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Record

April 20, 2001

Volume 25 No. 27



Washington University in St. Louis

Kurt H. Hohenemser Aviation pioneer dies at 95

By TONY FITZPATRICK

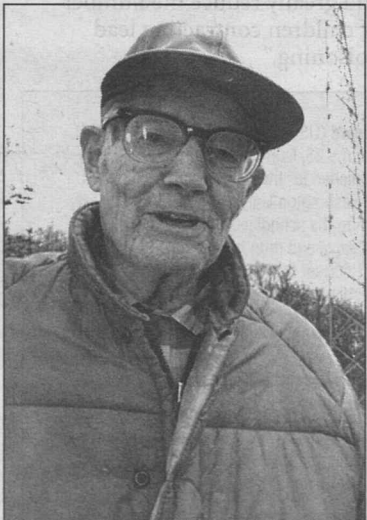
Kurt H. Hohenemser, Dr. Ing., professor emeritus of aerospace engineering, contributor to the invention of the helicopter, environmental engineer and one of the University's most distinguished engineers died April 7, 2001, at age 95 in his St. Louis home.

"Kurt Hohenemser's impact on aerospace was immense, as was his impact on the people he taught and worked with," said David A. Peters, Ph.D., McDonnell Douglas Professor of Engineering and chair of mechanical engineering. "When he came to Washington University in 1966, we changed the department's name to 'mechanical engineering and aerospace.' He was aerospace. When he retired in 1975, it went back to 'mechanical engineering.' He could have taught any course we offered here."

Born in Germany in 1906, Hohenemser earned a doctorate from the Institute of Technology in Darmstadt in 1929. From 1930-34, he taught and conducted research at the University of Göttingen and studied under Ludwig Prandtl, one of the most famous aerodynamics physicists of the 20th century.

Hohenemser was relieved of his duties at the institute on the eve of Hitler's rise to power because a Nazi at the university considered him critical of Hitler and reported him and some colleagues to the Nazi party. In 1935, he began designing and testing helicopters with the Flettner Aircraft Co. in Berlin, when the famous German inventor Anton Flettner was exploring the concept. Their only competition came from another famous German helicopter developer, H. Focke.

In 1938, the first practical
See **Hohenemser**, Page 6



Kurt H. Hohenemser, Dr. Ing., professor emeritus of aerospace engineering, once wrote, "I don't want to go to heaven before I have not understood completely what makes the universe tick."



Like father, like son In keeping with the "Nurturing Our Families" theme, Tyler Lasley of the Eagle Feather Drum group performs while holding his 1-year-old son at the 11th annual Pow Wow, held in the Field House Saturday. The culmination of American Indian Awareness Week, the Pow Wow was co-sponsored by the Kathryn M. Buder Center for American Indian Studies at the George Warren Brown School of Social Work. Nearly 100 dancers representing tribes from throughout the Midwest competed at the Pow Wow, which drew nearly 2,000 attendees. Lasley, a member of the Mesquawki tribe in Iowa, won third place in the men's Fancy Dance.

Lead-poisoning fight championed by law's interdisciplinary clinic

By ANN NICHOLSON

Three students in the School of Law's Interdisciplinary Environmental Clinic (IEC) have taken their legal and environmental expertise to the state capitol to support bills that would require Missouri children to be tested for lead poisoning statewide.

IEC students drafted the legislation for the nonprofit St. Louis Lead Prevention Coalition. Missouri Rep. Russ Carnahan (D-59th District) and Sen. Patrick Dougherty (D-67th District) are sponsoring the bills.

Last week, second-year law students Tiffany Meddaugh and Shannon Whelan testified before the House Committee on Children, Families and Health regarding the legislation. Earlier this month, Meddaugh and Whelan testified before the Senate Committee on Housing and Insurance, which later recom-

mended the bills be sent to the full Senate for approval. Together with Heather Brouillet, a senior majoring in environmental studies in Arts & Sciences, Meddaugh and Whelan presented their arguments to the governor's Ad Hoc Advisory Committee on Lead Poisoning.

"We learned from our work in the community that children throughout St. Louis are basically being used as 'lead detectors,'" Meddaugh said. "It is not until they find out a child has been poisoned that steps are taken to remedy the situation, but at that point there already has been irreversible damage to the child."

"Hopefully, this new legislation and our educational efforts will reverse this trend, and as a result, stop the poisoning of so many children."

The students hope the clinic's interdisciplinary approach — melding scientific and legal

See **Lead**, Page 2

Thurtene Carnival integral to spring

By NEIL SCHOENHERR

It's that time of year again. Spring is in the air. The mercury in the thermometer is starting to rise. That can only mean one thing. Cardinals baseball? Well, maybe. But at the University, all the signs of spring point in one direction — the annual Thurtene Carnival.

The event, first conceptualized in 1904, is one of the University's longest-running traditions. It's the nation's oldest and largest student-run carnival.

Nearly a century later, Thurtene Carnival still bears a resemblance to its ancestor, however, the big top has been replaced by sturdily constructed facades, and the crowd at the now two-day event has swelled to more than 100,000.

Admission into this year's edition, Saturday and Sunday from 11 a.m.-8 p.m. on the North Brookings parking lot, is free but tickets must be purchased for rides and plays. An anticipated 120,000 people will share the spirit of Thurtene this year and help the carnival achieve its

charitable goal.

Proceeds will benefit this year's Thurtene charity, Make a Difference Center of St. Louis, which seeks to enhance and enrich the lives of economically disadvantaged children through a combination of academic, recreational and social support services.

Eight themed facades,

designed and constructed by students, will house student-performed plays. Other Thurtene traditions include 14 major carnival rides, 16 game booths and 15 booths

serving an array of tasteful treats and ethnic edibles. A 15-minute fireworks show will be at 8 p.m. Saturday.

The carnival is presented by Thurtene Honorary members, 13 juniors responsible for organizing the annual event. Members are chosen on the basis of outstanding leadership, character and participation in campus activities.

"Working on the carnival has really been an amazing experience," said Sarah Johnson, member of the honorary. "We're are lucky to have 13 very talented

See **Thurtene**, Page 6

"We encourage everyone to join us at the carnival. It's going to be a lot of fun."

SARAH JOHNSON

Calling all families

Tyson Trails Day offers nature, history

By TONY FITZPATRICK

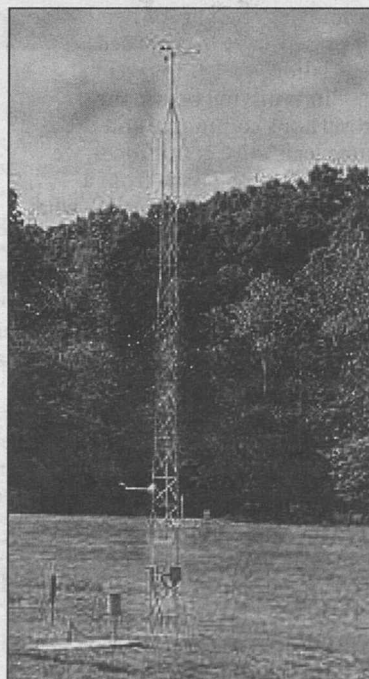
With spring in full force, researchers, area naturalists and historians at the University's Tyson Research Center are offering the St. Louis region their expertise in a variety of nature and historical topics and field trips at Tyson Trails Day, 10 a.m.-3 p.m. April 28.

There will be nature trails and history trails to explore at the 2,000-acre biological field station about 20 miles west of St. Louis. Nature trails include tours of Mincke Quarry Cave, ecology of Tyson ponds, a mushroom foray, a snake walk, a butterfly walk, a bird-watching hike and crafts for children.

History trails include a visit to the Mincke Hollow Mining town, a Native American tepee encampment, history of Route 66, a nature art and photo show of works created at Tyson, storytellers and more.

This family event is open to the public. Admission, which includes all activities, is \$8 per car, \$15 for a full shuttle van, and \$5 for a car with one person. Shuttle vans will take participants to remote activities or hikes. Food and drinks will be for sale.

"We think the Tyson Trails Day



One of the newest features at Tyson Research Center is the weather station, a 33-foot tall tower available to visitors on April 28's Tyson Trails Day.

offers abundant activities, displays and presentations for people of all ages in the St. Louis area," said David Larson, Tyson field station manager. "It is an opportunity to

See **Trails Day**, Page 6

For directions to Tyson Research Center, see Page 6

Khinduka installed as George Warren Brown distinguished professor

By ANN NICHOLSON

Shanti K. Khinduka, Ph.D., who has served as dean and professor at the George Warren Brown School of Social Work since 1974, was installed April 12 as the inaugural George Warren Brown Distinguished University Professor.

Under Khinduka's leadership, the school has risen to one of the top-ranked institutions of social work in the country and become a model for cutting-edge research, innovative curriculum and fostering community self-determination.

"As dean, Shanti not only has played an instrumental role in the development of this school for more than 25 years, but also has had an extraordinary effect on social work education nationally," Chancellor Mark S. Wrighton said. "His vision and leadership have had a tremendous impact on the University, as well — lifting our visibility and building our identity as a major research institution.

"I can think of no one more deserving of this inaugural appointment as the George Warren Brown Distinguished University Professor."

The chair is named in honor of Brown, for whom the social work school is also named. Brown was a wholesale shoe manufacturer based in St. Louis. Upon his death in 1925, his widow, Bettie Bofinger Brown, established the school as a memorial to him. When she died in 1931, a portion of her estate was set aside for the construction of a new facility; Brown Hall was dedicated in January 1937.

William H. Danforth, M.D., chancellor emeritus and vice



Chancellor Mark S. Wrighton (right) and John F. McDonnell (left), chairman of the University Board of Trustees, congratulate Shanti K. Khinduka, Ph.D., dean of the George Warren Brown School of Social Work, on his April 12 installation as the inaugural George Warren Brown Distinguished University Professor.

chairman of the Board of Trustees, said, "Shanti is my model of a great academic leader. He has led the school magnificently while providing exemplary leadership to the social work profession nationally and internationally, made the school a magnet for students from all over the world, and helped lead the University in its international efforts."

Danforth, who hired Khinduka, added: "Above all, Shanti is a leader who inspires trust and admiration, as he builds carefully on people and programs, guiding us toward

his noble goals."

Khinduka's tenure is one of the longest for a social work dean and the longest of a dean currently serving the University. Highlights of his term as dean include construction of the \$13 million Goldfarb Hall and renovation of Brown Hall; formation of centers of path-breaking research in areas such as addiction, mental health services, social development and in support of American Indians; and remarkable growth of the research portfolio of the social

work faculty.

The school has also substantially increased its endowment; established a number of named professorships for faculty; greatly expanded the number of scholarships for students; broadened and deepened its programs of interdisciplinary collaboration; and become the favorite locus for graduate education for the largest number of international students in any U.S. social work school.

An editor of three books, Khinduka founded the Journal of Social Service Research in 1977

and remains chairman of its editorial board. He has been published in U.S. and foreign journals on technical assistance, community and social development, and international social welfare.

Khinduka has served as a member or chair of numerous boards and committees of the National Association of Social Workers (NASW), National Conference on Social Welfare, Council on Social Work Education, National Association of Deans and Directors of Social Work Schools, and United Way of Greater St. Louis. He is the current chairman of the board of directors of Missouri Goodwill Industries and is serving a second four-year term as chairman of the NASW Publications Committee. He is president-elect of the Inter-University Consortium for International Social Development.

Among his many honors, Khinduka received the NASW President's Award for Educational Excellence and the Los Amigos de la Humanidad Distinguished Educator Award from the University of Southern California School of Social Work.

Born in Jaipur, India, Khinduka earned a bachelor's degree from Rajasthan University (Jaipur) in 1953; master of social work degrees from Lucknow University (Lucknow, India) in 1955 and the University of Southern California in 1961; and a doctorate from Brandeis University in 1968. Before joining Washington University, he taught at Lucknow and Saint Louis universities.

He and his wife of 46 years, Manorama, have two daughters — Abha and Seema, both graduates of Washington University — and five grandchildren.

Lead

Problem is especially prominent in St. Louis
— from Page 1

expertise — will be a winning combination. Brouillet has applied both her knowledge of environmental justice issues and her science background to decipher medical charts indicating micrograms per deciliter of lead levels. The law students have been using their legal skills to research numerous local and state laws on lead poisoning, and employing their art of persuasion in presenting the proposed legislation.

"In testifying before the governor's committee and the state legislative committees, we approached the issue from a public policy perspective — what is the law, how is it being applied and how effective is it," Whelan said. "My experience in law school with moot court competitions definitely helped; I knew my arguments backward and forward. It was a matter of trying to get their attention since they have so much on their plates, and convincing them of the seriousness of the problem."

The IEC, officially launched in January 2000, provides free legal and technical assistance to environmental and community organizations and low-income residents in the greater St. Louis area. Law, environmental studies and School of Engineering and Applied Science students work throughout the year on interdisciplinary teams under the guidance of Maxine Lipeles, J.D., clinic director and professor of law, and Judy Coyle, clinic staff scientist.

Since its inception, the IEC has undertaken projects and cases for an array of organizations, including the St. Louis Health Department, Metropolitan



(From right) Second-year law students Tiffany Meddaugh and Shannon Whelan meet with Missouri Rep. Russ Carnahan (D-59th District) after testifying before the Senate Committee on Housing and Insurance on bills that would require Missouri children to be tested for lead poisoning. The School of Law's Interdisciplinary Environmental Clinic, directed by Maxine Lipeles (left), J.D., professor of law, drafted the legislation for the St. Louis Lead Prevention Coalition, working with Jonathan VanderBrug (second from left), coalition executive director.

Congregations United, Churches United for Community Action, Medical Waste Incinerator Group, Missouri Coalition for the Environment, Ozark Chapter of the Sierra Club, Grace Hill Neighborhood Health Services, Open Space Council and the forest protection organization, Heartwood. In addition, the IEC assisted two mothers of lead-poisoned children in efforts to ameliorate conditions in their apartments.

While each semester eight law students and a total of eight environmental engineering and environmental science students pool their talents to tackle a variety of environmental and health issues, much of the clinic's work has been on lead poisoning.

The clinic recently received a \$25,000 grant from the Deaconess Foundation and a \$10,000 grant from the Middle Fund. The grants will help the clinic further its efforts in the prevention of lead poisoning and water pollution, expand the work of the IEC's staff

scientist and fund stipends for students to continue projects during the summer.

"The clinic has focused a considerable share of its efforts on addressing lead poisoning in large part due to the exceptionally high rate of childhood lead poisoning in St. Louis and the apparent low level of public commitment to addressing this disease," Lipeles said. "Tragically, although lead poisoning is highly preventable, once it strikes, its most devastating effect — brain damage — is irreversible."

Lipeles added that unlike other environmental injuries, the connection between exposure to lead and lead poisoning is widely accepted and well understood by scientists.

"While the solutions to other environmental problems — such as groundwater contamination and air pollution — may still be elusive, the technology for reducing, if not eliminating, the risk of harmful exposure to lead is relatively straightforward," she said.

The clinic has taken a particular interest in the issue because while nationally the average rate of lead poisoning among children ages 1-5 has been reduced to about 4 percent, the average rate in St. Louis city is 25 percent, and one area in north St. Louis exceeds 40 percent, Lipeles said.

To date, the clinic has:

- Documented for the St. Louis health department the link between lead contamination of soil and childhood lead poisoning, identified lead-contaminated soil and offered legal and technical advice for addressing the situation.

- Worked with Grace Hill nurses and parents of children suffering from lead poisoning to develop means of encouraging landlords to remedy lead paint hazards.

- Investigated for the St. Louis Lead Prevention Coalition the existence and use of public funds earmarked for remedying lead

hazards in St. Louis.

- Evaluated for the St. Louis health department the feasibility of making St. Louis housing stock lead-safe.

"The clinic has taken a leading role in this issue because there is no overall public effort to prevent lead poisoning from

occurring, and efforts to date to identify and treat lead-poisoned children — and even to remedy hazardous conditions in their homes — are underfunded, understaffed and uncoordinated," Lipeles said. "We hope the IEC's policy

"We hope the IEC's policy initiatives, community projects and educational outreach will make lead poisoning prevention a public priority."

MAXINE LIPELES

initiatives, community projects and educational outreach will make lead poisoning prevention a public priority.

"Our goals are to increase effective treatment for children, remediate lead hazards in homes and greatly reduce the number of children contracting lead poisoning."

Record

Washington University community news

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Washington University in St. Louis

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Medical School Update

Pathway to parasitic infection identified

By JIM DRYDEN

Researchers have identified a molecule that controls the ability of a tropical parasite, *Leishmania*, to infect humans.

"This is the first pathway we have identified that controls the virulence of this deadly pathogen," said principal investigator Stephen M. Beverley, Ph.D., the Marvin A. Brenneke Professor of Molecular Microbiology. "Remarkably, it normally acts to limit parasite virulence rather than to increase it."

In the April 13 issue of the journal *Science*, Beverley's team reports that the virulence of *Leishmania* is controlled by the levels of a substance called tetrahydrobiopterin (H4B).

The microscopic parasite infects more than 10 million people in tropical parts of the world, causing an ulcerating disease called leishmaniasis. The disease often is fatal, and no satisfactory vaccines or drug therapies exist.

Like a caterpillar that changes into a butterfly, *Leishmania* has several stages in its life cycle. In the first stage, it lives in the digestive tract of a sand fly, where it obtains biopterin and then converts it to the H4B needed for growth.

At the end of this stage, the parasite stops growing and

transforms into the infectious metacyclic stage, now ready to be transmitted when the fly bites a human or other mammal. Once the fly bites, the parasites invade phagocytic white blood cells. There, they differentiate into yet another stage, the amastigote form, which causes disease.

With postdoctoral fellow Mark Cunningham, Ph.D., and colleagues from Colorado State University and the University of Kentucky Medical Center, Beverley set



Beverley: Studies tropical parasite

out to learn whether parasites lacking the gene for pteridine reductase 1 (PTR1), the enzyme that converts biopterin to H4B, could infect mice. By knocking out the gene, the investigators lowered the amount of H4B available to the parasite.

Leishmania did more than survive — it became more infectious. After about two weeks, mice injected with the mutant microbe had more than 50 times as many parasites in their bodies as mice injected with normal *Leishmania*. The rapidity of infection and extent of the lesions

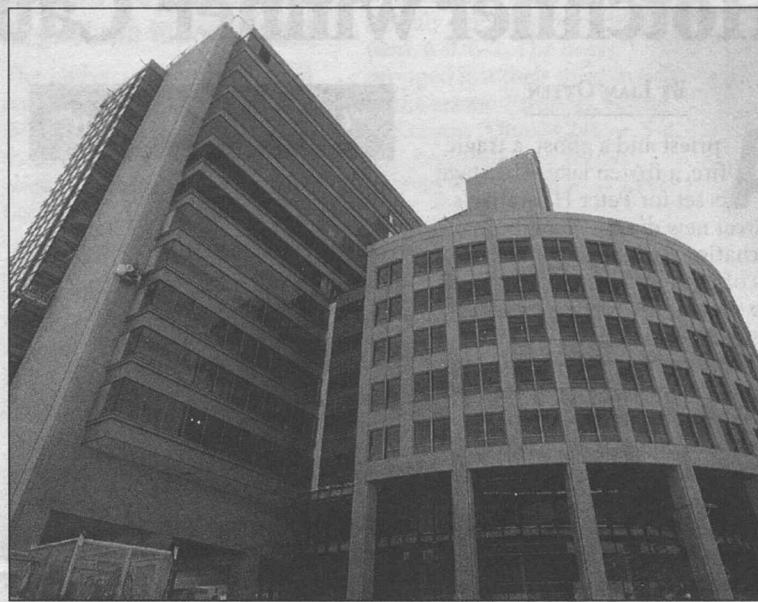
depended on the number of parasites that enter the second, infective metacyclic stage, and the PTR1-knockout parasites showed a much greater capacity to undergo this transition.

The researchers then exposed normal *Leishmania* to different concentrations of reduced biopterin in a test tube. They discovered a threshold above which entry into the metacyclic stage decreased rapidly. Below this threshold of exposure, the infectious stage of the parasite was much more likely to form.

"Therefore, falling levels of H4B, which occur normally during the parasite's development, appear critical to its ability to develop into the stage which infects mammals," Beverley said. "Conversely, high levels keep the parasite in its noninfectious form."

Beverley finds it interesting that lower amounts of this molecule make *Leishmania* more deadly. He believes limiting its ability to infect mammals may be advantageous to the parasite.

"There's a central tenet of evolutionary microbiology that states that 'a good parasite does not kill its host too fast,'" he said. "It may be that the levels of H4B that *Leishmania* normally contain ensure that it won't kill its host as quickly, giving the parasite time to reproduce and be transmitted."



The Center for Advanced Medicine is located at the corner of Forest Park and Euclid avenues.

Center for Advanced Medicine will house outpatient and cancer care

The School of Medicine and Barnes-Jewish Hospital have chosen Center for Advanced Medicine as the official name of the new ambulatory care center, scheduled to open in November at the corner of Forest Park and

Euclid avenues. The Alvin J. Siteman Cancer Center also will be housed there.

The 14-story Center for Advanced Medicine was designed more than three years ago to provide a single location in which ambulatory patients can park conveniently, see their physician and receive diagnostic testing and ancillary care services.

"More than a building, the Center for Advanced Medicine will offer a new paradigm in patient care, and the name selected for our facility communicates that promise," said Jim Crane, M.D., associate vice chancellor for clinical affairs and chief executive officer of the Faculty Practice Plan at the medical school. "Here, patients will receive outpatient care and have convenient access to the very latest medical innovations and technology."

Lee Bernstein, vice president of administration at Barnes-Jewish Hospital, said, "This new facility was designed to greatly enhance our ability to provide exceptional care for patients in a world-class setting. The name simply reflects that fact."

Before making a final decision,

potential names for the new facility were tested with health-care consumers.

Currently, adult patient services are offered in 32 areas of the sprawling medical center. Because approximately one-third of

patients see more than one health-care provider or receive ancillary medical services or both, they sometimes are required to walk several blocks between appointments.

The Center for Advanced Medicine will

be organized into multidisciplinary clinical centers, which group together specialties that tend to see the same types of patients. For example, the lung center will include specialists in pulmonary medicine, allergy and immunology, thoracic surgery and lung transplantation. Associated ancillary services, such as chest X-ray and pulmonary function testing, will be located in the physician practice area.

"More than a building, the Center for Advanced Medicine will offer a new paradigm in patient care, and the name selected for our facility communicates that promise."

JIM CRANE

Peck to give address

William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, will address the faculty on the "State of the Medical School" May 7. The address will take place from 11 a.m.-2 p.m. in the Eric P. Newman Education Center, and light refreshments will be provided.

The talk is sponsored by the Executive Committee of the Faculty Council.



Easter creations Karen Parker Davis (center), a clinical specialist in the Occupational Therapy Program, helps Maggie Niblett (left) and Adell Denton dye Easter eggs at the Mary Ryder Home. To enhance residents' quality of life, Davis directs activities at the elderly care facility three times a week.

Molecule that guides nerve cells also directs immune cells

By GILA RECKESS

Scientists have the first evidence that cues that guide migrating nerve cells also direct white blood cells called leukocytes, which have to find their way to inflamed, infected or damaged areas of the body. The study, a collaboration between the School of Medicine and Baylor College of Medicine, is reported in Thursday's issue of the journal *Nature*.

"This similarity between the immune system and nervous system might suggest new therapeutic approaches to immune system disorders such as inflammation and autoimmune diseases," said Yi Rao, Ph.D., associate professor of anatomy and neurobiology.

Rao and Jane Y. Wu, Ph.D., associate professor of pediatrics and of molecular biology and pharmacology, led the Washington University teams. Lili Feng, Ph.D., led the Baylor team.



Rao: Researches cell-guidance cues

This study bridges the gap between two previously independent fields — immunology and neurology — and highlights the need for collaboration.

"This kind of research could have been done several years ago," Rao said. "But we all get used to addressing questions in our own

fields. This study shows what happens if we venture out and collaborate with scientists in other fields."

After a cell is born, it navigates to its destination, guided by signals from other molecules already in place. Researchers have found that the nervous system uses molecules that attract migrating cells, molecules that stop cell migration and molecules that push cells away. But so far, only attractive molecules have been identified in the immune system.

Neurons take minutes or hours to migrate to their destinations, whereas leukocytes migrate within seconds. Even so, Rao and his colleagues wanted to determine whether migrating leukocytes and neurons use

similar mechanisms for finding their ways.

"These experiments were carried out to address the question whether there is mechanistic conservation between the two systems," Rao said.

His group studied a protein called Slit, a known repellent in neuronal migration. Two of the three known Slit proteins also have been found in organs other than the brain.

The researchers simulated leukocyte migration in a dish, using a molecule known to attract immune cells. When they added human Slit protein (hSlit2) to the dish as well, fewer cells migrated. They repeated the procedure in the presence of a bacterial product also known to attract leukocytes. Again, hSlit2 inhibited cell migration. However, it did not inhibit other

functions of the bacterial product.

The team then determined whether Robo — a receptor that enables Slit to act on nerve cells — plays a similar role in the immune system. They had previously made a fragment of Robo that blocks the normally full-length Robo protein. When this blocker was added to the dish, Slit no longer inhibited leukocyte migration. So Robo and a receptor on the cells appeared to be competing for Slit.

"These results suggest that Slit also is likely to act through a Robo-like receptor on leukocytes to inhibit their migration," Rao said.

He and his colleagues also are trying to find out whether Slit can actively repel leukocytes and whether other neuronal guidance cues influence immune cell migration.

University Events

Hotchner winner 'Caught in Carnation' debuts at PAD

By LIAM OTTEN

A priest and a ghost, a tragic fire, a frozen lake. The stage is set for Peter Hanrahan's surreal new drama "Caught in Carnation," which examines the ties of faith and history that bind two men of the cloth in wintry upstate New York.

Hanrahan, a junior majoring in English, won the Performing Arts Department (PAD) in Arts & Sciences' 2000 A.E. Hotchner Playwriting Competition, which sponsors one full theatrical production each spring. Winning plays are chosen one year before performance, and playwrights spend the interim period developing and refining their works, most notably during the annual A.E. Hotchner Play Development Lab, conducted each fall by a visiting theater professional.

Showtimes are 8 p.m. April 25-27 and 2 p.m. April 28-29 in the A.E. Hotchner Studio Theatre in Mallinckrodt Center.

Set in a fictional town, "Caught in Carnation" opens with the arrival of young Father Perry (played by junior Danny Nathan), sent by the archdiocese to succeed his one-time mentor, the elderly Father Iker (senior John Spernoga). Perry, despite his

"Caught in Carnation"

WHERE: A.E. Hotchner Studio Theatre, Mallinckrodt Center

WHEN: 8 p.m. April 25-27; 2 p.m. April 28-29

TICKETS: \$8 for University faculty, staff and students and senior citizens; \$12 for the general public; available at Edison Theatre Box Office (935-6543) or MetroTix 534-1111

For more information, call 935-6543.

youth, is a haunted man — literally haunted, with the amicable, if rambunctious, ghost of his former lover Erica (junior Annie Portnoy) stowing along in his suitcase. Yet the fiery Erica is soon joined by the icy, mysterious Mina (sophomore Erica Nagel), and it becomes clear that Iker, like his protégé, is tormented by a dark, unforgiving past.

Hanrahan, a former altar boy, said part of his motivation for writing "Caught in Carnation" was to frankly investigate the often hidden emotional lives of priests.

"I guess I got a good view of priests and how they interact," he said of his Catholic school days. "I was able to see them both at the altar and as just people."

"There's a strong element of

confinement in the play," Hanrahan added. "Perry and Iker are caught in a small town, they're caught by the weather, by their vows and by dogma. And they're both coming to terms with guilt — their respective lovers have died, directly or indirectly, because of things that they've done."

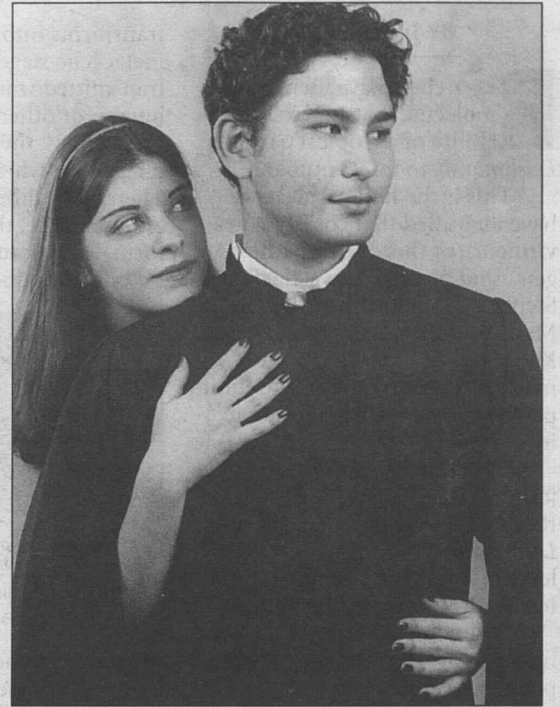
"It's a poetic, beautifully written story about love and guilt," said Kerry Mulvaney, a first-year PAD graduate student who directs the five-member cast. Mulvaney, whose resume includes stints working with new playwrights at the Actor's Theatre of Louisville, Ky., and the Steppenwolf Theatre in Chicago (where she also served as assistant to actor John Malkovich), added, "Peter is one of the most eccentric and evocative young writers that I've encountered. His words are so fresh and quirky that you think, 'No one else could write like that.'"

"The action and the text are very dense, and we wanted to make sure the design elements weren't distracting," Mulvaney noted, explaining her decision to employ a simplified, arena-style set. "The story is so self-contained, the characters so bound by time and circumstances, we also felt it was important for the audience to be able to see them from all sides, unguarded — almost caught on stage."

Costumes, lighting and sets were designed by sophomores Cassandra Beaver, Jen Goldstein and Caity Mold-Zern, respectively. The production also stars sophomore Jane Rhyu as parish housekeeper Janeane, whom Mulvaney describes as "the sort of mother figure who tries to keep everyone else grounded in reality."

A.E. Hotchner, a 1940 graduate of the University, is the author of numerous screenplays, novels, plays and memoirs, including the 1966 volume "Papa Hemingway," which recounts his long friendship with the famous writer. His memoir, "King of the Hill," which recounts growing up in St. Louis, was made into a feature film in 1993.

Tickets — \$8 for University faculty, staff and students and



Junior Annie Portnoy as Erica and junior Danny Nathan as Father Perry in Peter Hanrahan's surreal new drama "Caught in Carnation," winner of the 2000 A.E. Hotchner Playwriting Competition.

senior citizens, and \$12 for the general public — are available at the Edison Theatre Box Office (935-6543) and all MetroTix outlets (534-1111). For more information, call 935-6543.

"Chungking Express" • Student Recitals • "War of the Worlds" • Constraint Induced Movement

"University Events" lists a portion of the activities taking place at Washington University April 20-May 2. Visit the Web for expanded calendars for the School of Medicine (medschool.wustl.edu/events/) and the Hilltop Campus (cf6000.wustl.edu/calendar/events/).

Exhibitions

"Muses and the Healing Art." Through Aug. 31. Glaser Gallery, The Bernard Becker Medical Library, 660 S. Euclid Ave. 362-4235.

Film

Tuesday, April 24

6 p.m. Chinese Film Series. "Chungking Express." Room 219 Ridgley Hall. 935-5156.

Lectures

Friday, April 20

9:15 a.m. Pediatric Grand Rounds. "Eating Disorders in Primary Care Practice." Richard E. Kreipe, George Washington Goler Prof. of Pediatrics, chief, adolescent medicine div., U. of Rochester School of Medicine and Dentistry, N.Y. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Mathematics analysis seminar. Pedro Mendez-Hernandez, Purdue U. Room 199 Cupples I Hall. 935-6760.

Noon. Cell biology and physiology seminar. "Studying Biological Processes Using Expression Microarrays." Thomas J. Mariani, research instr., pediatric pulmonary div. Room 426 McDonnell Medical Sciences Bldg. 362-2254.

12:30 p.m. School of Social Work lecture. "Issues in Social Welfare: The View From the Lieutenant Governor's Office." Joe Maxwell, Lt. Governor. Brown Lounge, Brown Hall. 935-6601.

3 p.m. Romance Languages Silver Memorial Lecture. "Political Correctness and the Renaissance: Montaigne's Discourse on Native Americans." François Rigolot, Princeton U. Room 300 Brookings Hall (reception following). 935-5175.

4 p.m. Hematology seminar. "Red Blood Cell Development and Leukemogenesis." Gregory D. Longmore, assoc. prof. of cell biology and physiology and of medicine. Room 8841 Clinical Sciences Research Bldg. 362-8801.

4 p.m. Marketing assoc. lecture. "The Combined Study Advantage." Dextor Fedor, sr. vice president for strategic marketing, Walt Disney Productions and graduate of WU Olin School of Business and School of Art. May Aud., Simon Hall (reception following, Lopata Courtyard). 935-6315.

4 p.m. Neuroscience seminar. "The Reelin Pathway: Tales From Mutant Mice." Thomas Curran, St. Jude's Children's Research Hospital, Memphis, Tenn. Cori Aud., 4565 McKinley Ave. 362-7043.

7:30 p.m. St. Louis Astronomical Society lecture. "Chaos on Io." William B. McKinnon, prof. of earth and planetary sciences and fellow, McDonnell Center for the Space Sciences. Co-sponsored by earth and planetary sciences and NASA's Missouri Space Grant Consortium. Room 162 McDonnell Hall. 935-4614.

Monday, April 23

Noon. Biology seminar. "Molecular Capacitors for Evolutionary Change." Susan Lindquist, Howard Hughes Medical Inst., molecular genetics dept. and cell biology, U. of Chicago. Room 322 Rebstock Hall. 935-5348.

Noon. Molecular biology and pharmacology research seminar. "Patterning, Function and Biomechanics of the Cell Motility Driving Elongation of the Vertebrate Body Axis." Raymond Keller, prof. and chair of biology, U. of Va., Charlottesville. Room 3907 South Bldg. 362-2725.

Noon. Neurology and neurological surgery research seminar. Karen L. O'Malley, prof. of anatomy and neurobiology. Schwartz Aud., first floor, maternity bldg. 362-7379.

Noon-1 p.m. Work, Families and Public Policy Brown Bag Seminar Series. "Child Support and the New World of Welfare." Irwin Garfinkel, Columbia U. Room 300 Eliot Hall. 935-4918.

4 p.m. Immunology Research Seminar Series. "Cellular and Molecular Basis for Human Immune Response to Porcine Xenograft." Thalachallour Mohanakumar, prof. of medicine, of pathology and of surgery. Eric P. Newman Education Center. 362-2763.

4 p.m. Condensed matter/materials and biological physics seminar. "Nano-scale Characterization of Semiconductor Surfaces and Heterostructures." Sascha Sadewasser, Hahn-Meitner Institut, Berlin. Room 241 Compton Hall (coffee 3:45 p.m.). 935-6276.

7 p.m. Monday Night Lecture Series. Harris Armstrong Lecture. "The Catalytic City: Between Strategy and Intervention." Kenneth Frampton, prof. of architecture, Columbia U. Steinberg Hall Aud. (reception 6:30 p.m., Givens Hall). 935-6293.

Tuesday, April 24

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Evolution of the Majority: Insights From Genomic Comparison of Bacteriophages." Roger W. Hendrix, prof. of biological sciences, U. of Pittsburgh. Cori Aud., 4565 McKinley Ave. 362-2772.

4 p.m. Anesthesiology research unit seminar. "Functional Development of a Single CNS Synapse." Henrike von Gersdorff, asst. prof., Vollum Inst., Ore. Health Sciences U., Portland. Room 5550 Clinical Sciences Research Bldg. 362-8560.

4 p.m. Chemistry seminar. "Vitamin B12 catalyzed Dechlorination of Pollutants." Wilfred van der Donk, chemistry dept., U. of Ill., Urbana. Room 311 McMillen Hall (coffee 3:40 p.m.). 935-6530.

8 p.m. Writing Program Reading Series. Graduate students, MFA, will read from their poetry/fiction. Hurst Lounge, Room 201 Duncker Hall. 935-7130.

Wednesday, April 25

Noon. Orthopaedic research seminar. "Mechanical Influences on Bone Formation, Repair and Adaptation." Steven Goldstein, Orthopaedic Research Laboratories, U. of Mich., Ann Arbor. Key Library, Suite 11300, Barnes-Jewish Hosp. Bldg. 454-7800.

5:15 p.m. Mothers and Babies Research Center conference. "Studying Biological Processes Using Expression Microarrays." Thomas J. Mariani, research instr., pediatric pulmonary div. Room 36, third floor south, St. Louis Children's Hosp. 747-0739.

Thursday, April 26

8 a.m. Pulmonary and Critical Care Medicine conference. The I. Jerome Flance, Visiting Prof. of Medicine conference. "Inflammation and Remodeling in the Pathogenesis of Asthma." Jack A. Elias, prof. of medicine; chief, pulmonary and critical care medicine, Yale U. School of Medicine. Clopton Aud., 4950 Children's Place. 362-8983.

Noon-1 p.m. Genetics seminar. "The Regulation of the Microtubule Cytoskeleton." Yixian Zheng, embryology dept., Carnegie Inst. of Wash., Washington D.C. Room 823 McDonnell Medical Sciences Bldg. 362-2062.

1:10 p.m. Social Work Lecture Series. "Gene Therapy on Trial." George Brooks Johnson, prof. of biology. Brown Lounge, Brown Hall. 935-4909.

4 p.m. Chemistry seminar. "Palladium Oxidase Chemistry: Mechanisms and Applications in Aerobic Oxidation Catalysis." Shannon Stahl, prof. of chemistry, U. of Wis., Madison. Room 311 McMillen Hall (coffee 3:40 p.m.). 935-6530.

4:30 p.m. Mathematics colloquium. Pat Eberlein, U. of N.C., Chapel Hill. Room

199 Cupples I Hall (tea 4 p.m., Room 200). 935-6760.

Friday, April 27

9:15 a.m. Pediatric Grand Rounds. "The Genetic Structure of Reciprocal Social Behavior in Children." John N. Constantino, asst. prof. of psychiatry (child) and pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar. "Organelle Inheritance in Yeast: Regulation of Membrane Deformation, Movement and Fusion." Lois S. Weisman, assoc. prof. of biochemistry, U. of Iowa, Iowa City. Room 426 McDonnell Medical Sciences Bldg. 362-2713.

3 p.m. Mathematics solvmanifold seminar. Pat Eberlein, U. of N.C., Chapel Hill. Room 199 Cupples I Hall. 935-6760.

4 p.m. Anatomy and neurobiology seminar. "ES Cells — Sifting the Hope From the Hype." David I. Gottlieb, prof. of anatomy and neurobiology and assoc. prof. of biochemistry and molecular biophysics. Room 928 McDonnell Medical Sciences Bldg. 362-7043.

Monday, April 30

Noon. Lung biology conference. "Neutrophil Arsenal in Host Defense Against Bacteria: Lessons From Targeted Mutagenesis." Azzaq Belaaouaj, asst. prof. of medicine. Room 801 Clinical Sciences Research Bldg. 362-8983.

Noon. Molecular biology and pharmacology research seminar. "Finding Genes for Autoimmune Diseases." Anne M. Bowcock, prof. of genetics and of pediatrics. Room 3907 South Bldg. 362-2725.

Noon. Neurology and neurological surgery research seminar. "Pathogenetic Mechanisms of Muscle Cell Death in the Muscular Dystrophies: Nitric Oxide and Cellular Susceptibility to Oxidative Stress." Tom Rando, asst. prof. of neurology and neurological sciences, Stanford U. Schwartz Aud., first floor, Maternity Bldg. 362-7379.

2 p.m. Molecular microbiology special seminar. "Measles Virus Entry and Re-targeting." Robert Cattaneo, prof. of biochemistry/molecular biology, Mayo Clinic, Rochester, Minn. Room 775 McDonnell Medical Sciences Bldg. 362-2746.

4 p.m. Immunology Research Seminar Series. "Host and Viral Genes Regulating Herpesvirus Latency, Immune Regulation of Latency and Vasculitis." Herbert W. "Skip" Virgin IV, assoc. prof. of pathology and of molecular microbiology. Eric P. Newman Education Center. 362-2763.

Tuesday, May 1

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Legionella pneumophila: Bacterial parasite of Phagocytic Cells." Joseph P. Vogel, asst. prof. of molecular microbiol-

ogy. Cori Aud., 4565 McKinley Ave. 362-8873.

12:05-12:55 p.m. Program in Physical Therapy seminar. "Constraint Induced Movement: Are We Forced to Use It?" Alexander W. Dromerick, assoc. prof. of neurology and neurological surgery. Classroom B114, 4444 Forest Park Blvd. 286-1404.

Wednesday, May 2

Noon. Orthopaedic research seminar. "The Amino Propeptide of Type IIA Procollagen: Another Growth Factor Binding Protein?" Audrey McAlinden, orthopaedic surgery dept. Key Library, Suite 11300, Barnes-Jewish Hosp. Bldg. 454-7800.

4 p.m. Biochemistry and molecular biophysics seminar. "Molecular Basis of Pilus Retraction." Michael P. Sheetz, prof., Columbia U., Sherman Fairchild Center, N.Y. Cori Aud., 4565 McKinley Ave. 362-0261.

5:15 p.m. Mothers and Babies Research Center conference. "Mechanisms of Hyperglycemia-induced Apoptosis in the Mouse Blastocyst." Kelle H. Moley, asst. prof. of cell biology and physiology and of obstetrics and gynecology. Room 36, third floor south, St. Louis Children's Hosp. 747-0739.

Music

Sunday, April 22

7 p.m. Senior voice recital. "The Telephone." Gian Carlo Menotti's opera. Lori Feiler, soprano, Michael Markham, baritone, and Vera Parkin, pianist. Graham Chapel. 935-5581.

Monday, April 23

7 p.m. WU Jazz Singers concert. Ross Bell, dir. Friedman Lounge, Wohl Center. 935-5581.

Tuesday, April 24

8 p.m. Music dept. student recital. Graham Chapel. 935-5581.

Thursday, April 26

8 p.m. Music dept. student recital. Graham Chapel. 935-5581.

Sunday, April 29

3 p.m. Chancellor's concert. Music of Khachaturian, Borodin, Rachmaninoff and Rutter. WU Symphony Orchestra, Dan Presgrave, dir. Chamber Choir of WU, John Stewart, dir. Graham Chapel. 935-5581.

Monday, April 30

9 p.m. Concert of English madrigals. More Fools Than Wise, madrigal ensemble.

Stith receives Women's Society's full scholarship

By JESSICA N. ROBERTS

Kimberly Stith's dream of continuing her education at the University will come true thanks to the Women's Society of Washington University (WSWU).

Stith, a transfer student from Florissant Valley Community College, will attend the University on a full tuition scholarship.

Stith's selection as the 26th scholarship recipient was announced April 11 at the society's annual meeting. WSWU member Mary Behnke introduced Stith to an audience of nearly 100.

The scholarship for community college transfer students was established in 1976, and in 1995 was named the Elizabeth Gray Danforth Scholarship as an expression of gratitude and admiration for all Danforth had done as first lady of the University from 1973-95.

This year, through a special development campaign effort, WSWU brought the scholarship endowment level to more than \$1 million.

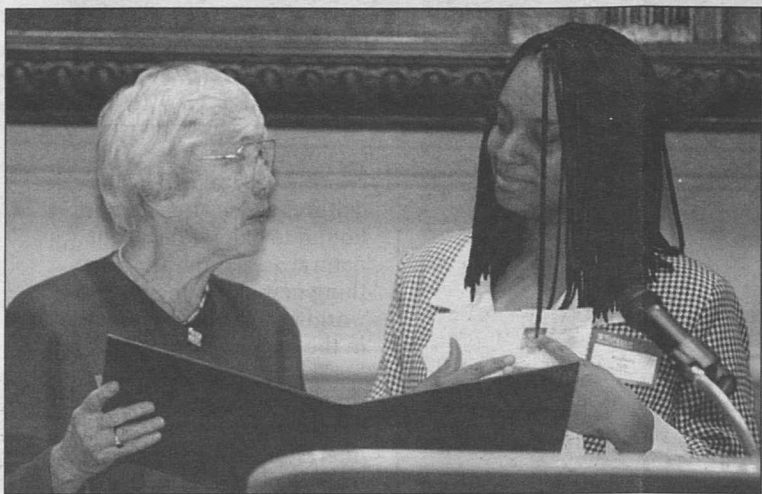
Stith carried a 3.94 grade point average at Florissant Valley in addition to her role as mother to three children. She is also a member of the Phi Beta Kappa honor society.

Stith will take coursework in Arts & Sciences and is interested in becoming a surgeon.

Two of Stith's sons and her mother, Georgette, beamed with pride as Stith accepted the award from Danforth and expressed her gratitude.

"This is a dream come true for me," Stith said. "I was beginning to think that all my hard work would never pay off. I have worked very hard for this, and I want you to know that I will keep on working hard."

The Women's Society looks



Kimberly Stith (right), the 26th recipient of the Elizabeth Gray Danforth Scholarship, receives her certificate from Danforth at the Women's Society of Washington University's annual meeting April 11 in the Women's Building formal lounge.

"This is a dream come true for me. I was beginning to think that all my hard work would never pay off."

KIMBERLY STITH

forward to seeing what their scholars accomplish during their years at the University and beyond.

"Providing scholarship resources for deserving students gives WSWU members a great deal of satisfaction," said Harriet K. Switzer, Ph.D., University coordinator of WSWU and secretary to the Board of Trustees. "They love to see the talents of 'their' students thrive at the University, and they look forward to hearing about their accomplishments in the letters they receive from the graduates."

A number of past recipients

were on hand to congratulate the new scholarship recipient and honor Danforth.

The 1995-96 recipient, Brian Saville, is completing his third year at the School of Medicine, where he prepared and taught a mini-course in cardiovascular physiology that was used to introduce first-year students to more advanced cardiac physiology and pharmacology in a clinical setting.

The 1999-2000 recipient, Sarah Wood, junior in Arts & Sciences, is a member of the women's soccer team.

The Women's Society is an organization of volunteers and professional women who are influential in the St. Louis community. In addition to the annual scholarship, the society offers services to the entire University community, including the Bear Necessities gift shop, friendship and hospitality for international students and funding for sponsored projects.

Sports

Softball stays over .500; Augustana tourney next

The University's softball team remained two games above .500 despite dropping two of three games over the April 13 weekend. Sophomore pitcher Liz Smith tossed a gem in Game 1 of a road doubleheader April 13 against Maryville University, but the hosts managed two unearned runs to steal a 2-0 victory. But Smith responded with a complete-game shutout in the nightcap, stretching her season record to 11-6 with the 6-0 win. Freshman center fielder Jen Hiller went 3-for-4 with two runs. A 6-1 loss Monday to perennial NAIA power Missouri Baptist College moved the Bears to 17-15 on the season. They will hit the diamond today and Saturday in the Augustana (Ill.) College Tournament.

Women's tennis 11-3 after Midwest invite

WU women's tennis sandwiched heartbreaking 5-4 losses around a 6-1 victory Friday and Saturday at the Midwest Invitational in Madison, Wis. The weekend began with a 5-4 loss Friday to Luther College. Jenny Stein started the match off right for WU by winning at No. 1 singles, but then the Bears dropped second, third and fifth singles, putting them in a hole they couldn't overcome. Shilpa Reddy and Jen Kivitz won at No. 3 doubles, 8-5. The Bears bounced back by sweeping all six singles matchups on the way to a 6-1 thrashing of St. Thomas (Minn.) University. Senior captain Nandina Chaturvedula

was impressive at No. 2 singles, handily defeating her opponent, 6-0, 6-2. The Bears dropped just their third match of the season Saturday, falling to Kenyon (Ohio) College, 5-4. The Bears split the singles portion of the match, as Steph Cook, Jen Kivitz and Laura Greenburg all won. But WU dropped two of three doubles matches to take the loss. Now 11-3, the Bears will head to the University of Rochester (N.Y.) for today and Saturday's University Athletic Association (UAA) Championships.

Track & field primes for UAA Championships

The Bears track and field team prepared for today and Saturday's UAA Championships at the University of Chicago by competing at the Cougar Classic Open, hosted by Southern Illinois University at Edwardsville. Team scoring was not kept, but several Bears turned in fine individual performances. On the women's side, freshman Emily Lahowetz won the 1,500 meters (4:50.96), and senior Susan Chou flew to a 10:21.9 in the 3,000 meters to win by more than 20 seconds. Valerie Lasko took second in the 200-meter dash (26.32 seconds) and third in the 100 meters (12.79). For the men, freshman Darius Viet won his first event of the season with a UAA and WU team season-best time of 9:47.17 in the 3,000-meter steeplechase. Brett Pond finished second in the pole vault, leaping 12-foot-6, and fourth in the javelin at 162-foot-3.

Campus Watch

The following incidents were reported to University Police **April 10-18**. Readers with information that could assist in investigating these incidents are urged to call **935-5555**. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at rescomp.wustl.edu/~wupd.

April 12

5:38 p.m. — A student stated that two people were attempting to solicit magazine subscriptions and were acting suspicious. There were similar reports in Dauten and Beaumont halls. The suspects were later identified and warned by the University police department not to solicit and issued a trespassing warning.

April 14

1:34 a.m. — A student reported his 1989 maroon Volvo missing from his parking spot outside of fraternity house No. 2. The vehicle was later found in the West Campus garage.

April 16

9:31 a.m. — A professor stated that between 12 p.m. April 13 and 9:30 a.m. April 16 an unknown person entered his

locked office in Ridgley Hall Room 314A and took a laptop computer and docking station that was sitting on his desk. Total loss is valued at \$4,528. An investigation will continue.

University Police also responded to 11 additional reports of theft, four reports of vandalism, three reports of false alarms, three reports of automobile accidents and one report of assault.

Summer school offers array of classes

Summer is right around the corner, and summer school registration is now open. More than 200 classes offer students everything from accounting to Zen Buddhism.

Summer courses are offered during three-, five- and eight-week sessions with both day and evening hours:

- Session 1: May 21-June 8;
- Session 2: June 11-July 13;
- Session 3: June 11-Aug. 3;
- Session 4: July 16-Aug. 17.

Full-time staff and their spouses or domestic partners receive 50 percent tuition remission for undergraduate summer courses offered at the University.

The Summer School has awarded faculty grants to develop creative new additions to the curriculum.

"It's very important to encourage regular faculty members to teach courses that reflect their research interests and appeal to a wide range of students," said Mark Rollins, director of the Summer School.

New classes created from the grant are:

- "Topics in English & American literature: Children & censorship: What we permit our children to read & why," is taught by Gerald Early, Ph.D., the Merle Kling Professor of Modern Letters in English and professor of African & Afro-American studies in Arts & Sciences. The course examines the issue of censorship, who determines what is appropriate for children to read, balancing the civil liberty of free speech against concern about what children are exposed to, etc.
- Itai Sened, Ph.D., associate professor of political science in Arts & Sciences, will teach "Learning by playing games in economics and politics." This course covers basic and more sophisticated game theory

concepts as they are used to study politics, economics and business. Real case studies will be examined and several basic game experiments will be part of the class.

• "Aspects of Native American and Hispanic music and culture in New Mexico" takes students West. Held in Santa Fe, the class delves into Pueblo, Navajo, Hispanic and Anglo cultures, focusing mainly on Native American prehistory and history. Students will visit numerous historical sites and view traditional sand painting, song and dance demonstrations during the two-week sojourn. Craig Monson, Ph.D., professor of music in Arts & Sciences, is the instructor.

• "Warrior culture of Japan," taught by Elizabeth Oyler, Ph.D., assistant professor of Japanese language & literature in Arts & Sciences, explores a different world. Whether samurais or imperial army soldiers, warriors are a core part of Japanese history. Students will identify sources of the perceptions of the Japanese warrior over time and investigate the differences between early images of the samurai and their portrayals in later literature and film.

In addition to a wide range of courses, the Summer School and the College of Arts & Sciences find new ways to enrich summer social and cultural life on campus. A theater company will produce two plays and new music and dance events are being planned for the Hilltop this summer. The popular Holmes Jazz Series also will continue. A calendar of events will be published in May, listing these and other events.

To register for a class or for more information about Summer School, call 935-6720 or visit the Summer School Web site: <http://www.artsci.wustl.edu/summer>.

Sponsored by music dept. Umrath Hall Lounge. 935-5581.

Tuesday, May 1

8 p.m. **WU Chorus concert.** "Requiem" by Gabriel Fauré. Eric Anthony, dir. Graham Chapel. 935-5581.

On Stage

Friday, April 20

8 p.m. **OVATIONS! Series.** "War of the Worlds." The SIT Company, N.Y. (Also April 21, same time, and April 22, 2 p.m.) Cost: \$25. Edison Theatre. 935-6543.

Sports

Thursday, April 26

4 p.m. **Women's softball** vs. MacMurray College, Jacksonville, Ill. Softball Field. 935-5220.

Tuesday, May 1

3 p.m. **Men's baseball** vs. Webster U. Kelly Field. 935-5220.

Worship

Friday, April 20

11:15 a.m. **Catholic Mass.** Catholic Student center, 6352 Forsyth Blvd. 935-9191.

1:10 p.m. **Muslim Friday prayers.** Includes sermon and prayer service. Lambert lounge, Mallinckrodt Student Center. 935-3543.

Friday, April 27

11:15 a.m. **Catholic Mass.** Catholic Student center, 6352 Forsyth Blvd. 935-9191.

1:10 p.m. **Muslim Friday prayers.** Includes sermon and prayer service. Lambert lounge, Mallinckrodt Student Center. 935-3543.

And more...

Tuesday, April 25

10:30 a.m. **Preferred supplier/supplier diversity fair.** Francis Gym (also April 25, Eric P. Newman Education Center, same time). 935-5649.

4 p.m. **Town hall meeting.** John Russell, assoc. dean of graduate studies. Co-

sponsored by the Cell Biology and Physiology Postdoctoral Society and the Neuroscience Postdoctoral Fellows Assoc. Room 928 McDonnell Medical Science Bldg. 362-7717.

Friday, April 27

7:30 a.m. **Continuing Medical Education conference.** "Pulmonary Update for Primary Care Physicians." Cost: \$125 physicians, \$100 allied health professionals (Vincent van Gogh tour and dinner, \$50). Eric P. Newman Education Center. To register, call 362-6891.

7:30 a.m. **Continuing Medical Education conference.** "Update in the Diagnosis and Management of Gastroesophageal Reflux Disease (GERD)." Cost: \$125 physicians, \$50 nurses/allied health professionals (Vincent van Gogh tour and dinner, \$50). Eric P. Newman Education Center. To register, call 362-6891.

Saturday, April 28

8 a.m. **Continuing Medical Education conference.** "Non-invasive Imaging in the Management of Patients With Coronary Artery Disease." Cost: \$75 (includes breakfast and lunch). Eric P. Newman Education Center. To register, call 362-6891.

11 a.m. **International Writers Center reading.** "A Day of Readings." Assia Djebbar, Algerian novelist; Ingo Schultze, German writer and Lavinia Greenlaw, British poet. West Campus Conference Center, 7425 Forsyth Blvd. 935-5576.



Hair today gone tomorrow Sophomore Jessica Walker, a religious studies major in Arts & Sciences, takes the plunge and gets more than 10 inches of her hair cut by stylist Robert Baker at the Locks of Love charity event Monday in Mallinckrodt Center. More than 60 students and community members volunteered to have their hair cut during the three-hour event. The hair will be donated to Locks of Love, a nonprofit organization that provides hairpieces to financially disadvantaged children with medical hair loss. The event was sponsored by the St. Louis Hillel at Washington University and co-sponsored by several student groups.

Hohenemser

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helicopter to be flown was a model Hohenemser and Flettner developed. It reached an altitude of several thousand feet and flew for nearly an hour. By the war's end, 20 helicopters bearing Hohenemser's design and analysis and Flettner's vision had been successfully flown.

At war's end, Hohenemser was discovered by an American engineer, who took his reports on the design of the Flettner helicopter and had them published in English, exposing him to American aeronautics experts.

Hohenemser and his family came to the United States in 1947. He weighed offers from Flettner, who also left Germany after the war, and St. Louis' James McDonnell, who also was involved in helicopter development. Hohenemser chose McDonnell, serving 18 years at McDonnell Douglas Corp. as chief aerodynamics engineer of its helicopter division before joining the University in 1966 as professor of aerospace engineering.

Hohenemser was Peters' mentor and master's thesis adviser in the 1970s. Peters recalled that Hohenemser was a hearty man who took massive amounts of vitamin C and drank only raw, unpasteurized milk, which he had to purchase in Illinois because it's not sold in Missouri.

He rode a bicycle everywhere into his 80s, out of concern for the pollution automobiles cause.

"He cross-country skied every winter until he reached 91," Peters said. "When he would visit my house, he'd often check on my furnace to make it more efficient for the winter. Efficiency and exactitude were very important to him."

During the decade following the 1973 oil embargo, Hohenemser wrote a column on energy policy for *Environment* magazine, in which he explored all kinds of alternative energy. Since 1980, Hohenemser conducted research at Tyson Research Center on a wind turbine he designed based on his pioneering helicopter work. He collected data, trying to prove that a properly designed helicopter-type rotor, with its helicopter-type mechanical controls, is more suitable for wind turbines than commonly used propeller-type rotors controlled by electronics — highly vulnerable to lightning storm.

Even in areas of high average wind speeds, wind turbines are not yet a clear economic alternative. For example, the electronically controlled turbines on the California mountain passes are beset by frequent failures that keep them offline. Thus, improvements in wind turbine designs are important, and use of mechanical controls remains promising.

In his later years, he delved into quantum mechanics, a topic of interest since his early years.

He corresponded with Max Born and Albert Einstein.

At 82, in a letter to his granddaughter Lisa Hohenemser, he wrote:

"With the spring winds and higher temperatures arriving, I will get busy on the windmill. I also have a lot of fun with my study of the foundations of quantum physics. I don't want to go to heaven before I have not understood completely what makes the universe tick."

He received many prestigious honors, including the Grover E. Bell Award from the Institute of Aeronautical Sciences and the Alexander Klemm Award from the American Helicopter Society. He received the Spirit of St. Louis Medal from the American Society of Mechanical Engineers in 1985.

Hohenemser is survived by his daughter, Veronica Sutherland, a mathematics teacher in Salt Lake City, and his son, Christoph Hohenemser, professor of physics and environmental science and technology at Clark University and 1963 physics doctoral graduate of Washington University.

Trails Day

Family event April 28 open to the public
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celebrate the season and the region's natural and historical culture. Those attending are bound to enjoy a beautiful natural area and learn something new about the natural world and the place Tyson holds in the region's history."

The 2,000 acres that constitute Tyson Research Center have experienced a diverse and interesting history, spanning from the last Ice Age to present. The area has been used by early Native Americans, farmers, miners, railroads, timber harvesters, the U.S. military and St. Louis County Parks before its present use as a biological field station and research center.

One of its newest features, available to participants at Tyson Trails Day, is the new Tyson Research Center Weather Station, which Larson manages. Installed in October 2000, the 33-foot tall tower is situated in a large, relatively flat field so that trees do not interfere with wind currents, solar radiation or other weather measurements. The area is typical of the research center and its oak-hickory forest with interspersed grassy areas. The weather station is 570 feet above sea level.

The weather station model is based on a Campbell Scientific Inc. Datalogger, "the Cadillac of weather instrumentations," according to Larson. Before coming to the University last spring, he had been field station manager for 14 years at the San Dimas Experimental Forest in southern California's San Gabriel Mountains.

"It's a critical component of field research at Tyson because the many projects here are reliant on weather data, which can be an indicator of when trees flower, for instance, or when hibernating animals such as snakes are ready to come out," Larson said.

Every second, the weather station samples air temperature in degrees Celsius, relative humidity, wind speed and direction and solar radiation.

Average values are recorded at 10-minute, 60-minute and 24-hour intervals. It also provides maximum and minimum values. Precipitation is recorded in 0.01-inch increments as frequently as one-second intervals.

While many people assume all of the research at Tyson is biological in nature, researchers from the earth and planetary sciences department in Arts & Sciences, School of Engineering and Applied Science, School of Art and other University departments regularly use the site. For instance, first-year graduate student Mike Keller will be showing on Trails Day artwork he created at Tyson. Keller was the recipient of a Crescent Hills research grant (the whole region was known as Crescent Hills earlier in the century) that enabled his work there. Stan Strembecki, professor of art, also will display photographs on Trails Day.

Other University faculty and students participating in Trails Day include biology graduate students Corey Anderson and Doug Creer, who will conduct the snake walk, and Richard W. Coles, Ph.D., former Tyson director, who will conduct the bird-watching hikes.

Jonathan B. Losos, Ph.D., associate professor of biology in Arts & Sciences and director of Tyson Research Center, Friends of Washington University Tyson Research Center and the Tyson Field

Science Program, which annually reaches out to thousands of area school-children and teachers, are hosting the event. Other participants include the Missouri Department of Conservation,

Saint Louis Zoo, Route 66 State Park, Wild Canid Survival and Research Center, the World Bird Sanctuary, Museum of Transport, Missouri Mycological Society, North American Butterfly Association Society and Webster Groves Nature Study Society.

For more information on the event, call Joyce Duncan at 935-8430. To learn more about the Tyson Research Center visit: <http://www.biology.wustl.edu/tyson>.

Directions

To get to Tyson Research Center:

- Take Interstate 44 west;
- Exit and make a right at Antire Road (Exit #269), approximately seven miles west of the I-44/I-270 interchange;
- The research center is on the right.

For more information on the event, call Joyce Duncan at 935-8430.

Employment

Use the World Wide Web to obtain complete job descriptions. Go to <https://hr.wustl.edu/> (Hilltop) or <http://medicine.wustl.edu/wumshr> (Medical).

Hilltop Campus

Information regarding positions may be obtained in the Office of Human Resources, Room 130, West Campus. If you are not a WU staff member, call 935-9836. Staff members call 935-5906.

Research Technician 000256
General Services Assistant 000377
Research Assistant 010023
Administrative Secretary 010032
Director of Admissions and Marketing 010069
Associate Director of Research Communications 010107
Senior Medical Sciences Writer 010108
Mechanic (Bargaining Unit Employee) 010111-2

Research Assistant 010140
Coordinator, Programming and All Campus Events 010146
Departmental Accountant 010148
Director 010149
Financial Aid Coordinator 010155
Catalog Librarian 010166
Assistant Facility Manager 010179
Zone Manager 010182
Career Development Specialist 010187
Planned Giving Officer 010194
Administrative Aide 010197
Administrative Assistant 010209
Project Manager 010210
Senior Prospect Researcher 010213
Associate Director of Foundation Relations 010227

Senior Compliance Auditor 010229-30
Associate Director, Annual Giving Programs 010231
Senior Prospect Researcher 010236
Reference/Subject Librarian (Psychology) 010241
Reference/Subject Librarian (German) 010242
Coordinator, Alumni & Student Marketing & Relations 010245
Administrative Aide 010247
Research Technician 010250
Residential College Director 010251-53
Receptionist 010256
Administrative Assistant I 010259
Assistant Accountant 010263
Police Service Aide 010265
Partners in Education W/Parents Processor 010267

Research Assistant 010268
Student Union Business Manager 010269
Research Technician 010271
Shuttle Coordinator 010272
Deputized Police Officer 010273
Admissions Officer 010274
Director III 010276
Site Operator/Technician 010279
Associate Vice Chancellor 010280
Assistant Intramural Director 010281
Secretary/Receptionist 010284
Public Service Coordinator 010286
Administrative Assistant 010287
Japanese Catalog Librarian/Subject Librarian 010288
Purchasing and Receiving Assistant 010289

Catalog Librarian 010290
Assistant to the Editor/Assistant to the Chair (part time) 010292
Marketing and Communications Manager 010293
Support Services Assistant 010294
Business Manager 010295
Administrative Coordinator 010296
Special Media Collections Archivist 010297
Circulation Assistant 010298
Coordinator of Off Campus Living 010299

Medical Campus

This is a partial list of positions at the School of Medicine. Employees: Contact

the medical school's Office of Human Resources at 362-7196. External candidates: Submit résumés to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, MO 63110, or call 362-7196.
Secretary 1/Assistant Coordinator 010453
Statistical Data Analyst 010553
Editorial Assistant 010676
Payroll Assistant 010981
Secretary II (part time) 011133
Business Manager 011232
Medical Secretary II (part time) 011275
Garage Attendant 011411
Purchasing Assistant (part time) 011434
Administrative Coordinator 011439

Thurtene

This year's event benefits Make a Difference Center
— from Page 1

people putting this together, and we think it's going to be a great event."

As has been tradition, the honorary will present awards Sunday for best production, best set construction, best food and best game booth. The Chancellor's Charity Cup, for the student group that raises the most money for Make a Difference

Center, and the coveted Burmeister Cup, for best overall participation in the carnival, will also be presented.

The first "Younivee Surrkuss," Thurtene's predecessor, was held in 1907. The seven-hour festival ran much like a real circus and featured sideshows and a main attraction.

General admission was 10 cents, sideshows were a nickel and proceeds went to the University's athletic association. A crowd of 400 made the event a roaring success.

"We encourage everyone to join us at the carnival," Johnson said. "It's going to be a lot of fun."

Notables

School of Business recognizes four alumni, Olin Foundation

BY ROBERT BATTERSON

The Olin School honored four alumni and the John M. Olin Foundation at its 15th annual Distinguished Alumni dinner Tuesday at the Ritz-Carlton in Clayton.

William W. Canfield, John F. Danahy, Alvin Goldfarb, and Cuba Wadlington Jr. received Distinguished Alumni awards for having attained distinction in their careers. The Olin Foundation received the Dean's Medal for exceptional dedication and service to the school. Stuart I. Greenbaum, Ph.D., dean of the Olin School, presented the awards.

Through its \$15 million challenge grant in 1987, the Olin Foundation not only gave the University's business school its name but also played a major role in its move into the top ranks of business schools worldwide. The gift assured the school's financial stability, allowed it to excel in recruiting high-quality faculty and students, enriched doctoral and executive programs, and helped establish the Business, Law and Economics Center as well as what is now the Center for Experiential Learning. In 1996, the foundation also endowed a John M. Olin Distinguished Professorship of Business, Law, and Economics.

William W. Canfield, who earned an MBA in 1962, is chief executive officer and chairman of TALX, a \$42 million application service company based in Maryland Heights. The firm provides human resource and payroll employee self-service solutions. His focus, people skills and technical aptitude have brought him success throughout his career. Canfield worked for several years as a systems engineer at IBM before joining TALX in 1991. There he initiated the "Work Number for Everyone," an automated, self-service employment-verification system holding employment and salary records for more than 40 million people, about one-fourth of the nation's work force.

John F. Danahy earned an executive master of business

administration (EMBA) degree in 1985. Since 1997, he has been chairman of Famous-Barr Co., the St. Louis-based division of The May Department Stores Co. with annual sales of \$1.3 billion and 43 stores in seven states. Danahy rose through various positions in computer services, moved to a corporate position in St. Louis in 1980, and was promoted to senior vice president in 1984.

Alvin Goldfarb left the business school in 1937 to work in his father's St. Louis-based garment-manufacturing business. In 1940, he founded Worth's stores, offering moderately priced women's apparel as women increasingly entered the work force. In 1979, Goldfarb and his wife, Jeanette, a University social work alumna, were founding sponsors of the University's Scholars in Business scholarship program. The first University-associated structure to bear the Goldfarb name was the Alvin and Jeanette Goldfarb House, home of the Hillel Foundation. Goldfarb later provided the naming gifts to the University for the Jeanette Goldfarb Plant Growth Facility; the Alvin Goldfarb Auditorium; Alvin Goldfarb Hall; and the Alvin Goldfarb Professorship of Computational Biology.

Cuba Wadlington Jr. earned a B.S. in 1972. He is president and chief executive officer of Williams Gas Pipeline Co. and executive vice president of Williams Inc., the nation's largest transporter of natural gas. Wadlington joined the company in 1979 as director of regulatory affairs, worked his way through the ranks and was named CEO last year. Wadlington has met many challenges throughout his career, including overseeing the design and construction of the Kern River Project, a \$1 billion, seven-year undertaking featuring the first pipeline constructed directly out of the Rocky Mountains crossing into southern California. He was also significantly involved in the development of an Alaskan gas pipeline in the late '70s and early '80s.



Outstanding mentors Five faculty members were honored with the annual Outstanding Faculty Mentor Awards, presented by the Graduate Student Senate Tuesday in a ceremony in Holmes Lounge. Recipients were (left-right) David A. Balota, professor and associate chair of psychology; Stanton H. Braude, lecturer in biology; Michael L. Gross, professor of chemistry; Robert Hegel, professor and chair of comparative literature; and Fiona Marshall, associate professor of anthropology, all in Arts & Sciences. The awards honor those whose dedication and commitment to excellence in graduate training has made a significant contribution to the quality of life of students.

Of note

Michelle Purdy, senior in Arts & Sciences and former president of the Student Union, recently received the Women's Society Leadership Award for 2001. This student award honors a woman who has excelled academically, made significant contributions to the University community, reached out in community service and exhibited exceptional potential for leadership. ...

Gowri Krishna, senior in Arts & Sciences, was recently selected by the Center for Study of Values in College Student Development as a student essay award-winner for her piece "Summer in the Gray: Politics, Stereotypes, and a Slap in the Face," published in the Journal of College and Character. The \$500 prize is funded through the John Templeton Foundation. ...

Kenneth M. Ludmerer, M.D., professor of medicine in the School of Medicine, recently received the Johns Hopkins University Distinguished Alumnus Award for his career as a physician, historian and writer, as well as his leadership in the medical field and his philanthropic generosity. ...

Washington University has received a National Institutes of Health grant to support summer undergraduate research fellowships for 10 students majoring in engineering, math, physics or other physical sciences. The four-year, \$325,000 grant will allow students to participate in biomedical research with selected mentors in numerous scientific fields. ...

Jay W. Heinecke, M.D., professor of medicine and molecular biology and pharmacology in the School of Medicine, recently received the 2001 Jeffery M. Hoeg Arterio-

sclerosis, Thrombosis and Vascular Biology Award for Basic Science and Clinical Research. A plaque and a \$1,500 honorarium will be presented May 12 during the Second Conference on Arteriosclerosis, Thrombosis and Vascular Biology, sponsored by the American Heart Association's Council on Arteriosclerosis, Thrombosis and Vascular Biology, the North American Vascular Biology Organization and the National Heart, Lung and Blood Institute. ...

To press

Elizabeth C. Childs, Ph.D., associate professor of art history in Arts & Sciences, recently published several essays concerning Gauguin and exoticism. Her essay "The Colonial Lens: Gauguin, Primitivism and Photography in the fin-de-siècle" appeared in the anthology "Policing the Boundaries of Modernity: Antimodernism and Artistic Experience" (University of Toronto Press, 2001), edited by Lynda Jessup. Child's essay "Seeking the Studio of the South: Van Gogh, Gauguin, and Avant-Garde Identity" appeared in the catalog to the exhibition "Vincent Van Gogh and the Painters of the

Petit Boulevard," which opened at the Saint Louis Art Museum in February (Rizzoli Press). She will deliver a symposium paper this spring in conjunction with that exhibition and will give three additional public lectures on the show. Child's review of Stephen Eisenman's book "Gauguin's Skirt" will appear in the journal Pacific Review (Vol. 22, no. 4) in May. ...

Speaking of

Eric Mumford, Ph.D., assistant professor in the School of Architecture, spoke on "CIAM and the Institutionalization of Modern Architecture" at the Department of Art History at the University of Missouri-Columbia April 9. He also spoke on CIAM last November at the University of Illinois.

Notable guidelines

Send your full name, title(s), department(s), phone number and degree(s), along with a description of your noteworthy activity, to Notables, c/o Jessica Roberts, Campus Box 1070, or e-mail jessica_roberts@aismail.wustl.edu. For more information, call 935-5293.

Olin School appoints director of European Programs in London

The Olin School of Business has appointed Nicholas S. Hugh director of European Programs, based in London.

Hugh will develop and supervise internships and small-group consulting projects for undergraduate and graduate business students. He will also coordinate Olin's academic



Hugh: New UK director

programs in the United Kingdom, which include international study tours for undergraduate, graduate and executive program business students. In

addition, Hugh will provide liaison support to the business school's international programs in other European locations.

Hugh served most recently as project leader to launch a new recruitment division for Angela Mortimer Plc in London. He previously served as deputy director for the University of

London Careers Service, Britain's largest higher education careers service. With a master's degree in management science from Imperial College at London University and a bachelor's degree in natural sciences from St. Johns College at Cambridge, Hugh possesses a strong background in business and science. From 1987-96, he was managing director for Instant X-Rays Plc, which specializes in radiology and neurology medical services.

Lewis named director of law school's Legal Research and Writing program

After a national search, Jo Ellen D. Lewis, J.D., senior lecturer in law, has been named director of the School of Law's Legal Research and Writing (LRW) program.

Lewis has taught in the program for six years. In addition to teaching two LRW sections of first-year students, Lewis will hire and mentor new LRW faculty and work directly with the four other full-time faculty who teach LRW.

During the past few years, Lewis has expanded research



Lewis: Director of LRW program

classes for first-year students, developed a Web site for her LRW course and stressed the practical aspects of legal research and writing. Before

joining the law school, she specialized in commercial real estate law at the Washington,

D.C., firms of Tucker, Flyer & Lewis and Morrison & Foerster. She is a member of the bars in Maryland, Missouri and the District of Columbia.

Nationally recognized for her work in LRW, Lewis has made numerous presentations on pedagogical approaches to legal research and writing, ethics in legal writing and oral presentations based on legal research. She is serving on the planning committee for this fall's Central Region LRW/Lawwriting Skills Conference in Chicago.

Lewis earned a law degree from Georgetown University Law Center, where she served as executive editor of the school's American Criminal Law Review and as a head tutor for first-year law students. Previously, she earned master's and bachelor's degrees in education from the University of Missouri-Columbia. During law school, Lewis served as an intern for Montgomery County (Md.) Circuit Court Judge Irma S. Raker and as an intern and speechwriter for former U.S. Sen. Thomas F. Eagleton.

- Carla Bossola — lecturer, Italian;
- Kathleen Cook — academic coordinator, anthropology;
- Jill Hampton — lecturer, English;
- Brody Johnson — teaching assistant, mathematics;
- Annamaria Pileggi — senior artist in residence, performing arts;
- Susan Rollins — assistant dean and academic coordinator, Arts & Sciences;
- Jeff Smith — assistant professor, performing arts.

Washington People

From the first day students arrive at the School of Law, Mark Smith, J.D. '86, associate dean for student services, strives to get to know each one individually.

He introduces himself at the welcoming assembly; he wanders the halls, checking in with students as they change classes; he talks to them about what kinds of fields they are interested in. And, when the time comes, he takes the mystery out of getting interviews and parlaying an interview into a job offer.

"Dean Smith is absolutely wonderful," said Emily Kaplansky, J.D. '00. "I talked to him throughout law school about everything — my classes, my job search.

"He is very comforting because he is so accessible and because he gives students the tools to find a job and succeed. He put me in touch with several alumni who were helpful, and he put the interview in perspective



Mark Smith, J.D. '86, associate dean for student services at the School of Law, talks with student Kate LeBar. Smith worked five years at the St. Louis firm Bryan Cave before returning to the University.

Providing the tools for success

As the law school's associate dean for student services, Mark Smith, J.D. '86, has a proactive mentoring style

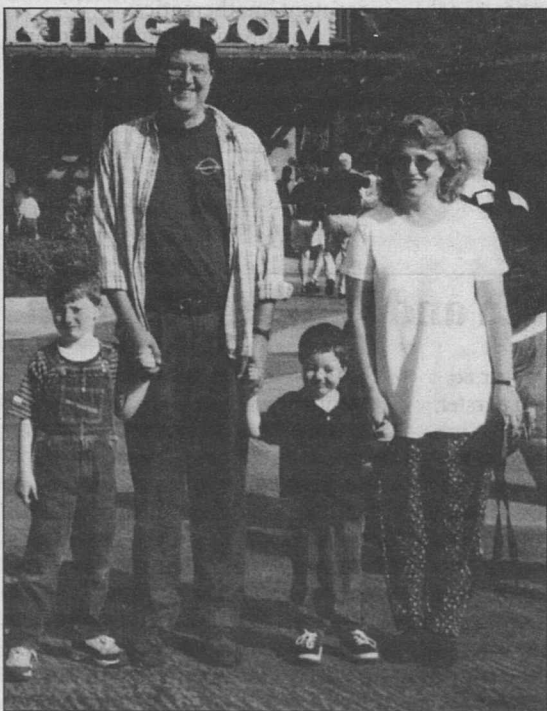
By DEB ARONSON

Mark Smith, J.D. '86

University positions: Associate dean for student services; chair of the Committee on University Policy and Practice Affecting Students With Disabilities

Education: A.B. cum laude, Harvard University, 1982; J. D., Washington University, 1986

Family: Married in 1994 in Graham Chapel to Lisa Braun; two sons, William, 5, and Michael, 3



Mark Smith and wife Lisa Braun enjoy a recent vacation to Disney's Animal Kingdom with their two sons, William (left) and Michael.

by comparing it to a first date. He took the fear aspect out of the whole process."

Dorsey D. Ellis Jr., J.D., the William R. Orthwein Distinguished Professor of Law, said, "From the moment he was hired (in 1991), Mark really made the office of assistant dean of students accessible to students, and he has always vigorously advocated for students." Ellis, who was dean from 1987-98 and hired Smith, added: "Mark still has a very student-oriented attitude. He's very approachable."

Since Smith was appointed associate dean of student services in 1998, he has focused on improving the career services students receive.

"Career services historically has been a weak spot, even when I was a student," Smith said. "We're trying hard to change that, and to give students specific advice about what they should do.

"For example, students need to start thinking of interviews as a presentation and concentrate on what points to cover. Legal employers have check sheets, and they grade you on specific qualities. You can't just say you are smart and work hard; you have to give specific examples."

He may be friendly, but Smith can also be tenacious, as when he networks nationwide with legal employers to educate them about Washington University law students.

"I am basically selling the law school to employers," Smith said. "I'm using data to convince lawyers that our students are as good as those at other schools they recruit from. I'm not a natural salesman, but I'm good at it because I believe in what I'm doing."

However, Smith notes it's not always an easy sell.

"Law firms are not quick to change, and public-interest employers and governmental agencies often have limited budgets," he said. "Hiring tends to happen in

committees, and they tend to go to the same law schools they've always gone to."

Although Smith meets initial resistance from some employers, he and his data have consistently convinced more and more firms to recruit at the University. Ellis said Smith's efforts are paying off.

"That office has really turned around in terms of effectiveness and students' perception of effectiveness," Ellis said.

When Smith moved to the

very important to them."

At Southwest High School, Smith was the only student to receive the Harvard Book award, given by the St. Louis Harvard Club.

"Manuel Ponte, the Harvard alumnus who presented me the award, strongly encouraged me to apply to Harvard," Smith said. "His own family had come from Portugal, and he was the first to go to college, so this started me thinking that maybe I could apply.

"I talked to him throughout law school about everything — my classes, my job search. He is very comforting because he is so accessible and because he gives students the tools to find a job ... He took the fear aspect out of the whole process."

EMILY KAPLANSKY

Career Services Office three years ago, one New York firm came to the law school to recruit, and no Washington, D.C., firms were recruiting here. Now, between five and 10 New York/D.C. firms, a Boston firm and a Portland firm regularly visit campus, Smith said. The number of governmental agencies has increased as well.

To better serve students, the school also doubled the number of professional staff members in the Career Services Office between 1998-2000, from two to four.

The added guidance is paying off. In the early '90s, only about 50 percent of University law students had jobs lined up at graduation. Now it's more than 80 percent. While part of that might be due to the strong economy, Smith is certainly partly responsible for the improvement.

Lifelong St. Louisan

Like many of the students he helps guide, Smith was the first in his family to pursue higher education. Although his parents hadn't gone to college and his father hadn't finished high school, there was never any question that Smith and his younger sister and brother would go to college.

Smith, who had always been interested in government and politics, also fully intended to go to law school.

"I had great parents," Smith said. "Family and education were

"Most kids at my school, if they went to college, stayed in state, and my counselors discouraged me. They kept pointing out that no one from Southwest ever even applied to Harvard."

Still, with his family's encouragement, Smith applied and was accepted at Harvard. He enjoyed his four years in Cambridge, Mass.

"Harvard was a great experience for me," Smith said. "It opened my eyes to so many new things."

But there was never any question in Smith's mind that he'd return to St. Louis. "I always knew this is where I wanted to be," he said.

After graduating from the School of Law, Smith worked five years at the St. Louis firm Bryan Cave, paid off his law school debts and bought a house.

"That's my parents' influence," Smith said. "They never borrowed for anything except to buy a home. I made double payments on my loans, and every bonus I got I put toward my loans. I was lucky. I got a good job that helped me pay it back. I didn't do anything frivolous, and I kept my debt down."

By 1991, Smith was ready to re-examine his life. "I liked the work I was doing at Bryan Cave, but I didn't love it," he said. "It was a very demanding lifestyle, and I knew I eventually wanted to marry and have kids."

And so he returned to the University, this time as assistant dean of students handling admissions, financial aid and the career center.

"It was weird because I'd been to law school here, and now my former professors were my colleagues," Smith said. "At that point, I was 31 and single. My life was much more similar to the students than to the faculty."

Smith has never lost that perspective. He always looks at things from the students' point of view. As assistant dean of students, he advocated for the students' even if that was sometimes in conflict with what the faculty wanted, Ellis said.

Kaplansky said, "Dean Smith is very good at keeping up with the students. People who need help don't always walk into career services, so he gets out and talks to students wherever he finds them."

'Colonel' Smith

Smith's St. Louis bonds run deep. His wife, Lisa Braun, is also a St. Louis native and is associate general counsel at the University. The couple and their two sons — their third child is due in July — live in the Holly Hills neighborhood of south St. Louis, and Smith is the president of their neighborhood association. He is also active in the Harvard Club of St. Louis and serves, fittingly, as chair of its book award committee.

In 1999, Gov. Mel Carnahan appointed Smith to the Board of Police Commissioners for the City of St. Louis. The group, essentially volunteers, meets every other week and handles all issues that arise in running the police department, including hiring and firing. Smith has ridden with police officers in all nine districts to learn more about their jobs and what should be done to make things better. He even has his own bulletproof vest.

Smith's laconic, thoughtful and modest attitude earns him respect and appreciation from students and police officers.

"Mark has a big collegial heart and lots of common sense," said Eddie Roth, police board president. "He's a real consensus builder because of his quiet, reasoned, intelligent approach. His having navigated both the blue-collar world of south St. Louis and the patrician halls of Harvard has enabled him to relate to people on all kinds of levels."

Of his work on the police board, Smith said, "It's very time-intensive, but very rewarding work. I really feel like I'm making a difference.

"Besides, the police officers call me 'Colonel Smith,'" he added with a grin. "That's even better than being called 'Dean.'"