Snakes alive! Susan Tanke-Much, part-time assistant instructor in the Field Science Program at the University's Tyson Research Center in West St. Louis County, shows a young python to students Klara Ball (left) and Erica Eden. Klara and Erica are from Clay Community Education Center in St. Louis, and, along with their classmates, spent Thursday, Nov. 4, learning about a wide range of fauna at Tyson. The Field Science Program, directed by Janice Stark, reaches out annually to thousands of St. Louis Public School students — 6,882 in 1998-99 — with challenging wildlife lessons and experiences.

Biomedical engineering gets new home
Uncas A. Whitaker Hall groundbreaking in fall 2000

By TONY FITZPATRICK

Uncas A. Whitaker Hall will provide $10 million toward the construction of the biomedical engineering research and teaching. Groundbreaking is scheduled for fall 2002. The facility will be named the Uncas A. Whitaker Hall in recognition of The Whitaker Foundation’s long-term support of Washington University’s scientific research and education, coupled with the recent receipt of two major grants for the Department of Biomedical Engineering. Chancellor Mark S. Wrighton has announced plans to construct a building to house biomedical engineering research and teaching. Groundbreaking is set for the fall of 2000 with occupancy scheduled for fall 2002. The facility will be named the Uncas A. Whitaker Hall.

By BARBARA REA

Dorsey Ellis installed as Orthwein professor

By BARBARA REA

Washington People

By BARBARA REA

Washington University in St. Louis

Washington People: Steven Fazzari, Ph.D., is reshaping economic thought

Medical News: Transplants with well-matched kidneys decrease costs

Inside: Renowned Toronto Dance Theatre to make St. Louis premiere at Edison
State of the University reviewed with neighbors

Residents of nearby neighborhoods heard Thursday, Nov. 4, a presentation by Chancellor Mark S. Wrighton that the University's present projects and future plans. Setting the tone for the evening's meeting with you is an important point. The audience asked for ongoing, regular communication and asserted that the coalition seeks a "win-win" solution for both the University and the residents in the resolution of long-standing disagreements over parking.

Numerous other neighbors stood to question Wrighton about parking. Several speakers urged that students and staff not park off campus if parking fees were reduced or eliminated. Considerable mis-information surfaced; one speaker had been told by a staff member that the annual parking rate is $1,000. The chancellor corrected this misconception, noting that no campus parking costs $1,000 and in fact some parking is available for as little as $60 a year.

Wrighton explained that the parking fees pay for maintenance of campus lots and garages. The University also seeks to discourage single-occupancy vehicle use among faculty, staff and students in hopes of making a positive contribution to cleaner forms of travel.

He pointed out that the University has no authority to prevent people from parking on public streets.

The meeting, which began at 5:30 p.m., lasted well past 7:30 p.m., as a member of the audience took advantage of the opportunity to chat with Wrighton following the presentation and the group discussion.

Ellis

Installed as first Orthwein Professor

Before that, he practiced law in New York.

The elder Orthwein received a bachelor's degree from Yale University in 1903. Returning to St. Louis, he earned a law degree in 1905 from St. Louis Law School, which later became Washington University School of Law. He was appointed to the law school's board of directors before his installation Nov. 3.

After graduation, Orthwein practiced law in St. Louis. In 1916, he became vice president and counsel of the Knolich, Telle-Abeles & Knolich law firm. In 1923, he founded the Orthwein Independent Telephone Co., the first independent telephone company in America to operate under the name of the AT&T Bell in 1923. He helped create the city's Legal Aid Society and served as its president. In 1938, he was elected president of the St. Louis Lawyers Association. As a leader in the Republican Party, he was active in politics, running for office at the local and state levels. He served the Second Presbyterian Church of St. Louis as a deacon and vice president of the Board of Trustees. He was a member of the American, Missouri and St. Louis bar associations.

William B. Orthwein Jr. follows in his father's footsteps as a distinguished citizen of St. Louis. His distinguished contributions to St. Louis were recognized in 1951 by the National Academy of Sciences in recognition of his contributions to the nation's health and welfare.

In addition to the distinguished chair, the Orthweins have supported the law school through contributions to the Dorsey Ellis Scholarship Fund.

"We have been special benefactors of the Orthweins' vision and generosity," noted Joel Seligman, J.D., law school dean. "Scholarships and endowed chairs greatly enhance our ability to attract talented law students and attract and retain outstanding professors. We are greatly honored to have an endowed chair associated with such a distinguished family. Dan Ellis's contributions to the School of Law are just one example, and I can think of no one more worthy of his name.

In addition to their gifts to the University, the Orthweins have given generously to the Missouri Botanical Garden, the St. Louis Symphony Orchestra, Roman School, The Saint Louis Art Museum and the Missouri Historical Society. The latter institution recently dedicated its new Orthwein Plaza at the museum in Forest Park. Another recent gift, to the University of Missouri-St. Louis, has created the William R. Orthwein Jr. Professor in Life-Long Learning in the Sciences, which fosters technological and scientific development for adults and teachers.

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Well-matched, locally allocated kidneys require less long-term care

John McDonald identified for spinal cord injury research

John W. McDonald, M.D., Ph.D., has received the 1999 L. W. Freeman Award from the National Spinal Cord Injury Association (NSCIA). McDonald is a professor of neurology at the School of Medicine and director of the Spinal Cord Injury Unit at the medical school and Barnes-Jewish Hospital.

The award is given annually for the first article published in regenerative cord injury or disease. The association, located in Silver Spring, Md., recognizes papers that serve people with spinal cord injuries.

"Dr. McDonald stood out from the other young, cutting-edge researchers in our field," said Charles J. Martin, M.D., Ph.D., the James S. and Leonice D. McNamara Professor of Neurosurgery, former chair of the University's neurosurgery department and current clinical director of the division of neurosurgery.

McDonald, who has been a Phi Beta Kappa graduate throughout his undergraduate and graduate studies, was one of the first to demonstrate the potential of embryonic stem cell therapy for the treatment of spinal cord injury, since 1995.

To this end, McDonald has been involved in several calls a month from patients, parents and spinal cord injury organizations on the West Coast, who will attach experimental injection to the spinal cord or injuries. Their group is the first to investigate the use of embryonic stem cells in the treatment of spinal cord injury, since 1995.

McDonald was developing ways to transplant embryonic stem cells into the injured spinal cord. "We are using these cells to create new circuits and rejuvenate damaged circuits within the cord," he said. "We are trying to make the cells more efficient and reduce the number of mismatches required to rewire the cord."

McDonald "has contributed greatly to the field and we are looking forward to our continued relationship with him," said Edward H. H. Mansfield, M.D., Ph.D., the James S. and Leonice D. McNamara Professor of Neurosurgery. McDonald received a bachelor's degree in neuroscience in 1989 and a medical degree in 1992. He received a fellowship in neurosurgery in 1992 and a fellowship in neurology in 1993. He is currently an assistant professor in the University of California, San Francisco, Department of Neurosurgery, and an assistant professor in the Department of Neurology, at the University of California, San Francisco.

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Welch receives $3.8 million grant to produce radioactive elements for imaging studies

Michael J. Welch, Ph.D., has received a five-year $3.8 million resource grant from the National Cancer Institute. The grant will allow Welch to expand the potential of low-energy radioactive elements for use in imaging and therapeutic studies.

The need for a national radio resource grant from the Institute of Medicine, which reports to Congress about research issues, Los Alamos and Brookhaven national laboratories, in New York, and the University of California, Berkeley, will provide an important way of producing radiopharmaceuticals that can zero in on breast and prostate tumors.

"U.S. Department of Agriculture scientists, who will evaluate uptake and transport of radioactive compounds to internal and other cells in test tube experiments to determine how consumption of another metal, zinc, retards the body's ability to absorb and retain copper.

"Medical school scientists, who will determine whether copper is involved in neurodegenerative disease."

Most of the collaborative research will be performed in the Division of Radiological Sciences with a microPET scanner that can image rodents. This is the second such scanner available commercially in the country. Injected into the body, the radionuclides function like a pen light in a dark cave, highlighting metabolic processes or physical interactions in the body that otherwise are difficult to study.

The requests for radionuclides followed the 1997 publication of Welch's article about a simple production method his division developed in collaboration with Newton Scientific Inc., a biotechnology company. Currently Welch's team uses the method several times a week to generate radioactive copper using two small cyclotrons. The grant will allow the team to streamline production and increase the number of radiouclides produced. "We've even worked out ways to recycle the compound that you irradiate in order to produce additional radioactive, Welch said, noting that this is not done elsewhere routinely.

In addition, the researchers will investigate new radionuclides that produce radiation in the body longer or highlight different biological processes than traditional radionuclides. Research scientist Deborah W. McCarthy, Ph.D., will lead the effort to develop new radionuclides. And P. Duffy Collier, Ph.D., an assistant professor of radiology, will direct a project to determine how to adjust the microPET scanner settings used with these experimental radionuclides.

Mark A. Green, Ph.D., a medicinal chemist at Purdue University involved in a collaborative project to image ovarian cancer, said, "This grant effort will open up a much broader spectrum of radionuclides as candidates for use in imaging and eventually for use in clinical research and patient treatment."

The MicroPET project was supported by the National Institutes of Health, the National Science Foundation, the National Cancer Institute, and the American Cancer Society.
Exhibitions

Fine Arts Council exhibit: School of Architecture, Dept. of Art History and Architecture. 9:30-7:30 p.m. 5-7 p.m. 1st floor Helmhall.


"Wolfgang and Ludwig—An Inheritance From Their FRIENDS." Featuring 60 works and illustrations of music by Mozart and Beethoven. Through 12-noon, 5th floor, Blume.

Wednesday, Nov. 17
7 p.m. Filmboard Feature Series. "Sneakers" (Charge). 9:45 p.m. First run. $3.00. Room 100 Brown Hall. 935-5983.

Thursday, Nov. 18
7:30 p.m. Modern Art on Film. "Tom Gunning," a video of art history, will introduce four sound films, "La Dolce Vita," "Go Tell It on the Mountain," "Ghosts Before Breakfast," and "Memories of the Arlington." Show time 10:45 p.m.

Friday, Nov. 19
7:30 p.m. Filmboard Feature Series. "The Night Visitor." First run. $3.00. Room 100 Brown Hall. 935-5983.

Film
Thursday, Nov. 11
7 p.m. Sondheim Series. "Guys and Dolls." Auditorium, 935-5983.

Friday, Nov. 12
7 and 9:30 p.m. Filmboard Feature Series.

Lectures
Thursday, Nov. 11

Friday, Nov. 12

Weekend, Nov. 19-21
4 p.m. Chemistry seminar. "14-3-3 Signaling—Regulated by Protein Kinases?" Brenda J. Ramsay, prof. of biochemistry, Boston U. Cori Aud., 4565 McKinley Ave. 747-0359.

Saturday, Nov. 20

Monday, Nov. 21

Tuesday, Nov. 22
2 p.m. Physics colloquium. "14 Isoelectric Points of the Acidic Protein in the Human Malaria Plasmodium Falciparum." Steven M. Block, prof. of biology, Howard Hughes Medical Inst. 935-6430.

Wednesday, Nov. 23

Thursday, Nov. 24

Friday, Nov. 25
4 p.m. Chemistry seminar. "14-3-3 Signaling—Regulated by Protein Kinases?" Brenda J. Ramsay, prof. of biochemistry, Boston U. Cori Aud., 4565 McKinley Ave. 747-0359.

Saturday, Nov. 26
Multimedia artist working with students to unveil dramatic outdoor video projection

BY EMIL OTSEN

Internationally renowned multimedia artist Judith Barry will work with School of Art students this fall to unveil an interactive video installation on the university's Arts & Sciences Century Club site.

The piece, titled “First and Third,” presents a series of interviews with “other,” or Third World, Americans and is intended to help the immigrant experience. The work is projected on a plywood box video projector, which, unlike a film projector, does not cast a shadow. Barry’s images are expected to appear in true color.

Before unveiling, Barry will speak about her work as part of the art school’s lecture series. The talk begins at 7:30 p.m., Dec. 17, in Sebrell Hall Auditorium. The unveiling takes place immediately afterwards at 9 p.m. at the Media Arts Alliance Lab, located in the A.D. Brown Building.

“First and Third” has been installed at some of the most prestigious institutions in the world, including the Metropolitan Museum of Art, the Museum of Modern Art, New York; the Museum of Contemporary Art, Chicago and the Museum of Contemporary Art, Los Angeles. Barry’s work also has been widely exhibited abroad, including Palazzo delle Esposizioni, Rome; the Bienvenue; the Nagoya Biennale; Japan; and the 22nd International "II.M. Seebohl," and Roger Beachy, chief scientist, Monsanto Co., and symposium lecture.

Music

Saturday, Nov. 19
5:30 p.m. Washington U. Thanksgiving showing.

Performance

Friday, Nov. 19
7:30 p.m. Volleyball Bears performance.

Football finishes season with win

The football team wrapped up the 1999 regular season with a 23-16 victory over the University of Colorado at Boulder Nov. 14 at Colorado Springs. The Bears, who won their first-ever outright University Athletic Association (UAA) title last week, finished the season with an 8-2 record and keep alive their hopes of winning the NCAA Division III title.

Men’s soccer hosts Webster

The men’s soccer team defeated Washington U. Saturday for the second straight year and加拿大的大学。

Men tankers down Sewanee

The men’s swimming and diving team improved its dual meet record to 4-1-2 with a 218-99 win over the University of Mary Washington Saturday. For more information, please visit the Media Arts Alliance Lab.

Sports

Friday, Nov. 12
7-9 p.m. Swimming and diving.

Saturday, Nov. 20
9-11 p.m. Washington U. Thanksgiving showing.

Sunday, Nov. 21
3-5 p.m. Washington U. Thanksgiving showing.

And more ...

Thursday, Nov. 11
6-8 p.m. Creative Writing Program Visiting Writer Series reading.

Wednesday, Nov. 17

Tuesday, Nov. 16
5-7 p.m. STANDUP comic. (In downtown St. Louis.) 308 S. Wabash Ave. To register, call 747-1522.

Monday, Nov. 15

Dr. Imelda Clarke, the winn...
Clinic
Disciplines combine on environmental issues

(adapted from page 1)

Lipnic, who holds a joint appointment as a law professor and the School of Engineering and Applied Science, said the new approach makes sense. "Environ-
ment is an area that needs multidisciplinary approach," she

Lipnic said. "The clinic will enable students from a variety of

Second-year law student Laura Robb, who is working with the
group to get the clinic up and running, is enthusiastic about the

"Having worked for an environmental

ing law firm, I know a lot about the technical side of environmental problems," said Robb, who has a master’s degree in environmental engineering and planning to pursue a career in environmental law. "The clinic offers a way to tackle environmental issues from such a broad perspective and become part of the

Beginning in spring 2000, the clinic will open each semester in eight-week sessions. The combination of eight students from the School of Law and the Environmental Studies Program in Arts & Sciences, the students will work with the law school’s clinical staff, attorney, J.C. Lipton, and Lipnic.

Judith Coyle, affiliate professor of environmental engineering who will direct the engineering and environmental science students as the clinic’s staff scientist, said the engineering and science students will "find a lot of new ways to work with

"As much as attorneys hire an engineer to give them a legal opinion in preparation for their cases," Coyle said. "Their technical support could help the clinic with faith-

related information about designing or doing computer modeling to predict the move-

ment of contaminants in the environment.

The actual concerns addressed will depend on which law student concerns that come in, but Lipnic anticipates the clinic being especially useful in cases that directly affect health. "Studies show St. Louis children exposed to lead have one of the highest rates of lead poisoning in the country," she said. "Environmental prob-

lems such as air pollution or water pollution, and agricultural and industrial sources of water pollution are also prevalent in our region.

With the exception of federal attorneys prosecuting environ-

mental crimes, there is no
government attorney representing the "public interest standpoint on environ-

mental issues in the St. Louis area. Only a very small number of private attorneys occasionally represent environmental organiza-

tions on a non-fee basis."

An 11-member Community Advisory Board currently is helping the clinic define its goals and objectives, and spread the word about its services. While the clinic officially will open in January, Lipnic and Coyle will begin discussing environmental concerns with potential clients this month.

"The Advisory board is enthusiastic about the potential role the clinic will play in filling a vacuum in the environmental arena," said D.D. Danforth, board chairman and St. Louis attorney. "Too often, individuals and nonprofit organizations are prevented from pursuing remedies to environmental problems due to their lack of resources. We hope the clinic will be a great learning experience for the students and a mechanism for leveling the playing field when it comes to environmental policy and enforcement."

Board member Gloria Drake, case manager at Mother’s Way, a nonprofit, welfare-to-work program in St. Louis, said many of her clients live in environ-

mentally contaminated areas. "Whether it is needs and other tvs in the alves, landhold-

ing tenants or their children have asthma due to pollution," Drake said. "Low-income people often don’t know how to try to correct the problem and they feel they can’t afford to hire an attorney to address these issues. The new clinic will give them somewhere to turn and provide them with the information and help they need."

Advisory board helps clinic in efforts

A 11-member Community

Advisory Board whose members have a commitment to and recognized experience in community health/environmental protection and environmental justice. The board is made up of five members of the University of Missouri School of Law and the College of Arts and Sciences and an alumnus of the law school’s National Council; Nick Penman, recently retired executive director of Grace Hill Neighborhood Development and St. Louis County resident active in community health/environmental issues; Angela Reiff, social worker and citizen of the College of Social Work; Lewis G. Green, St. Louis attorney and a founder of Missouri Coalition for the Environment; Chris Foster, executive vice president of Public Service Company of Missouri. The board will meet monthly to review the clinic’s performance.

The clinic’s faculty director is Gloria Drake, St. Louis City resident active in community health/environmental issues; Chris Foster, executive vice president of Public Service Company of Missouri; Lewis G. Green, St. Louis attorney and founder of Missouri Coalition for the Environment; Chris’s Metro H.O.P.E.; Fred Lefsetz, environmental engineering professor at the Missouri Department of Natural Resources; Sandy Moore, CEO of the Family Investment Trust; Angela Reiff, social worker and citizen of the College of Social Work; Nick Penman, recently retired executive director of Grace Hill Neighborhood Development and St. Louis County resident active in community health/environmental issues; and Lewis G. Green, St. Louis attorney and a founder of Missouri Coalition for the Environment.

Whitaker
Building for biomedical engineering planned

(adapted from page 1)

George Eberle, former director of Green Hill Neighborhood Services and vice chair of the Community Advisory Board for the School of Law’s new interdisciplinary Environmental Clinic, discusses the clinics’ legal and technical role the clinic will play in filling a vacuum in the environmental arena," said D.D. Danforth, board chairman and St. Louis attorney. "Too often, individuals and nonprofit organizations are prevented from pursuing remedies to environmental problems due to their lack of resources. We hope the clinic will be a great learning experience for the students and a mechanism for leveling the playing field when it comes to environmental policy and enforcement."

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Third-year medical student Robert Kroby received the St. Louis County Medical Association Scholarship for the 1999-2000 academic year.

Barnes A. Seaboe, Ph.D., the Albert L. and Louise T. Greenfield Professor of Mechanical Engineering, recently organized and hosted the 1999 Air Force Office of Scientific Research Computational/Grantors Meeting in Computational and Applied Mechanics. The informal, round-the-clock meeting, held in the University's Lephtali Auditorium, was attended by about 50 researchers from across the United States and featured opening remarks by Theodore J. Cicero, Ph.D., vice chancellor for research.

Work by William Kohn, professor emeritus of art, was featured in an exhibition presented by the Hot Springs Arts Cooperative in Hot Springs, Ark. His foot-by-30-foot canvas "The North Rim and the Bright Angel" (1992), which depicts the Grand Canyon, was purchased for the Hot Springs Civic and Convention Center, where it will remain on view as part of the permanent collection.

An exhibition of sculpture by Michael Rees, lecturer in art, will open Nov. 19, at St. Louis' Forum for Contemporary Art. The exhibit, titled "Artificial Sculpture," examines Rees' cutting-edge use of a technology known as rapid prototyping, which allows him to design, sculpt with a computer-aided design program and have the components fabricated by industrial contractors.

On assignment

"Time to Heal: American Medical Education From the Turn of the Century to the Era of Managed Care" (Oxford University Press, 1999) in order to improve U.S. medical care in the new millennium, we need to step back and take a look at past, writes Kenneth Ludmerer, M.D., author of the just-released book, "Time to Heal: American Medical Education From the Turn of the Century to the Era of Managed Care.

"As a result of managed care, the average length of an outpatient physician visit is six minutes," said Ludmerer. "During this six minutes, the doctor is expected to take a history, perform a physical examination, determine the diagnosis, figure out next steps, write a prescription, counsel and comfort, answer questions, and then write it all up in the chart. I think everyone knows this requires more than six minutes of patient-doctor time."

Ludmerer’s book, published in October, provides a panoramic view of American medical education from the beginning of the 20th century through the current era of managed care. In addition, the book describes the disturbing effects of recent trends in the patient-doctor relationship, teaching, research and patient safety. Ludmerer suggests alternative strategies that would better serve the public interest.

Reports of 70 or more are not unheard of. "If the managed care philosopher is putting pressure on the doctor to serve the organization (or system, insurer, HMO...) better, then the patient, before the patient,” Ludmerer said. "If we’re to have quality medical care in the 21st century, we need to stop squeezing time out of the doctor-patient relationship and allow physicians to retain their role as patient advocates."

Ludmerer’s book was a finalist in this year’s Pulitzer Prize competition.

Alumni

Chancellor’s home honors Harbisons — from page 1

"The Harbisons are longtime University supporters, Earle Harbison’s involvement spans four decades, begins with his tenure as president of the Washington, D.C., Alumni Club. He has served as a member of the Board of Trustees since 1993. He was a member of the Board’s Steering Committee for Project 21, the University’s long-range strategic planning process. He is chair of the Arts & Sciences National Council and is directing the Arts & Sciences component of the Campaign for Washington University, the current fund drive.

Suzanne Harbison has served as a volunteer in the Alumni and Parents Admission Program and has been active in campus treatment day activities. Earle is a graduate of the College of Arts & Sciences; Suzanne is a graduate of the School of Business. Over the years, the Harbisons have given generously to the University, as life patrons of the William Greenleaf Eliot Society, in support of students and members of the Danforth Circle and as supporters of the Scholars in Arts & Sciences program. In 1999, the University gave Earle Harbison’s University’s first endowed position for junior faculty, the Earle H. & Suzanne S. Harbison Fellowship in Art & Sciences.

Earle Harbison retired as president and chief operating officer of Monsanto Co. in 1993. Currently he is chairman of the Harbison Corp., which manufactures molded plastic products, and of Ever Corp., an aluminum container company. He serves as director on board or member board for several civic and corporate organizations, among them Barnes-Jewish Hospital, the Regional Commerce and Growth Association, the Missouri Historical Society and the Municipal Theater Association. The Harbisons have received a number of honors in recent years for his efforts to preserve the region, including the Sold on St. Louis Award, the Right Arm of St. Louis Award, the Community Leadership Award and the Missouri Governor’s Leadership Award for Outstanding Contributions to the Economic Development. The King of Belgium designated him a Commander in the Order of the Crown.

Suzanne Harbison is a community volunteer who most recently was a finalist for the 1998 “Cachet the Spirit” dinner dance and auction to benefit the Mental Health Association of Greater St. Louis. A year earlier, she and her husband were named recipients of the “Silver Bell Award,” the association’s highest honor. She also is an alumnus of Mary Institute/Country Day School.

"There weren’t a more fitting name for the chancellor’s residence than the Earle H. Jr. and Suzanne S. Harbison House,” said John F. McDonnell, chairman of the Board of Trustees. “The Harbisons are distinguished citizens of St. Louis, highly respected by all. Their contributions to Washington University — financial and otherwise — have been important elements in the University’s progress.”

Campus Authors

Kenneth M. Ludmerer, M.D., professor of medicine

Time to Heal: American Medical Education From the Turn of the Century to the Era of Managed Care

Obituaries

John Russo, longtime law school staff member

John Anthony Russo, duplicating services technician at the School of Law for more than 20 years, died Monday, Nov. 1, 1999, at the BJC Extended Care Facility in Clayton. He was 71.

Russo, who worked in the law school’s Support Services center until he became ill in August, had been eager to return to his job. Meticulous by nature, Russo always made sure the examination and law course materials produced by Support Services were the highest quality possible.

"John Russo was an institution at the School of Law — first at Mudd Hall, where he occupied the little office on the second floor, and then in Ambrose-Bush Hall, where you’d find him running the big copy machines or tending his desk area taking in his new-found friends, the computer and the Internet,” said Colleen Erker, registrar.

"John was an outstanding employee, conscientious employee. In addition, to many other responsibilities, each semester, John would tackle the task of exam copying with extreme care and dependability. He could truly be counted on." In addition to his other duties, Russo took responsibility for all of the indoor plants at Mudd Hall, including several trees that outlined the building. He was anticipating with the day plants would be added to Ambrose-Bush Hall, so he could resume his role as school gardener. Russo also enjoyed assisting friends with their yard work and gardening.

A Central West End resident, Russo was a graduate of St. Louis University School of Music in New York and the St. Louis University College of Pharmacy and Applied Science. A talented musician, he played the clarinet in the U.S. Army Band while he was in the service from 1935 to 1955. He then worked as a pharmacist before joining the law school staff in 1979.

Russo is survived, among others, by his sister-in-law, Theresa Russo of South St. Louis nieces; Ann Marie Noonan of St. Louis County and Christine Billmeyer of Atchison; and nephew, Jim Noonan of St. Louis County.

Memorial contributions may be made to the Missouri Botanical Garden, 4344 Shaw Blvd., St. Louis, MO 63110.
Exploring forces of economic growth
For Steven Fazzari, Ph.D., the grit and grime of a summer job became grist for scholarly mill
By GERRY EVERDING

Economist Steven Fazzari, Ph.D., is helping reshape basic tenets of economic thought.

For much of this century, economists such as John Maynard Keynes have argued over what forces drive the economy and how governments should operate in order to spur recovery and growth. And, conversely, what controls are needed to hold down inflation. How do you balance the two fundamental goals of the economy that policymakers face? How do you ...