathogenesis seminar.** "Viral Dynamics in HIV1." George Shaw, prof., Dept. of Medicine and Microbiology, U. of Alabama. Cori Aud., 4565 McKinley Ave. 362-7258.

#### Saturday, Feb. 22

**11 a.m. University College Saturday Seminars.** "When you see this, remember me ..." William H. Gass, the David May Distinguished University Professor in the Humanities and director, International Writers Center. Room 362 McDonnell Hall. 935-6788.

**1 p.m. Slide lecture.** Patrick C. Renschen, lecturer in art, will describe his newest work, "Where the River Turns," which depicts his first trip to Big Bend National Park on the Texas/Mexico border. Room 104 Bixby Hall. 935-4643.



### Music

#### Saturday, Feb. 15

**8 p.m. Contemporary music concert.** New Music Circle presents Richard Lerman. Cost: \$10; \$6 for senior citizens and students. Steinberg Hall Aud. 781-9314.

#### Sunday, Feb. 16

**2:30 p.m. Wind Ensemble concert.** "For Heroes Lost and Fallen II," a program of works inspired by military themes. The Saint Louis Art Museum Aud. (See story on page 5.) 935-5581.

#### Thursday, Feb. 20

**8 p.m. Piano recital.** Featuring Aldo Mancinelli, artist-in-residence, Millikin U., Decatur, Ill. Program: two sonatas by Domenico Scarlatti; Variations on "Abegg" by Robert Schumann; Sonata in B-flat minor by Frédéric Chopin; "Images, Book I" by Claude Debussy; "Barcarolle" by Charles Griffes; and Ballade in B minor by Franz Liszt. Graham Chapel. 935-5581.



### Performances

#### Friday, Feb. 14

**8 p.m. The Performing Arts Dept. presents** "The Girl From Clare," by Patricia M. Cobey, playwright-in-residence. (Also Feb. 15, same time; Feb. 16 at 7 p.m.; Feb. 21 and 22 at 8 p.m.; and Feb. 23 at 2 p.m.) Cost: \$8 for the general public; \$6 for senior citizens and WU students, faculty and staff. Drama Studio, Room 208 Mallinckrodt Center. 935-6543.

#### Friday, Feb. 21

**8 p.m. Edison Theatre's "OVATIONS!"** series presents David Grisman and his quintet. (Grisman will perform with Fishel Bresler at both 8:30 p.m. Feb. 22 and at 2 p.m. Feb. 23.) Cost: \$23 for the general public; \$18 for senior citizens and WU faculty and staff; and \$12 for WU students. Edison Theatre. (See story on page 6.) 935-6543 or 534-1111.





## Miscellany

**Call for abstracts.** The second annual Graduate Student Research Symposium is seeking abstracts in biological sciences, humanities, physical sciences, social sciences and professional degrees and student leadership. The symposium will be held March 22. Abstracts are due Feb. 13 and should be mailed to: Research Symposium, Graduate Student Senate, Washington University, Campus Box 1187, One Brookings Drive, St. Louis, MO, 63130. Abstracts also may be attached to e-mails and sent to [gss@artsci.wustl.edu](mailto:gss@artsci.wustl.edu). Call 935-7355 for more info., or access the senate's home page at <http://www.artsci.wustl.edu/~gss/>.

**Cultural Celebration.** A weeklong series of events organized by the Campus Y to highlight cultures represented in the University and St. Louis communities. Events will be held Feb. 16-22, beginning with the Black Anthology program. (See stories on this page.)

**Registration is open for the following Office of Continuing Medical Education seminars:** "Twenty-third Internal Medicine Review" (weekly sessions held Feb. 24 through May 19) and "New Approaches to the Management of HIV Disease: Update From the Fourth Conference on Retroviruses and Opportunistic Infections" (March 22). 362-6891.

### Saturday, Feb. 15

**9 a.m.-noon. Book arts workshop.** "Leather Bookbinding." Instructor Andrea Vadner will guide you through the process. Cost: \$40. Room 104 Bixby Hall. 935-4643.

### Tuesday, Feb. 18

**6 p.m. Biology lecture/reception.** The fourth program of the 1996-97 Arts and Sciences Century Club Series. "Leaping Lizards: Studies of Biodiversity in the Caribbean," Jonathan B. Losos, asst. prof. of biology. Goldfarb Aud., McDonnell Hall. Reception: 5:30 p.m. Call 935-8003 or 935-4986 by Feb. 14 for reservations.

**8 p.m. Reading.** Poet and translator Michael Hofmann will read from his works. Cost: \$5; free for students and senior citizens; and Arts and Education Council cardholders receive a two-for-one discount. West Campus Conference Center. (See story on page 6.) 935-5576.

### Friday, Feb. 21

**6:45 p.m. Hillel Center event.** Junior/Senior Progressive Dinner. Cost: \$5. Hillel Center, 6300 Forsyth Blvd. To make reservations, visit the Hillel Center or call 863-3161 or 726-6177 by Feb. 17.

### Saturday, Feb. 22

**7:30 a.m. Office of Continuing Medical Education seminar.** "Alzheimer's Disease — Recent Developments in Diagnosis, Pathogenesis and Treatment." The Ritz-Carlton, Clayton. 362-6891.



## Vienna Fest 1997

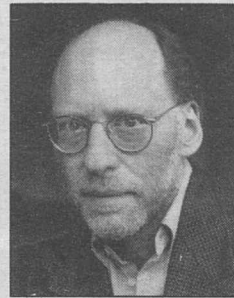
**"Biedermeier in Austria, 1815-1848."** Exhibit includes photographic reproductions of art from Austria's Biedermeier era. Through Feb. 21. Dept. of Music classroom bldg., located behind Tietjens Hall. Hours: 8:30 a.m. to 7 p.m. weekdays. For weekend hours, call 935-4841.

## Sociologist Todd Gitlin's lecture to close Multiculturalism Debate

Sociologist Todd Gitlin, Ph.D., will close the two-part Multiculturalism Debate at 11 a.m. Wednesday, Feb. 19, in Graham Chapel. Gitlin's lecture, which is free and open to the public, is part of the Assembly Series.

The Multiculturalism Debate — titled "Battleground or Meeting Ground?" — began Feb. 12 with a lecture by Ronald T. Takaki, Ph.D., professor of ethnic studies at the University of California at Berkeley.

Gitlin is a professor in the culture and communication, journalism and sociology departments at New York University. He has written seven books, including "The Sixties: Years of Hope, Days of Rage" and the novel "The Murder of Albert Einstein." His most recent work, "The Twilight of Common Dreams: Why America Is Wracked by Culture Wars," examines how the fundamental problems of inequality and racial



Todd Gitlin

discrimination often are overlooked by activists of identity politics who would rather fight against perceived symbols of insult.

Gitlin is a columnist for the New York Observer and also has written for The New York Times, the Los Angeles Times, the Washington Post and the Boston Globe. He is on the editorial board of Dissent and is a contributing editor for both Theory and Society and Critical Studies in Mass Communication.

He holds degrees from Harvard University, the University of Michigan in Ann Arbor, and Berkeley. He was the third president of Students for a Democratic Society (SDS) from 1963-64. From 1964-65, he was coordinator of the SDS' Peace Research and Education Project and helped organize the first national demonstration against the Vietnam War.

Gitlin served as a sociology professor and director of the mass communication program at Berkeley for 16 years before accepting his current post at New York University.

For more information about the lecture, call (314) 935-5285.

## Musician Wynton Marsalis to deliver keynote address in Cultural Celebration

Jazz and classical trumpet player Wynton Marsalis will deliver an Assembly Series lecture titled "Redemption Through Sacrifice: The Legacy of American Slavery" at 11 a.m. Feb. 21 in Graham Chapel. The lecture is the keynote address of the Cultural Celebration, a weeklong series of events organized by the Campus Y to highlight the cultures represented in the Washington University and St. Louis communities. Marsalis' lecture is free and open to the public, with limited seating.

Marsalis is the co-founder and artistic director of Jazz at Lincoln Center and is a dedicated music educator. He has released several albums, including "Marsalis Standard Time; Volumes 1-3," "The Majesty Of The Blues," "In This House, On This Morning" and "Portrait Of Wynton Marsalis," a collection of classical trumpet concertos by composers such as Antonio Vivaldi, Johann Pachelbel and Nikolay Andreyevich Rimsky-Korsakov. Marsalis himself is a composer, and his latest work, "Blood on the Fields," which is about American slavery, is written for vocals and big band.

In 1995, he created and hosted a video series for young audiences — "Marsalis on Music" — that helps them understand the fundamental elements of music and appreciate different musical genres.

Marsalis was born in New Orleans in 1961 and took up the trumpet at age 6 — encouraged by his father, Ellis Marsalis, a pianist, composer and teacher. His brothers, tenor and soprano saxophonist Branford and trombonist Delfeayo, also are successful musical performers.

The Cultural Celebration begins Sunday, Feb. 16, with the Black Anthology program titled "Black Comedy: Laughing to Keep From Crying." (See story below.)

Other Cultural Celebration events include:

- "Taste of the World" featuring free samples of cultural dishes from 4 to 7 p.m. Monday, Feb. 17, in The Gargoyle in Mallinckrodt Center;
- A faculty forum on "Cultural Conflict Resolution" at 7 p.m. Tuesday, Feb. 18, in the Women's Building Lounge;
- An "International Coffeehouse" featuring two bands from 8 to 11 p.m. Wednesday, Feb. 19, in The Gargoyle;
- The showing of the film "Cinema Paradiso" at 7 p.m. Thursday, Feb. 20, in Ike's Place in the Wohl Student Center; and
- A "Cultural Talent Show" at 8 p.m. Feb. 21 in The Gargoyle.

For more information about Marsalis' lecture, call (314) 935-5285. For more information about the Cultural Celebration, call (314) 935-5010.

## Black Anthology program features prose, music

To commemorate February as Black History Month, a program of prose and music titled "Black Comedy: Laughing to Keep From Crying" will be held at 7 p.m. Sunday, Feb. 16, in Edison Theatre.

This Black Anthology program is part of the weeklong Cultural Celebration. (See story above.) The program features performances by Washington University African-American students and works by poet Langston Hughes, comedian Jackie "Moms" Mabley, author Julius Lester and playwright George C. Wolfe.

Corey Jones, a junior majoring in drama in Arts and Sciences, is the program's director. Courtney Collier, a junior majoring in business management, is the coordinator.

Tickets are \$7 for the general public and \$5 for all students and University faculty and staff. Group rates are available.

For more information about tickets, call the Edison Theatre box office at (314) 935-6543. For more information about the program, call (314) 935-6679.

## Wind Ensemble to salute armed forces veterans

The Washington University Wind Ensemble will present "For Heroes Lost and Fallen II," a concert paying tribute to veterans, at 2:30 p.m. Sunday, Feb. 16, in The Saint Louis Art Museum Auditorium.

Under the direction of Dan Presgrave, lecturer in music in Arts and Sciences, the Wind Ensemble will perform works inspired by military themes. The second half of the concert will feature the Jazz Band of Scott Air Force Base, located near Belleville, Ill. The concert is free and open to the public.

Two years ago, the Wind Ensemble performed a concert with a similar

theme. Presgrave, a former trumpet player with Scott's Air Force Band of Mid America, said he would like to present similar concerts every other year. The concerts will help remind people of the sacrifices veterans have made for the country, Presgrave said.

The program includes the official march of the U.S. Marine Corps by John Philip Sousa; "For Heroes Lost and Fallen," a piece written by David Gillingham inspired by the Vietnam War Memorial; "Firestorm," a piece written by Stephen Bulla in commemoration of Desert Storm; and a medley salute to the U.S. armed forces.

For information, call (314) 935-5581.

## 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](http://www.sports-u.com). Click on "Colleges."

### Men's basketball falls two games out of first

Washington University, the two-time defending University Athletic Association (UAA) men's basketball champion, fell two games out of first place after losing 73-69 at the University of Rochester (N.Y.) on Friday, Feb. 7.

A three-pointer by senior J.J. Siepierski with 1 minute, 14 seconds to play gave the Bears a 69-68 lead, but WU was unable to score the rest of the game. The loss was the Bears' second to Rochester in as many weeks. Junior Brad Borgman led WU with a team-high 15 points, and Siepierski added 14.

After a visit to Fontbonne College on Monday, Feb. 10, the Bears play their final two home games this weekend. Both are UAA contests.

Current record: 14-5 (6-3 UAA)

This week: 8 p.m. Friday, Feb. 14, vs. Emory University (Atlanta), WU Field House; 12:30 p.m. Sunday, Feb. 16, vs. Carnegie Mellon University (Pittsburgh), WU Field House

### Women's basketball defeats Rochester

The women's basketball team produced one of the season's best all-around efforts in a 66-52 victory Friday, Feb. 7, at the University of Rochester.

Four players scored in double figures, helping the team shoot a season-best 61 percent from the field. Junior center Angie Kohnen paced the Bears with 12 points and was one of five players to shoot better than 60 percent.

The Bears shot 70 percent from the floor (14 of 20) in the first 20 minutes, while holding the Yellowjackets

to 17 percent shooting. Rochester failed to score during a 10-minute span in the first half, enabling WU to score 22 of the game's first 29 points.

After a visit to Fontbonne College on Monday, Feb. 10, the Bears play their final two home games this weekend. Both are UAA contests.

Current record: 15-4 (7-2 UAA)

This week: 6 p.m. Friday, Feb. 14, vs. Emory University, WU Field House; 2:30 p.m. Sunday, Feb. 16, vs. Carnegie Mellon University, WU Field House

### Tracksters log several season-bests at SIUC

The track and field teams spent most of last weekend's Southern Illinois University Invitational at Carbondale setting season-best times and distances in their strongest outing of the season.

A total of 21 athletes combined to set 40 season-best times or distances. Sophomore Emily Richard finished second in the 3,000 meters (10 minutes, 17.47 seconds), resetting the school record she broke during the first meet of the season.

Sophomore Claudine Rigaud ran 7.38 seconds in the 55-meter dash to earn a provisional ticket to the NCAA Division III championship meet. Rigaud appeared to qualify for the meet earlier this season, but that time was not documented correctly.

On the men's side, senior Aaron Boehm finished fourth in the shot put with a season-best 48-foot, 6.75-inch effort.

Junior Jeremy Dubow set team season-bests in the mile (4:23.17) and 3,000 meters (8:52.49). The Bears compete Saturday, Feb. 15, in Rock Island, Ill., at the Augustana College Invitational.





### Donors from around the world

Sherry Koenig, a registered nurse with the American Red Cross, prepares to take blood from freshman Tim Huff of West Virginia during a blood drive sponsored by the Sigma Alpha Epsilon fraternity. The drive, held Feb. 3-5 in Mallinckrodt Center, collected 180 units of blood. (A unit is a little more than a pint.) Area blood supplies have been running low since the end of December because of inclement weather. Also pictured are, from left, graduate students Eric Boulogne and Antoine Millous, both of France, and graduate student Tom Galambos of New York, who is receiving assistance from Sharon Washington, a donor-care specialist with the American Red Cross.

## Acoustic musicians Grisman, Bresler to heat up Edison

The winter ice will melt into a flow of notes when some of the hottest acoustic music this side of Kiev ignites Edison Theatre on Feb. 21, 22 and 23.

Mandolinist David Grisman and his quintet will burn down the house at 8 p.m. Feb. 21 in an eclectic performance that pushes the limits of acoustic string-band music. This performance is sold out.

At 8:30 p.m. Feb. 22 and at 2 p.m. Feb. 23, Grisman will be joined by fellow mandolinist and clarinetist Fishel Bresler in a performance of Jewish klezmer-influenced tunes from a collaborative album by Grisman and Andy Statman titled "Songs of Our Fathers." Bresler is filling in for Statman, who had to cancel because of illness.

All three performances are part of Edison's "OVATIONS!" series. The Feb. 22 and 23 collaborative performances, also titled "Songs of Our Fathers," are co-sponsored by the St. Louis Hillel Center.

Grisman and Bresler — a long-time apprentice and protégé of Statman — recently shared the stage in a California performance of "Songs of Our Fathers."

That concert received unqualified praise from critics, audiences and performers.

A native Californian, Grisman created acoustic string music known as "Dawg" — a blend of so many different stylistic influences (among them bluegrass, jazz, Gypsy and Latin) that he gave this new genre its own name. Since 1975, he has toured worldwide and has performed on more than 100 albums, including many of his own.

His talents have been called upon by stars such as Linda Ronstadt, Dolly Parton, James Taylor and the late Jerry Garcia. But Grisman has made an even greater mark in the musical world with his own work, forging new directions and pushing the boundaries of acoustic string-band music. Grisman performs with Matt Eakle on flute, Jim Kerwin on bass, Enrique Coria on guitar and Joe Craven on violin, mandolin and percussion.

In 1990, Grisman founded the independent record label Acoustic Disc. He recently teamed up with Statman to record "Songs of Our Fathers," Grisman's 15th release under the Acoustic Disc label.

Recorded in less than a week in 1992, the album is the third major collaboration between Grisman and Statman. The album

weaves a rich musical tapestry, ranging from country-western and bluegrass to ragtime-flavored marches and Eastern European klezmer music.

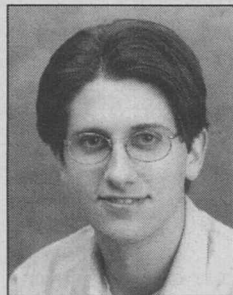
"I wanted to do another record with Andy," Grisman said. "Then I got this idea to do something Jewish. He is a master of Jewish music, and — although I would not presume to perform it alone — this is my tradition, too. So I invited Andy to California, and five sleepless days and nights later, we had an album."

Bresler has been an apprentice of Statman for more than 10 years. He graduated in 1972 from Bard College in Annandale-on-Hudson, N.Y., with a bachelor's degree in classical flute. He went on to take advanced studies in music education, theater and jazz improvisation.

Tickets are \$23 for the general public; \$18 for senior citizens and Washington University faculty and staff; and \$12 for University students. For tickets, call the Edison Theatre box office, (314) 935-6543, or MetroTix outlets, (314) 534-1111.

## Students essential to WUTV's success — from page 1

WUTV's initial goal is to build an awareness among students of its presence, Lewis said. Eventually, he would like to see the station grow into its own studio space and have a strong support staff. "We want to incorporate as many students as we can," Lewis said.



Steve Lewis

To find the support staff to operate the station, WUTV staffed a booth at the recent Student Activities Fair. The booth attracted the interest of about 30 people. The goal now, Pogach said, is to train them to run all aspects of the station — both behind the scenes and on the air.

Recently, a number of students demonstrated their on-air charisma in a series of screen tests. One of the students, sophomore Deborah Winikoff, said she became interested in television after working as an intern last summer for the FOX network. "I thought it would be fun to do this here," she said.

Winikoff rehearsed the news script she used for the test and then sat down in front of the camera. The lights clicked

on, and — with a smile — she began to read the news. After two takes and a few garbled words, she stepped out of the bright lights. "I was nervous," she said.

Pogach, who plans to pursue a career in TV journalism, said it takes a while for people to feel comfortable in front of a camera. He said WUTV is looking for people who come off well on camera.

"We want someone who talks to you like a good friend, someone you can trust," Pogach said.

Freshman Justin Forer, who is in charge of producing the news, knows the TV business and knows what works. He started a station at his high school in Miami, Fla., and has worked as an intern for NBC. He said WUTV can provide news and information that is tailor-made for the intelligent 18-to-25-year-old market. "You just don't get this from the networks," Forer said. "There is a need for this."

The current schedule of programs — an eclectic mix of past campus variety shows, student films, skits and lectures — already meets the needs of insomniacs, Forer said.

"It's developed an almost cult-like following," he said. "What else can you watch at 3 in the morning?"

— Neal Learner

## Michael Hofmann to read from works

Poet and translator Michael Hofmann will read from his works at 8 p.m. Tuesday, Feb. 18, at the West Campus Conference Center. The event is part of a reading series presented by the International Writers Center in Arts and Sciences.

Hofmann's books of poetry include "Corona, Corona" (1993), "K.S. in Lakeland" (1990), "Acrimony" (1986) and "Nights in the Iron Hotel" (1983). He is the recipient of a Cholmondeley Award and the Geoffrey Faber Memorial Prize. In his citation awarding Hofmann a Times Literary Supplement Prudence Farmer Poetry Prize for one of the best poems of 1988, Christopher Reid noted: "Hofmann takes large risks. ... The very possibility of choice is thrown into doubt. This is a work of considerable accomplishment and profundity." Joseph Brodsky described Hofmann's poetry as "a high-resolution vision of modern reality rendered in the monochrome of consciousness."

Hofmann has translated works by Franz Kafka, Patrick Suskind, Joseph Roth, Beat Sterchi and Wim Wenders. His translation of "The Film Explainer," written by his father, Gert Hofmann, has just been published in the United States. He also served as co-editor of "After Ovid" (1995), a collection of new translations by contemporary American and English poets.

Hofmann was born in 1957 in Freiburg, West Germany, and moved to England at age 4. He studied English at Cambridge University and then returned to do postgraduate research there — on Rilke and then on Robert Lowell. Hofmann lives in London and teaches part of the year at the University of Florida in Gainesville.

Carl Phillips, associate professor of English and of African and Afro-American studies and director of the Creative Writing Program in Arts and Sciences, will introduce Hofmann. A book signing will follow the reading. Admission to the reading is \$5. Students with valid identifications and senior citizens are admitted free. Arts and Education Council cardholders receive a two-for-one discount.

This is the third reading of the fourth season of the International Writers Center Reading Series. The series is underwritten by the Arts and Education Council of Greater St. Louis, the Lannan Foundation, the Missouri Arts Council, the Regional Arts Commission and Mary and Max Wisgerhof.

For more information, call (314) 935-5576.

## Campus Watch

The following incidents were reported to the University Police Department from Feb. 3-9. 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.

### Feb. 4

2:25 p.m. — A student reported that a VCR was stolen from the Women's Building.

### Feb. 5

9:19 a.m. — Two electric pencil sharpeners were reported stolen from Eads Hall.

6:47 p.m. — A student reported that a man exposed himself outside the window of a ground-level apartment at Millbrook Square apartments. The man is described as white, age 35 to 40, 5-foot-8-inches in height, with a medium build.

7:05 p.m. — A group of students reported that a man standing outside Hitzeman Residence Hall was making obscene gestures. The man is described as white, age 35 to 40, and balding with some brown hair.

### Feb. 6

4:49 p.m. — A student reported that a laptop computer was stolen from the new Department of Psychology building.

11:20 p.m. — A student reported that a compact-disc player and headphones were stolen from Givens Hall.

11:55 p.m. — A student reported that a backpack containing two calculators, a hand-held computer, a pencil box and a textbook was stolen from Olin Library.

### Feb. 7

3:42 a.m. — A student reported that a front tire was slashed on a vehicle parked near the fraternity houses.

### Feb. 9

1:13 a.m. — An officer on patrol discovered that a glass door on the north side of the Wohl Student Center was shattered.

5:45 p.m. — A Marriott Management Services Corp. employee struck a student's car in a South 40 parking lot, causing minor damage to the student's car.

University Police also received one report of a harassing telephone call and one report of a stolen wallet.

### Crime alert

The University Police Department has issued a crime alert regarding reports between Feb. 1 and 5 of a suspicious man approaching women in the East Asian Library in January Hall and inviting them to have coffee. In several cases, the man followed the women to Olin Library. The man is described as white, in his 30s, thin build, blond-brown hair and wearing glasses. The man has been contacted by University Police and has been warned against trespassing.



# For The Record

*For The Record contains news about a wide variety of faculty, staff and student scholarly and professional activities.*

## Of note

**Laura J. Bierut, M.D.**, instructor in psychiatry, received a \$681,674 five-year grant from the National Institute on Alcohol Abuse and Alcoholism for a project titled "Genetics of Alcoholism and Depression." ...

**Brian K. Dieckgraefe, M.D., Ph.D.**, instructor in medicine in the Division of Gastroenterology, received a \$40,000 one-year grant from the Glaxo-Wellcome Institute for Digestive Health (GIDH) to pursue work in basic medical research. Dieckgraefe is one of 25 researchers to receive one-year grants from the GIDH Research Awards program, which began in 1992 as a means of providing young scientists and educators with support for research to better understand, diagnose and treat digestive diseases. ...

**M. Wayne Flye, M.D., Ph.D.**, professor

of surgery and of molecular microbiology, received an \$800,000 four-year grant from the National Institutes of Health and the National Institute of Diabetes and Digestive and Kidney Diseases for a project titled "Modification of the Immune Response by the Liver." This work will continue to explore the liver's role in the immune response. ...

**Tzyh-Jong Tarn, D.Sc.**, professor of systems science and mathematics, has been honored with Distinguished Member status by the Control Systems Society of the Institute of Electrical and Electronic Engineers (IEEE). Tarn, who directs the University's Center for Robotics and Automation, received the honor — one of the highest career awards bestowed upon IEEE members — last December.

## On assignment

**Harold Blumenfeld**, professor emeritus of music in Arts and Sciences, recently presented the world premieres of two of his recent compositions. The first, "Voci

Luminose" for two violins and orchestra, received its premiere performance Nov. 8 by the Umeå Symfoni Orkester in Sweden. The second, "A l'Ouest de la lune" for soprano and tenor with flute, clarinet, viola and cello, received its premiere Nov. 15 at the Patricia Corbett Theater in Cincinnati. In addition, Blumenfeld and "Voci Luminose" were featured on a nationwide TV program in Sweden. ...

**Terri L. Griffith, Ph.D.**, assistant professor of organizational behavior in the John M. Olin School of Business, recently was appointed chair of the Organization Science Winter Conference. She also was named a senior editor of the journal *Organization Science*. ...

**Stephen H. Legomsky, J.D., D.Phil.**, the Charles F. Nagel Professor of International and Comparative Law, was appointed as a visiting scholar at the University of Sydney in Australia from January to July of this year. He also was the keynote speaker at a national conference on migration policy, held Saturday, Feb. 8, in Darwin, Australia. ...

**Robert E. Thach, Ph.D.**, dean of the Graduate School of Arts and Sciences, has been elected to a three-year term on the Council of Graduate Schools' (CGS) board of directors. The CGS is an organization of higher-education institutions in North America that are engaged in graduate education, research, scholarship and the preparation of candidates for advanced degrees. The CGS acts as a convening authority, bringing graduate deans together in task forces, committees, workshops, seminars and annual meetings to discuss and take action on major issues in graduate education.

## Guidelines for submitting copy:

Send your full name, complete title(s), department(s), phone number and highest-earned degree(s), along with a typed description of your noteworthy activity, to *For The Record*, c/o David Moessner, Campus Box 1070, or p72245md@wuvmd.wustl.edu. Items must not exceed 75 words. For information, call Moessner at (314) 935-5293.

## Neighboring communities favor 'north-of-the-park route,' survey finds — from page 1

before Pershing Avenue, where the route would enter a tunnel under Forest Park Parkway. The route would continue into Clayton's Government Center and Central Business District and then connect to a proposed new MetroLink line running north-south along I-170.

Sverdrup has proposed stops along this route at Skinker and at Big Bend. The University will provide right of way on its property for the rail to run along the northern edge of the Hilltop Campus under the following conditions:

- MetroLink must run below grade on the campus and at major intersections so that easy automobile and pedestrian access to and from Forest Park Parkway can be maintained.

- MetroLink must not adversely affect the appearance of the campus and the surrounding neighborhoods. The University will work to improve the appearance of the northern boundary of the campus as MetroLink is being designed and constructed. Improvements will include beautification efforts, such as landscaping.

- MetroLink operation must not detract from University activities and the day-to-day life of the surrounding communities.

- Any MetroLink stop at the Hilltop Campus will be designated as a "walk-on" station and not a "park-and-ride" station.

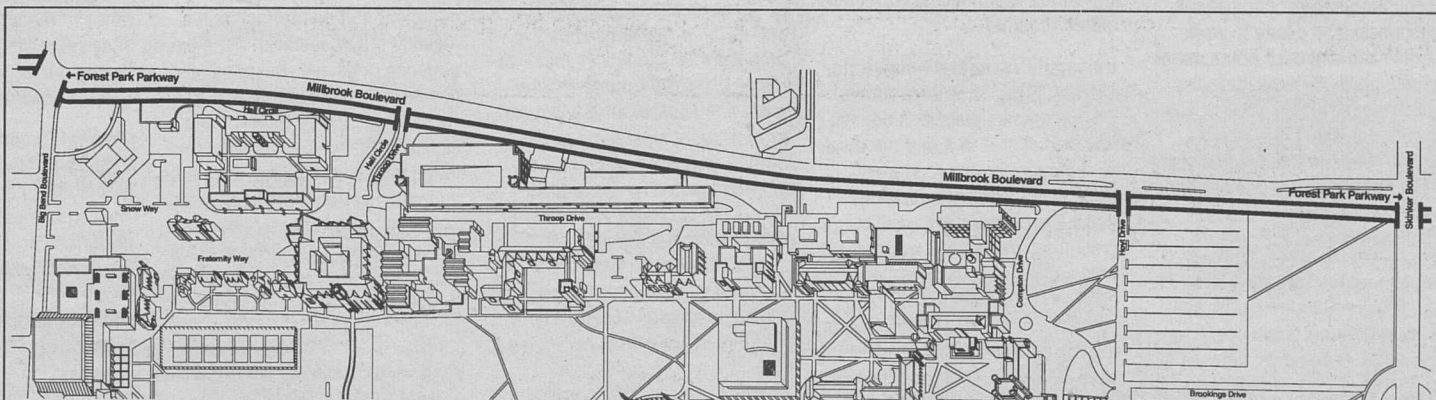
A public-opinion survey of residents in University City, Clayton and the Central West End found that 88 percent of respondents favor the "north-of-the-park route." The poll was conducted by Attitude Research Co. (ARC) of St. Louis in late November and early December of 1996 at the request of Neighbors for MetroLink, a group advocating the "north-of-the-park route."

Concern over the proposed expansion has been voiced by some area residents who are worried about property values, construction costs, noise and the loss of private property.

M. Fredric Volkmann, the University's vice chancellor for public affairs, said the University shares its neighbors' interest in protecting the integrity of the area. "Strong and stable neighborhoods are vital to the community and to the University. They must be preserved and supported," Volkmann said. "As go the neighborhoods, so goes the University."

A recent review conducted for Neighbors for MetroLink by ARC of studies of rail expansion in other cities showed that homes located near rail stations increase or remain stable in value.

"The impact on property values is positive," said Donna Day, a spokesperson for the East-West Gateway Coordinating Council. Day said she had discovered no studies that showed a decrease in property values as a result of light-rail expansion.



This map of the northern edge of the Hilltop Campus shows the portion of a proposed MetroLink route that would run along the south side of Millbrook Boulevard in a right of way provided by Washington University. Vehicular traffic on Skinker Boulevard, Hoyt Drive, Throop Drive and Big Bend Boulevard would remain unchanged.

## PROPOSED METROLINK EXPANSION ROUTES

Here is a brief look at the four proposed MetroLink expansion routes in the east subcorridor:

**1.** The proposed route known as the "north-of-the-park route" starts at the Forest Park MetroLink stop at DeBaliviere Avenue and runs west along Forest Park Parkway/Millbrook Boulevard to Clayton's Central Business District. Estimated cost: \$170 million to \$234 million. Washington University favors this route.

**2.** The proposed route known as the "Highway 40 route" starts at the Euclid Avenue MetroLink stop near the School of Medicine, runs south to Oakland Avenue and then west along Highway 40/Interstate 64 to a point near the Saint Louis Galleria, with a spur into Clayton. Estimated cost: \$351 million to \$407 million and the loss of 15 homes and businesses.

**3.** The proposed route known as the "through-the-park route" starts at the

Euclid Avenue MetroLink stop and runs along the south edge of Forest Park before entering a tunnel running diagonally under the park from southeast to northwest, coming out at the intersection of Skinker Boulevard and Forest Park Parkway/Millbrook Boulevard. The route continues west into Clayton's Central Business District. Estimated cost: \$364 million to \$412 million.

**4.** The proposed route known as "the Skinker route" starts at the Euclid Avenue MetroLink station and continues west along the south edge of Forest Park before turning north up Skinker Boulevard. At the Forest Park Parkway/Millbrook Boulevard intersection, the route turns west and heads into Clayton's Central Business District. Estimated cost: \$364 million to \$412 million.

The Coordinating Council analyzed a 1996 impact study by the National Research Council and found that light-rail transit also increases the value of commercial real estate.

Such findings do not surprise Tom Shrout. "It's because it improves a person's options and access in transit," said Shrout, executive director of Citizens for Modern Transit, a rail advocacy group.

Shrout also is a member of the Cross-County Corridor MTIA Study Management Group, which will make recommendations on expansion proposals to the East-West Gateway Coordinating Council's board. The board, made up of regional city and county elected officials, is expected to decide on MetroLink expansion this spring.

The "north-of-the-park route" is the least expensive and the shortest of the four proposed routes in the east subcorridor. Its estimated cost is between \$170 million and \$234 million. At its

most expensive, this route would cost \$100 million less than the lowest estimate for any of the other three proposed alignments serving the same destinations.

As part of the MTIA, engineers at Sverdrup studied the effect MetroLink would have on noise levels. Using a worst-case scenario — a ground-level train running at peak travel hours with no sound barrier — the noise level measured in back yards next to the proposed route increased by less than two decibels, said Joe Leindecker, deputy director of the MTIA study. At any distance, it takes an increase of at least three decibels for a person to perceive a change in noise, Leindecker said. For portions of the University-advocated route, the train would travel in an open cut — a much quieter mode than ground-level travel.

In addition, public officials anticipate that MetroLink expansion would reduce existing traffic noise on congested

## Where the street has two names

Like so many streets in St. Louis, the road running along the northern edge of Washington University's Hilltop Campus changes names in the span of an intersection.

Forest Park Parkway becomes Millbrook Boulevard west of Skinker Boulevard. Forest Park Parkway is so named for the obvious reason that it runs along the north border of Forest Park. Millbrook Boulevard got its name for a not-so-obvious reason.

"Millbrook" was created by combining two people's names: Robert S. Brookings, president of the University's board from 1895 to 1928, and David L. Millar, University City mayor from 1933-37. The street officially was dedicated "Millbrook Boulevard" in March 1941.

streets, such as Millbrook Boulevard. The latest traffic count by the St. Louis County Highway Department shows that 26,500 cars travel along Millbrook on an average weekday.

According to Sverdrup's MTIA study, the "north-of-the-park route" would not take any homes. One of the alternate routes — the route following Highway 40/Interstate 64 west to a point near the Saint Louis Galleria — would require the destruction of at least 15 homes and businesses.

Along its existing route, MetroLink has been a nationally acclaimed success. Moving into its fourth year of operation, the system already has exceeded ridership expectations with an average daily ridership of more than 40,000. It is a faster mode of rail transit than typical light-rail operations and was described as "the best in the country" by former U.S. Secretary of Transportation Federico Pena.

— Martha Everett



# 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.

### MBA Records Coordinator

**970159. School of Business.** Requirements: high school graduate; detail-oriented; ability to work independently with minimal supervision; willingness to work occasional overtime or weekends; interpersonal and communication skills; ability to maintain the security of confidential information; university work experience desirable. Application required.

### Programmer Trainee 970160.

**Computing and Communications.** Requirements: high school graduate; preference given to applicants who are continuing their education; aptitude for computer programming; technical awareness; accounting background helpful; willingness and desire to work flexible and extended hours as required; ability to think logically; good organizational skills; ability to communicate orally and in writing. Department will hire six trainees to fill future positions within Information Systems. Application required.

### Departmental Secretary 970171.

**Major Gifts.** Requirements: specialized training; three years general office experience; knowledge of Windows 3.11, Novell Netware 3.12, WordPerfect, Excel, Lotus Notes 3.33 and Netscape Navigator 3.0; ability to work well in an office environment and relate easily to others; willingness to learn the role of the Development Office and the mission of the University; teamwork; willingness to assist others as needed. Application required.

### Administrative Assistant 970172.

**Alumni and Development.** Requirements: certificate or associate's degree; highly motivated; expert administrative skills; experience with PCs and office systems management; five years general office experience, including the use of Microsoft Word, Excel, Lotus Notes, Filemaker Pro and PageMaker; excellent oral and

written communication skills; ability to work effectively and pleasantly with Alumni and Development staff members, Alumni and Parents Admissions Program volunteers, and outside vendors; time-management skills; ability to handle multiple projects simultaneously in an environment in which priorities change often and unexpectedly; organizational skills; ability to complete time-sensitive tasks accurately and quickly; willingness to work overtime and weekends when necessary. Application required.

### Department Secretary 970173.

**Alumni and Development.** Requirements: associate's degree or equivalent preferred; motivation; specialized secretarial and business training; three years general office experience, including the use of Microsoft Word, Excel, Filemaker Pro and PageMaker; excellent communication skills; ability to work well with and relate easily to people; ability to deal with multiple priorities with minimal supervision; maturity; good grooming; pleasant personality; willingness to work overtime and weekends when necessary. Application required.

### University Judicial Administrator

**970177. Dean of Student Affairs.** Requirements: bachelor's degree; master's degree in a relevant discipline preferred; demonstrated skills in working with decision-making processes and conflict resolution; experience working with student-discipline systems; ability to exercise judgment and discretion in dealing with students, faculty, staff, parents and attorneys; ability to communicate and interact with students and to create an atmosphere in which they feel free to ask questions and obtain assistance; willingness to take initiative and solve problems; excellent administrative and organizational skills; flexibility; tolerance; patience. Application required.

### Accounts Payable Services Representative Trainee 970178.

**Accounts Payable.** Requirements: high school graduate with three semester hours of accounting or business-related course work in high school or one year in accounting; college courses in business-accounting preferred; working knowledge of routine office equipment, including PCs, calculators and typewriters; strong com-

munication, organizational, verbal and alpha-numeric skills; word processing, spreadsheet and database experience highly desirable; customer-oriented; ability to participate as a member on various teams and projects to achieve the goals of Accounting Services. Application required.

### Research Assistant 970179.

**Department of Chemistry.** Requirements: bachelor's degree; experience with bacterial and mammalian cell cultures; understanding of basic molecular biological techniques, such as a DNA sequencing, mutagenesis, PCR, southern blotting, protein isolation and purification. Application required.

## Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees interested in submitting a transfer request should contact the Human Resources Department of the medical school at (314) 362-7202 to request an application. External candidates may call (314) 362-7195 for information regarding application procedures or may submit a résumé 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 departments other than human resources. Job openings also may be accessed via the World Wide Web at <http://@medicine.wustl.edu/wumshr>.

### Coder II 960963-R. Internal

**Medicine.** Requirements: accredited records technician preferred; experience with medical terminology and medical records; experience with ICD 9 and CPT coding. Responsibilities include reviewing documentation in medical records to determine the appropriate billing codes to be assigned and assisting in ensuring that the necessary documentation is obtained and charges are captured for billing on a timely basis.

### Technician: Sr. Med/Clin/Res

**970364-R. Ophthalmology.** Requirement: bachelor's degree.

Responsibilities include providing research and technical support for a project focused on the molecular and cellular basis of inherited cataract and actively participating in all aspects of lab investigation using advanced techniques of molecular cell biology.

### Technician 970458-R. Department of Biochemistry and Molecular Biophysics.

Requirements: experience with a balance, centrifuge, pH meter and solution/media preparation; molecular biology experience, including experience with bacter techniques, cell culture, DNA sequencing, recombinant DNA, radioisotopes, autoradiography, sterile techniques, etc., is preferred. Responsibilities include performing analysis on biological materials with lab equipment; performing procedures on recombinant DNA molecules; maintaining records; assisting with data interpretation; preparing solutions; and conducting media experiments maintaining chemical hygiene.

### Medical Assistant 970510-R.

**Otolaryngology.** Requirements: registered medical assistant; completion of an internship in a medical office; medical-office experience preferred. Responsibilities include providing support services to the allergy division and assisting the allergy coordinator in the delivery of allergy injections and patient educational services. Schedule: part-time, two days a week, Tuesdays and Wednesdays. Position located at Barnes-Jewish Hospital's main campus and west St. Louis County office.

### Programmer Analyst II 970536-R.

**General Internal Medicine.** Requirements: bachelor's degree in computer science; master's degree strongly preferred; advanced knowledge of and three years experience with Macintosh/Windows, JAVA/HTML programming and World Wide Web site construction. Responsibilities include analyzing problems; proposing software system solutions; and designing, developing and maintaining software applications and reusable software components.

### EEG Technician Trainee 970546-R.

**Neurology.** Requirements: high school graduate or equivalent; college course work in psychology and/or neurophysiology preferred; some experience preferred. Responsibilities include continuous video and digital EEG monitoring of patients with epilepsy. Training on how to perform and monitor EEGs will be provided.

### Payroll Assistant II 970566-R.

**Otolaryngology.** Requirements: associate's degree and/or two years experience in bookkeeping and accounting; experience with on-line payroll processing; knowledge of grants accounting pre-

ferred. Responsibilities include overseeing the department's payroll; reviewing all payroll documents; preparing quarterly overtime reports and payroll cost transfers; and maintaining the on-line asset system and grants list.

### Computer System Manager

**970571-R. Department of Molecular Microbiology.** Requirements: bachelor's degree in computer science, electrical engineering or related field or comparable experience; skills in providing technical and non-technical user support; experience with UNIX, Macintosh and Windows; network and programming experience desirable. Responsibilities include performing the setup, maintenance, design and upgrades of computing and networking hardware/software.

### Patient Billing/Services Representative 970581-R. Neurosurgery.

Requirements: enthusiastic; knowledge of health insurance and managed-care plans; previous experience in physician billing. Responsibilities include obtaining insurance information; assisting patients with the explanation and the updating of insurance and billing forms; and overseeing outpatient office registration for patients.

### Medical Records Analyst

**970603-R. Neurology.** Requirements: ART certification; experience with physician office coding preferred. Responsibilities include coordinating chart auditing to ensure proper documentation and coding; correcting coding errors for accurate claim submission; providing backup coverage for registration and charge entry; and researching HIM issues.

### Access Control Coordinator

**970608-R. Protective Services.** Requirements: high school graduate or equivalent with two years of college; knowledge of security industry; working knowledge of computerized reporting; three to five years office experience preferred. Responsibilities include the management of the Medical School/Hilltop/West Campus access-control system and the setup and administration of policy and procedures to ensure that routine and specialized access is granted only to approved personnel.

### Statistical Data Analyst

**970612-R. Department of Psychiatry.** Requirements: master's degree; doctorate in mathematics, biostatistics or statistics preferred; two to three years research experience preferred; fluent in SAS, dBase or other relational systems. Responsibilities include statistical computing; designing/coding and managing a large-scale biomedical database; and programming and analyzing

data using survival analytic and multivariate techniques.

### HMO/PPD Representative

**970613-R. Department of Psychiatry.** Requirements: bachelor's degree in a social science; experience with DSM III or DSM IV helpful; DIS certification preferred. Responsibilities include the intake and referral of patients to the most appropriate psychiatric office provided within the Partners HMO network.

### Trainer/Computer Information and Retrieval Systems 970627-R.

**Department of Pediatrics.** Requirements: associate's degree in information systems or related field; familiarity with Microsoft and Macintosh packages; knowledge of HTML preferred. Responsibilities include providing general computer systems support and training; providing telephone support to users; resolving user problems or issues or directing them to the appropriate resources; providing on-site hardware and software support; and creating and maintaining World Wide Web sites.

### Statistical Data Analyst 970631-R.

**Department of Psychiatry.** Requirements: bachelor's degree; statistical experience in a research environment preferred. Responsibilities include writing statistical programs; overseeing the management of the computer system for the research staff; and maintaining the tracking program for study subjects.

### Computer Programmer II

**970640-R. Institute for Biomedical Computing.** Requirements: bachelor's degree in computer science; master's degree highly advantageous; programming experience with C, C++, PERL, JAVA, HTML and UNIX. Responsibilities include developing scientific software.

### System Manager 970644-R. Facilities.

Requirements: bachelor's degree or equivalent in business or computer science with three to five years experience in information-system management; understanding of facility-management operations beneficial. Responsibilities include managing a Novell Network network that consists of multiple file servers and more than 100 users and overseeing software training and database administration.

### Administrative Coordinator

**970678-R. Department of Cell Biology and Physiology.** Requirements: college degree or equivalent; experience in financial management and payroll desirable; excellent spreadsheet skills. Responsibilities include processing department's payroll; serving as benefits coordinator and advocate for department employees; preparing grant applications; and assisting the administrator in the administration of grant awards.

## Q&A

### Addressing employee questions concerning the Washington University community

**Q:** Recently, I've seen kids or students playing games (such as hockey) around cars in parking lots. What are the University regulations regarding such activities?

**A:** It is likely that the individuals you have seen playing hockey were members of the Washington University Roller Hockey Club if you saw them in the Millbrook Boulevard parking garage. This is an organization that is registered with the Dean of Student Affairs and plays hockey in the garage once or twice a week during the evening. They try to stay away from vehicles, and there have been no reports of damage caused by this organization.

If you have seen this activity in other locations, University Police should be called at (314) 935-5555 to determine if the activity is sanctioned by the Office of the Dean of Student Affairs.

In-line skates, skateboards and bicycles have become popular forms of environmentally friendly transportation and recreation. Some uses of these devices can be injurious to persons and/or destructive to property. In order to provide for appropriate uses and reduce the likelihood of injuries or damage to University facilities and personal property, the University currently is studying the need and content for a policy on skateboards, skates and bicycles on campus. Should a policy be adopted by the University, it will be published in the Record and other media on campus and included in future issues of Bearings.

— William F. Taylor, director of Washington University Police

Questions that have broad appeal to the University community should be submitted to Michael Slatin, Campus Box 1070, or [p72245ms@wummd.wustl.edu](mailto:p72245ms@wummd.wustl.edu). Questions will be answered by the appropriate administrators. Though employee questions will appear anonymously in the Record, please submit your full name, department and telephone number with your typed question. For information, call (314) 935-6603.

## Comments sought on proposed policy regarding computer use at University

A working group of the Faculty Senate would like to hear comments on a proposed computer-use policy for Washington University. Through March 10, faculty, staff and students are invited to read the proposed policy and offer feedback. The proposed policy is available via the World Wide Web or by mail, fax and e-mail.

Because new technology places conduct codes in a new context, the working group was formed last summer to develop a policy that provides guidelines for the appropriate use of computer facilities and services at the University. Some of the areas covered by the proposed policy include privacy, individual rights, freedom of expression, intellectual property protection and legal limitations.

To view the proposed policy on the World Wide Web, go to <http://library.wustl.edu/policy>. This site also

includes instructions for contributing comments on line, the text of the initial charge to the working group, and a list of working group members.

To request a hard copy of the proposed policy, send an e-mail message to [policy@library.wustl.edu](mailto:policy@library.wustl.edu) and indicate whether the proposed policy should be sent by mail, fax or e-mail.

Comments about the proposed policy may be e-mailed to the working group at [comment@library.wustl.edu](mailto:comment@library.wustl.edu). Comments also may be mailed to Mark Frisse, working group chair, Washington University School of Medicine, Campus Box 8132.

A public usenet group has been created for comments and discussion on the proposed policy at [wu.policy.computer.use](http://wu.policy.computer.use).

The final version of the approved policy will be published in the Record in the future.