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, P.Eng., McDowell Douglas Professor of Engineering and chair of mechanical engineering. "When he came to Washington University in 1946, he changed the department's name to 'mechanical engineering and aerospace.' He was an aerospace. When he retired in 1975, he went back to 'mechanical engineering.' He could have taught any course we offered here."

In 1936, Hohenemser earned a doctorate from the Institute of Technology in Darmstadt in 1929. From 1936-38, he taught and conducted research at the University of Gottingen 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 World War II 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 sponsor was Dr. H. Focke.

In 1938, the first practical helicopter, called the "Flettner Aircraft" was designed and reported to the German party. In 1939, 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 sponsor was Dr. H. Focke.

Like father, like son

"Our encouragement to everyone to join us at the carnival. It's going to be a lot of fun," said Sarah Johnson, member of the honorary. "We're very lucky to have 13 very talented 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 very lucky to have 13 very talented members are chosen on the basis of outstanding leadership, character and participation in campus activities."

Lead-poisoning fight championed by law's interdisciplinary clinic
By Anne 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-St. Louis) and Sen. Patrick Dougherty (D-67th District) are sponsoring the bills.

Last week, second-year law students Tiffany Meddaugh and Shannon Wohlan 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 recommended the bills be sent to the full Senate for approval. Together with Heather Broussard, 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 already there 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 knowledge — will help the carnival achieve its charitable goal.

"We encourage everyone to join us at the carnival. It's going to be a lot of fun," said Sarah Johnson, member of the honorary. "We're very lucky to have 13 very talented members are chosen on the basis of outstanding leadership, character and participation in campus activities."

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 in the three at the 2,000-acre biological field station about 30 miles west of St. Louis. Nature trails include tours of Mckee Hollow, Lyon's Crossroads Farm, and Coyote Pond, a natural loop. History trails include tours of the Mincke Hollow town, a Native American site, and the Mckee Farmhouse, a late 19th-century house student-teacher and the Mckee Fieldhouse, a 19th-century fieldhouse.

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 by law's interdisciplinary clinic.

Inside: Summer school offers array of courses over four different sessions

Washington People: Law's Mark Smith, J.D. '86, has a very student-oriented attitude

April 20, 2001
Khinduka installed as George Warren Brown distinguished professor

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.

Until this leadership, the school had seen one of the top-one percent of institutions in social work in the country and become a major force in social work research, innovative curriculum and fostering community self-determination.

"As dean, Shanti not only has played a prominent role in the development of this school for over 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 as lifting our visibility and building our identity as a major research institution.

"I feel very fortunate to be the one at the helm who will continue to have a significant role in the development of this school as we think about what it means for a school of social work to be a world leader."

Chancellor Mark S. Wrighton was joined by Chancellor Danforth, who hired Khinduka, Danforth's two daughters, Ahna and Seema, both students at Washington University, and a large group of alumni and friends who supported Khinduka's tenure.

"I am deeply grateful for the support of our students, faculty, staff and friends," Khinduka said. "I am also grateful for the support of the administration and the Board of Directors."
**Molecule that guides nerve cells also directs immune cells**

**By Gila Raicer**

Scientists have the first evidence that a molecule that instructs the growth of a tropical parasite, Leishmania, to infect humans is also used by the immune system to attract immune cells to the body's injured areas.

This discovery raises questions about the role of a molecule called Slit, which is known to attract leukocytes, white blood cells that fight infection. Leishmania, a parasite that causes a disease called leishmaniasis, has been shown to contain Slit-like molecules in its life cycles. Its virulence to human hosts is linked to the parasite's ability to produce Slit.

The new study, published in the online edition of the journal *Science*, shows that Slit is a chemotactic cue for both the nervous and immune systems. In the immune system, Leishmania uses Slit to direct leukocytes to infected areas. In the nervous system, Slit is used by growing nerve cells to find their way to their destination.

Scientists have known that Slit is critical for the nervous system's development. But this is the first time that slits have been found in organs other than the nervous system. Slit was first identified in organs other than the nervous system.

The researchers are also considering whether Slit can be used as a target for future therapies. Slit is a cytokine, a type of protein that regulates immune cell activity. It is also a growth factor, a type of protein that promotes cell growth and survival.

The researchers are now working on developing a Slit-like drug that could be used to treat infections caused by Leishmania. They hope to find a way to block Slit's activity in infected areas and prevent the parasite from spreading.
A priest and a ghost, a frozen lake. The stage is set for Peter Hanrahan’s surreal new play “Caught in Carnation,” which examines the lives and experiences that two men of the cloth have in wintertime New York.

Hanrahan, a former altar boy, said part of his motivation for writing “Caught in Carnation” was his hidden emotional lives of priests. “I guess I had a good view of priests,” he said of his childhood school days. “I felt that there’s so much at the altar and yet just people. There’s a strong element of confinement in the play.”

Hanrahan added. “Perry and Iker are caught in, both of them, 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 poetic, beautifully written story about love and guilt,” said Jerry Mulvaney, a first-year PhD graduate student who directs the five-member cast. Mulvaney, whose thesis involves studying working with playwrights at the Arts & Culture Theatre of Louisville, Ky., and the Steppenwolf Theatre in Chicago (where she also served as an assistant to actor John Malkovich), added, “Peter is one of the most emerging and exciting young writers that I’ve encountered. His words are so brazen and quicky that you think, ‘No one else could write like that.’”

“The action and the text are very dense, and we want to make sure the dialogue elements won’t Act, distracting,” Mulvaney noted, explaining her decision to employ a simplifying, anti-act style. “The story is so self-contained, the characters so complex and so tumultuous and we also felt it was important for the audience to be able to see them from all sides, unobstructed — almost caught on stage.”

Costumes, lighting and sets are being designed by senior class of 1996 visual arts majors Annie Portnoy and Laura Hanrahan, the latter a former altar boy. Perry, despite his senior citizen, and $12 for the general public — are available at the Edison Theatre Box Office (935-4543) and all MetroTix outlets (534-1111). For more information, call 935-6043.

“Caught in Carnation”

WHERE: A.E. Hotchner Studio Theatre, Millikin Auditorium
WHEN: 8 p.m. April 25-27; 2 p.m. April 28-29
TICKETS: $5 for University faculty, staff and students and senior citizens; $12 for the general public; available at Edison Theatre Box Office (935-4543) or MetroTix outlets (534-1111). For more information, call 935-6043.

Tuesday, April 24

Tuesdays at the School of Social Work lecture.

Spernoga). Perry, despite his Father Iker (senior John

sent by the archdiocese to succeed the arrival of young Father Perry developing and refining their plays are chosen one year before Tuesday, April 24

12:30 p.m. School of Social Work lecture.

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Thu., May 1
8:45 a.m. — Speaker: Robert Paulus. "The airport will no longer be the world's last frontier." Awaiting session. St. Louis. (For more, call 314-935-5555.)

April 12
12:15 p.m. — A student stated that two people were attempting to solicit magazine subscriptions and were acting suspicious. There were similar reports in the past from the Broadmoor. The suspects were later identified and warned by the University police department not to harass a student who issued a trespassing warning.

April 14
12:00 p.m. — A student reported his 1989 maroon Volkswagen missing from his parking spot outside of Bear Creek. Total loss is valued at $4,528.

April 15
9:30 a.m. — A professor stated that between 12:30 p.m. and 9:30 a.m. April 16, an unknown person entered his locked office in Biggley Hall Room 344A and took a laptop computer and docking station that was sitting on the table.

April 16
Saturday, April 20
11:30 a.m. — Catholic Mass. Catholic Student Union, 6020 Forsyth Blvd. 935-8191.
6:30 p.m. — Mission Friday prayers. Includes prayer and service project. Lambert Center, 6352 Forsyth Blvd. 935-2473.

Sunday, April 21
11:15 a.m. — Catholic Mass. Catholic Student Union, 6020 Forsyth Blvd. 935-8191.
6:30 p.m. — Mission Friday prayers. Includes prayer and service project. Lambert Center, 6352 Forsyth Blvd. 935-2473.
Thirteen-year-old train enthusiast
people putting this together, and
we think it's going to be a great
event." As has been tradition, the
honorary will present awards
Saturday. The event is the best
set construction, best food and
best Chili Cook-off. Chancellor's
Charity Cup, for the
student group that raises the
most money for a Make a
Difference Center, and the
coveted
build and overall participation in
the carnival, will be presented.
The first "Superior Surrake,"
Thirteen's predecessor, was held
in 1907. The seven-hour festivale
ran much like a real circus and
featur ed sideshows and a main
attraction. General admission
was 10 cents, sidekicks were a nickel
and proceeds went to the University's
athletic fund. The sale of 400 made the event a
roaring success.
"We encourage everyone to
join us at the carnival," Johnson
said. "It's going to be lots of fun."
School of Business recognizes four alumni, Olin Foundation

By Robert Berringer

The Olin School of Business honored Donald R. Morgan and St. Louis' M. Olin Foundation at its 15th annual Distinguished Alumni Dinner Tuesday at the Ritz-Carlton in Clayton. Morgan, John F. Danahy, Alvin Goldfarb, and Cuba Danahy received Olin Foundation awards for having attained distinction in their careers. The Olin School's Dean's Medal for exceptional contributions to the school. Stuart I. Greenbaum, Ph.D., director of the Olin School, presented the award. Through its $15 million challenge grant in 1987, the Olin Foundation not only gave the University's business program in 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 attract recruiting high-quality faculty and students, enriched academic and executive programs, and helped establish the Business, Law and Economics Center as well as what is now the Center for Experimental Learning and Teaching. The foundation also endowed a John M. Olin Distinguished Professorship of Business, Law, and Economics.

William W. Canfield, who earned an MBA in 1962, in chief executive officer and chairman of TALX, a $42 million application services company based in Maryland Heights. The firm offers human resource and payroll employee self-service solutions. His focus, people skills, and organizational skills have brought him success throughout his career. Canfield worked for several years as a systems engineer at IBM before joining TALX in 1981. He initiated the "Work Number for Everyone," which he still uses to evaluate employment-verification system has been used by more than 100 companies to verify employment records for more than 40 million people. Canfield has also significantly involved in the construction of the Kern River Project, a $1 billion, seven-year undertaking featuring a first pipeline constructed directly out of the Rocky Mountains and into southern California. He was also significantly involved in the development of an Alaskan gas pipeline in the late '70s and early '80s.

John F. Danahy earned an executive masters of business administration (EMBA) degree in 1985. Since 1977, he has been chairman of Famous-Barr Co., the St. Louis-based division of May Department Stores Co. with annual sales of $5.5 billion and 43 stores in seven states. Danahy rose through various positions in computer services, moved to a corporate position in St. Louis in 1985, and was promoted to senior vice president in 1994.

Alvin Goldfarb left the business school in 1937 to work in his family's Louis-based garment-manufacturing business, largest higher-education careers 15th annual Distinguished Experiential Learning. In 1996, John M. Olin Distinguished Alumnus Award. Emily Olin, who died in 1990, was a fashion designer and the Alvin Goldfarber later provided the naming gifts to the University for the Jeannette Goldfarb Plant Growth Facility; the Alvin Goldfarb Auditorium; Alvin Goldfarb Hall; and the Alvin Goldfarb Professorship of Constitutional Biology.

Cuba Washington 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, the nation's largest transporter of natural gas. In 1979, he was named president of the company in 1979 as director of regulatory affairs, worked his way up through the company. He has held many chief executive positions throughout his career, including overseeing the company's growth and development of a natural gas pipeline in the late 70s and early 80s.

Washington University has received a National Institutes of Health grant to support summer undergraduate research fellowships for 10 students majoring in engineering, physics or other physical sciences. The funding, $32,000, will allow students to participate in biomedical research with selected mentors in numerous scientific fields.

Jay W. Heinecke, M.D., professor of medicine in internal medicine, received the Pocher/Levy Award in 1996. Lewis named director of law school's Legal Research and Writing program

Olin School appoints director of European Programs in London

The Olin School of Business has appointed Nicholas S. Hugh Lewis as director of European Programs in London. He will develop and supervise internships and small-group projects for both undergraduate and graduate business students. Lewis also coordinate Olin's academic programs in England, France, Germany and the United Kingdom.

In addition, Hugh will provide leadership on the business school's international programs other European countries. Hugh served most recently as project leader to launch a new recruitment division for Augusta Montana PLC in London. He previously served as dean of the University of London's Careers Service, Britain's largest careers service.

Hugh: New UK director

Washington University in St. Louis

Washingotn University in St. Louis

Notables

April 20, 2001

Outstanding Notables 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. The awards were (left-right) David A. Bates, professor and associate chair of psychology; Stuart H. Braude, lecturer in biology; Michael L. Gross, professor of chemistry; Robert Helig, professor and chair of comparative literature; and Donald F. Partlow, professor of anthropology. 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 Pudry, senior in Arts & Sciences, honored with 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 has exhibited exceptional potential for leadership.

Gaywadi Krisna, senior in Arts & Sciences, was recently selected by the Center for Studies in Value of College Student Development for an essay award-winner program essay. She has participated in the Gray, Politics, Stereotypes, and Social Class in the Journal of College and the Character. The prize is given for outstanding research and writing at the John Templeton Foundation.

Kenneth M. Ludlum, M.D., professor of medicine in internal medicine, received the John M. Olin Distinguished Alumnus Award and as a head tutor for first-year students. In 1997, he founded Worths, a garment-manufacturing business. In 1979, Goldfarb and his wife, Jeanette, founded the Jeanette Goldfarb House, home for under-

Student Development as a senior 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.

To press

Elizabeth C. Childo, Ph.D., associate professor in Arts & Sciences, recently published several essays concerning diversity in the arts. Her essay "The Colonial Lemn: Galileo's Galilei and Photography in the fin-de-siecle" appeared in the anthology "Policing the Boundaries of Modernity: Antimodernism and Artistic Experience," edited by Lee H. Bass. Childo's essay "Seeking the Studio of the South: Viscous Identity" appeared in the exhibition and will give three public lectures at the University of Missouri-Columbia April 9. He also spoke on CIAM, the international architecture program at the University of the Arts.

Notable guidelines

Send your full name, title(s), department(s), phone number and degree(s), along with a description of your work, to: Notables, c/o Jessica Roberts, missouri_notables@wustl.edu. For more information, call 935-5293.

Speaking of

Eric Mumford, Ph.D., assistant professor in the School of Architecture, spoke on "CIAM and the Institutionaulization of Modern Architecture" at the Department of Architecture at History of the University of Missouri-Columbia April 9. He also spoke on CIAM, the international architecture program at the University of the Arts.

Arts & Sciences Council honors 10

University students honored 10 favorite professors and teaching assistants with the annual Arts & Sciences Council's Faculty Awards Recognition Ceremony April 10. Recipients were chosen from about 75 nominations and then ranked by a four-member panel specially appointed to honor the honorees.

Award winners are: 
• James Ake — lecturer, English; "Searchable Arthistory — teaching assistant, human evolution; for teaching a student with disabilities, the Spring 2001 "Global History 101: What is History?" course".


Washington University has received a National Institutes of Health grant to support summer undergraduate research fellowships for 10 students majoring in engineering, physics or other physical sciences. The funding, $32,000, will allow students to participate in biomedical research with selected mentors in numerous scientific fields.


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D.C., firms of Tucker, Flyer & Lewis and Morrison & Foerster. Lewis graduated from the University of Missouri-Columbia. Lewis served as an intern and speechwriter for former U.S. Sen. Thomas F. Eagleton.
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, 1980; 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.

"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," Denise D. Ellis Jr., J.D., the William R. Orschell Professor of Law, said. "Without the presence of Mark and his work (in 1991), Mark really made the office's assistance 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 with what the finally student-oriented attitude. He's very approachable."

Since Smith was appointed associate dean of student services in 1996, 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 on 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 the basic qualifications. You can't just say you are a good lawyer and expect them to give you specific examples."

"He may be friendly, but Smith can also be temperamental," 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 have the 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 making sure that students believe what I believe in."

Career Services Office three years ago, one New York firm came to the law school to recruit, and no Washington, D.C., firms did. "I made the connection 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. Louis

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 very important to them."

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

"At my high school 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.

Smith said. "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 what was in the future."

Smith has never lost that perspective. He always looks at things from the students' point of view. As assistant dean, of students, he has actively worked if that was sometimes in conflict with what was "I believe in what students want, and I understand their perspective. As assistant dean of students, he wanders students as they change classes; he talks to them about what kinds of fields they are interested in. And when the times 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. ... He took the fear aspect out of the whole process.""