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Service First
600 volunteers clean city trails

BY DAVID MOSSNER
I was an assembly line that would have made Henry Ford proud.

At the top of the hill, perched along St. Louis Riverfront Trail, stood about 30 Washington University freshmen in a volunteer litter patrol. Forty feet below—down a rough, 45-degree slope—lay 163 abandoned car and truck tires, wallowing in the mud and brush.

"I remember looking down with my eyes bulging out and thinking, 'Oh, is this such a good idea? Is this going to be safe?'" recalled Matt Engelhardt, co-organizer of Service First, the new community service initiative that had drawn the students to their rather precarious position.

"But there really wasn't any stopping our students," Engelhardt continued. "They were determined that they were going to do it. I was just amazed at how quickly it all happened."

In the words of freshman Jeff Fields, "It was a self-organizing phenomenon."

Fields had spotted the tires himself. "But I walked by because I didn't think it was realistic," he said. "So I went on and filled up my trash bag with it. But then I saw that some people had gone down through the bushes and were forming a small assembly line. They started calling others over. All of a sudden, we had people lined up along the hill, just rolling up the tires, from one person to another, and then there were multiple lines."

Though the bus engines were idling and trail organizers were telling the students that their allotted service time was up, the "Tire Brigade" ignored the nudge. Within 15 minutes—from start to finish—the tires were stacked neatly in piles of six, awaiting pickup by the city.

"They got 'em all," Engelhardt said. "The spirit was jubilant!"

Senior Matt Winter, a member of the "Tire Brigade," comprised of students from the first floors of Liggett and Beaumont residential campuses, was just one of 21 waves that went out Sept. 5—the Sunday before Labor Day—as part of Service First. In all, more than 500 freshmen, plus another 160 volunteers from upperclass and staff ranks, participated in the event, which was designed to introduce first-year students to community service early in their college experience.

Armed with gloves, plastic bags and an altruistic spirit, freshman Laurel Griggs was one of more than 500 University freshmen who devoted three hours of volunteer work to Service First Sept. 5.

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On the frontiers of science
U College offers Saturday lectures

Four lectures this fall will explore the frontiers of scientific professionals' contributions to research. The annual Science Saturdays lecture series is sponsored by University College in Arts and Sciences and the Department of Physics. The lectures, which are free and open to the public, will be held from 10 to 11:30 a.m. Saturdays, Sept. 25-Oct. 16, in Room 110 How Hall. No registration is required. The lectures:

Sept. 25—Carl M. Bender, Ph.D., professor of physics, will discuss his research on forces that act on electron clouds around particles that provide a new understanding of gravity. His research in gravitation and relativity. He will discuss what we are learning about gravity through astronomical observations and detector systems that detect gravitational waves, black holes and space-time warps.

Oct. 16—Clifford M. Will, Ph.D., professor of physics and astronomy, will review his research in gravitation and relativity. He will discuss what we are learning about gravity through astronomical observations and detector systems that detect gravitational waves, black holes and space-time warps.

WASHINGTON UNIVERSITY IN ST. LOUIS

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First woman AMA chief speaking Sept. 22

Nancy Dickey, M.D., immediate past president of the American Medical Association (AMA), will deliver an Assembly Series lecture titled "The AMA Agenda: Improving Health Care Delivery for All Americans" at 11 a.m. Wednesday, Sept. 22, in Graham Chapel. The lecture is free and open to the public.

This September marks the AMA's 20th year observing "Women in Medicine Month," focusing on the growth and accomplishments of women in the medical profession. According to the AMA, in 1979 about 10 percent of all U.S. physicians were female. Women now represent 22 percent of practicing physicians.

Dickey was the first woman elected AMA president. She advocates a patient's bill of rights — which she believes should be part of any patient rights legislation — including giving physicians the final say about what is medically necessary giving the patient the right to appeal a health plan's medical decision with an independent external review; holding plans accountable when their actions cause a patient injury or death; and protecting all Americans. Dickey is a board-certified family physician from College Station, Texas, and was elected AMA president in 1997. Before her election, she served as chair of the board of Trustees from 1994 to 1995. She was a reviewer for the Journal of the American Medical Association and a key server on the editorial board of Archives of Family Medicine. She is also the program director for the Brazos Valley Family Practice Associated Program with Texas A & M University.

A graduate of Stephen F. Austin State University, Dickey received medical training at the University of Texas Medical Branch, and was a recipient of the Distinguished Alumnus Award. For more information, visit the Assembly series web page (http://wupa.wustl.edu/assembly) or call 935-5285.

Service First

600 volunteers team with Trailnet to clean city trails

• students participated in beautification projects along three scenic trails on the first day of classes, committed three hours to the project.

"Actually, the chief criticism we got from students was, 'I wish that I would have liked to have been on the trails longer and made more impact.'" said event organizer Stephanie Kurtzman, coordinator for University College's community service.

"I was really looking for volunteer opportunities got a large dose upon their return to campus.

The hours delivered students back to the grand opening of the new Social Justice Center located at the Unrath Residence Hall, for ice cream and complimentary Service First water bottles. The theme continued as the evening, into the last of the Res students joined the Service First participants for a barbeque dinner and community service fair in the Swamp.

"There was a lot of interest," Kurtzman said of the fair. "I've heard back from a number of the agencies saying, 'Gosh, we got three pages of sign-ups.' It was a boon for everybody.

"Just like taking classes, community service is one of those things a Wash U student should do," Kurtzman added. "We don't have hard and fast numbers, but it's overwhelming the percentage of students who do some form of community service here."

One such student is Crystal Krupke, a freshman from just outside Dallas, who helped haul tires and then signed up for Washington U, an agency that helps elementary school children who are reading skills.

"I think it's a very important and helpful service," Krupke said, "that college life to get out in the community and help." Krupke said. "Especially since we live in a small area around this area. It's two-fold, really. Yes, you're giving back through service, but I'm also giving it to myself. It's fun.

And Service First, complete with long bus rides and even lower return to campus, a good start, said junior Trevin Lau, resident advisor for both Krupke and Krupke in Beaumont.

"From an upperclassman point of view, I would say that if it weren't for projects like Service First, a lot of people would get stuck inside of the Wash U College. I'm thinking that this was a great opportunity in that regard. We got freshmen out there in the first month of their careers here."

Concluded Field: "In terms of the actual service, I enjoyed it. It was a beautiful thing, even on the bus rides. Everyone was in good spirits, with a positive feeling toward helping others, toward doing it and helping people. There was an air of fellowship that developed over the course of the event that might actually be more important than the event itself.

"I really think that selfless service is not something that is just a form of self-cultivation that we have," he said. "Through doing things like Service First, a lot of people will strengthen the community, strengthen their family and strengthen their own personality."

On the night sky and forced us to behave chaotically.

Beyond the familiar observation of the night sky and forced us to behave chaotically. How a well-behaved system can have expanded astronomy and in the application of math-
First molecule that guides nerve cells through the brain found

BY LINDA SAGE

When nerve cells migrate from their birthplace to their permanent home in the brain, do they find their way? Researchers have discovered the first molecule that guides them, called Slit.

"This is the first demonstration of a molecule that directs migrating neurons," said Yi Ras, Ph.D., assistant professor of neurobiology. "Such a repulsive molecule might be useful for controlling the unwanted migration of tumor cells or for delivering therapeutic cells to specific regions of the brain in patients with Parkinson's disease or Alzheimer's.

Ras and Jane Y. Wu, M.B., Ph.D., assistant professor of pediatrics and of molecular biology and pharmacology, directed the research. Visiting research technician Wei Wu, from the Chinese Academy of Sciences in Shanghai, was first author of the paper, which appeared in a recent issue of Nature.

"There are two important conceptual implications," said Pasko Rakic, M.D., Ph.D., professor of neurobiology at Yale University School of Medicine in New Haven. "First, it provides a novel approach to neurogenesis. It has been suggested that some brain cancers arise from neural stem cells that repel neurons. Ras and his colleagues are the first to identify a gene whose products perform this function."

They looked at the olfactory bulb, which rodents' all-important sense of smell. For the first two weeks of life, this structure continues to enlarge as a cell nursery in the brain, then to the subventricular zone, sends it nerve cell precursors. The subventricular zone and the olfactory bulb are several millimeters apart; young neurons have to travel several thousand times their length to reach their target.

During the course of a different study, Jane Wu became interested in Slit, which is secreted by the olfactory bulb in the embryos. Since 1996, they have cloned slit genes from several different animals. They also showed that two of the three slit genes are active in the midline of the rat septum. This part of the forebrain was known to produce a substance that repels migrating neurons.

Finding brain tissue from rats 5 days to 7 days after birth, the researchers placed pieces of subventricular zone in the septum. This enabled them to observe the neurons that flowed from the wall of the brain in all directions. But when they also added a piece of septum to the gel, the migratory pattern changed as the majority of the migrating cells traveled toward the direction of the septum. To determine whether this repulsive activity was due to Slit or some other substance from the septum, the researchers cultured pieces of subventricular zone with kidney cells, which normally make Slit. The new neurons migrated in a symmetrical pattern. But when they used kidney cells that had been genetically altered to make Slit, the neurons migrated in the opposite direction. The researchers then placed a piece of subventricular zone midway between two masses of Slit-producing kidney cells. The young neurons migrated symmetrically. But when one mass was farther away than the other, the new neurons migrated away from the closer mass, with Slit concentration gradient rather than a chemokinesis that guides the migration of young neurons.

The researchers then studied Slit's effect on neurons in their natural surroundings. Wei Wu, isolated sections of forebrain that contained the subventricular zone and the olfactory bulb, their final pathway between them — the RMS (radial migratory stream). By labeling the neuronal precursors with dye, the researchers were able to see them migrating in the RMS. But when they placed Slit-producing kidney cells on the scale of enzymes and chemical messengers called cytokines. These messenger molecules also promote the formation of new blood vessels.

In the intact rat brain, the subventricular zone lies around the midline of the septum. So neurons are repelled away from it anteriorly into the olfactory bulb, their final destination," said Ras.

In four papers in the March issue of Cell, the Washington University researchers and colleagues at the California Institute of Technology showed that Slit interacts with a radial protein called Roundabout (Robo). This receptor is made by certain neurons in the olfactory bulb. In the future, the Washington University researchers engineered mammalian cells that produced and secreted Robo, the extracellular fragment of Robo. Then they used the Robo-N to present Slit from interacting with the normal Robo-N.

They placed pieces of septum on top of the kidney cells that cultured them with pieces of subventricular zone. When they used normal kidney cells, the septum repelled migrating neurons. But when they used the kidney cells that made Robo-N, the septum then attracted migrating neurons. "Again, this suggests that Slit is the substance in the septum that repels migrating neurons," Jane Wu said.

Professor and head of neurology, looks at an image of a new 68-bed rehabilitation hospital during a groundbreaking ceremony Sept. 8. The hospital will be erected by BJC Health System and HealthSouth Corp. on Forest Park Avenue, between Newsle and Taylor avenues. It will have close affiliations with the Department of Neurology and the programs in physical therapy and occupational therapy.

Looking at the future

Dennis W. Choi, M.D., Ph.D., the Andrew B. and Gretchen P. Jones Professor and head of neurology, looks at an image of a new 68-bed rehabilitation hospital during a groundbreaking ceremony Sept. 8. The hospital will be erected by BJC Health System and HealthSouth Corp. on Forest Park Avenue, between Newsle and Taylor avenues. It will have close affiliations with the Department of Neurology and the programs in physical therapy and occupational therapy.

Prestigious otolaryngology award goes to Alec Salt

Alec N. Salt, Ph.D., associate professor of otolaryngology, received a prestigious award from the University of Groningen in the Netherlands for his five-year study of endolymphatic sac disease.

The Guyot Prize, given every five years, is named after the 18th-century founder of the Royal Society of Medicine in England.

During the next five years, the researchers will study systemic and local factors involved in the progression of kidney disease and kidney failure. "Microvascular disease is one of many factors that contribute to kidney disease, which may lead to loss of kidney function. If fibrosis is extensive and progressive, the kidney eventually will be destroyed.

This program project grant was first funded in 1965 under the direction of Neal Bricke, M.D. Klahr has been the principal investigator since 1972, and the current award is the seventh successful renewal of this grant under Klahr's leadership.

Each year in the United States, 300,000 people undergo dialysis at a cost of $14 billion to $16 billion. Over time, fibrosis of the kidney results in insufficiently serious enough to affect the function of the kidneys. This progressive kidney failure.

"We’re examining the factors responsible for the deposition of GFR, the World Health Organization is interested in identifying drugs that potentially could slow or forestall the progression of kidney disease in this model." In the second project, Keith Hrushka, M.D., the Ira Lang Professor of Medicine and professor of cell biology and physiology, will analyze the role of another hormone called osteopontin in renal fibrosis. Osteopontin is commonly produced at sites of tissue damage.

Researchers don’t know whether osteopontin is helpful or harmful. "This hormone could bring inflammatory cells to the kidney, worsen the inflammatory response. Or it might protect the cells that line the kidney."

In the third project, Aubrey R. Morrison, M.D., professor of medicine and of molecular biology and pharmacology, will examine the role of a collagen-degrading enzyme that belongs to a family of proteins known as metalloproteinases (MMP). He has shown that inflammatory signals in these cells are capable of stimulating the production of this enzyme, MMP-13. This finding might be relevant to the regulation of fibrous proteins outside the cell. Morrison also has discovered signaling molecules in a different pathway. These molecules also contribute to the progression of kidney fibrosis.

Two core components will support the program project. An administrative core led by Klahr will have a central role in coordinating the program. Morrison will supervise the animal care, which will involve normal and genetically manipulated mice.

Klahr receives $4.8 million for kidney research

Sal Klahr, M.D., the John E. and Adaline Simon Professor of Medicine, has received a five-year, $4.8 million renewal of a program project grant from the National Institutes of Health. He studies the mechanisms of fibrosis — the formation and deposition of fibrous tissue — in chronic kidney disease.

"There are a variety of kidney diseases," said Klahr, who also is director of research affairs at Barnes-Jewish Hospital. "Fibrosis is a common feature of kidney disease, which may lead to loss of kidney function. If fibrosis is extensive and progressive, the kidney eventually will be destroyed.

"Fibrosis of the kidney eventually will be destroyed. This results from too much endolymph in the cochlea, which causes deafness. This is a common symptom of which is periodic episodes of vertigo.

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"The sound in the brain. This can be dangerous, because it can harm our hearing. This hormone could bring inflammatory cells to the kidney, worsen the inflammatory response. Or it might protect the cells that line the kidney."

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University Events

‘Fareehen 451’ • Molecular Switches • Karma • Slavic Poets • String Wizards

By IZAM OTTER

The Performing Arts Department (PAD) in Arts and Sciences will present “From Blood to Prayer,” a two-day film festival from Sept. 23-26 in Mallinckrodt’s A. E. Hotchner Studio Theatre.

“Blood to Prayer” is a pair of contemporary dramedies — Ellen McLaughlin’s “Iphigenia and Other Daughters” and Helene Cixous’ “The Conquest of the School of Madhubai” — which, though set in different times and different cultures, both deal head on with the sometimes controversial subjects of women and vengeance.

“From Blood to Prayer” opens at 7 p.m. Thursday, Sept. 23, and continues at 8 p.m. Friday and Saturday, Sept. 24 and 25. Matinee performances are at 3 p.m. Saturday and Sunday, Sept. 25 and 26.

“Iphigenia and Other Daughters” tells the bloody tale of Agamemnon, the Mycenaean king who, upon his return from the Troy War, offers up his daughter Iphigenia to the gods. The play begins during Iphigenia’s final days as she gradually becomes reconciled to her seemingly inevitable fate. For through her actions follows the doomed girl’s mother (Chrysothemis) and sisters (Chrysothemis and Electra) as they await — and make their own plans for — Agamemnon’s return and the Trojan’s eventual victory. (Chrysothemis and Electra)

“Iphigenia and Other Daughters” is available at the Edison Theatre MetroTix outlets, 534-1111. For further information, call 935-5610.

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Women, sacrifice, vengeance PAD offers two plays in “From Blood to Prayer”

Pursued by Indian authorities, Sakundeva flees to the village of Madhubai, where she takes refuge with an aunt but also begins to contemplate the 50,000-rupee reward now offered for her capture. And the good such a sum could do for the young women of Madhubai.

Sakundeva, a low-caste woman, eventually hides herself away in a boarding house; here, she is safe from the murder threats and the heartbreak from which Agamemnon’s return and the Trojan’s eventual victory. (Chrysothemis and Electra)

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Acclaimed student jazz combo performing free concert Sept. 29

Inside Out, a student-organized jazz quartet from the Depart- ment of Music, presents a jazz quartet with a mixture of high-energy music and genuine spontaneity at the historic Old Library on Sept. 29 in the Grand Salon. The quartet features senior Ben Look, sophomore saxophonist David Student T. Drums, sophomore Gene Hooper, and senior jazz pianist and vocal major Brian Wallace.

The quartet was founded in April 1999 as an outgrowth of the music department's jazz program. The group's goal is to allow students to learn and perform with others in a more informal setting.

Calendar

Thursday, Sept. 23
6 p.m. Performing Arts dept. play "From Blood to Prayer: Two Plays About Women and Sacrifice." In the University Auditorium in the College of Arts and Sciences, the Office of Student Activities and Athletics, the Department of Music in the College of Arts and Sciences, the Office of Student Activities and Athletics.

Saturday, Sept. 25
11 a.m. Summer Camp. "Time-Trips" at the Missouri Historical Society. Cost: $10; $8 for WU faculty, and "The Conquest of the School of the Future" at the Missouri History Museum. Cost: $10; $8 for WU faculty.

And more...

Friday, Sept. 17
9 a.m. Office of Continuing Medical Education seminar. "Second Annual Midwest Cancer Plan Initiative Meeting." 7 a.m. "Modern Cancer Education Center. For more information, call 910-1100.

Saturday, Sept. 18
7:30 a.m. Office of Continuing Medical Education seminar. "Lung Cancer Screening Protocols." 9 a.m. "Modern Cancer Education Center. For more information, call 910-1100.

United Way's Days of Caring. Schneider also displayed a collage of photographs from the center. "We were able to give up some of our normal day to see first-hand where part of our money goes," Schneider said. "You get to imagine yourself as part of their day. Their staff get a little bit of a respite, and they get to see people helping them physically in addition to monetarily."

And... could tell within hours that these children were loved, that the seeds of respect were being planted in their young minds. I hope each of you can participate in Days of Caring because it's a day of a lifetime.

The campaign coordinators

Wednesday, Sept. 15
6 p.m. Women's Club of St. Louis. The program is "High Tea." The tea is an opportunity for newcomers to learn of the club's activities, which include meetings, an annual Arts Series lecture, contributions to the Olin Library, orientation and activities for international students, and an annual scholarship for an academically deserving woman returning to school.

The club also has monthly interest seminars ranging from cooking and crafts, bridge and classical music appreciation to gardening, woodworkers' discussions and walking.

"In 1995, faculty wives who lived across the county came to know one another through the friendship, from faculty and spouses from the Medical and Hillfll campuses founded the Women's Club. Today, its membership is open to all who desire to get to know other women and to be involved in club activities."

"We are hoping with your help it will become a day of a lifetime." I hope each of you can participate in Days of Caring because it's a day of a lifetime.

Washington University in St. Louis

Washington University in St. Louis

Sports

Football Bears fall

Despite gaining more rushing yards (109 to 98) and more passing yards (135-12), the football team lost at Wheaton College (Ill.) 35-12 in a non-conference game. Sept. 11, Senior tailback Larry Foster rushed for a career-high 83 yards in 24 carries, but the Bears (1-1) were hurt by four interceptions. After taking a 6-0 lead on a fumble recovery in the end zone by sophomore Brian Winters, the Bears surrendered 21 points in the second half.

The Bears have rushed for 215 yards in the team's first two games.

Men's soccer wins unbeaten

The men's soccer team tied 1-1 against the regional winner during the Washington University Invitational last weekend. The Bears (3-0-1) pulled out a 1-1 tie Friday with the University of the South when senior Brian Crowin ripped a 40-yard shot into the upper-left corner of the net with eight minutes left in regulation. The Bears picked up a bigger win Sunday, as senior All-American striker Greg Alexander tallied a goal and two assists against the Crusaders 3-0. St. Louis University. The Bears remain unbeaten on the season.

Volleyball team vs. Juniata College, Pa.
Volleyball team vs. Central College, Iowa.

Weekend. The Bears (3-0) scored 62 points in the team's first two games.

Rutgers University in the Coliseum. Cost: $10; $8 for WU faculty. For more information, call 362-6891.

Saturday, Sept. 25
11 a.m. High tea. Sponsored by the West End Women's Association. Cost: $10; $8 for WU faculty. For more information, call 362-6891.

Washington University in St. Louis
The gift of life: Students and others turned out in force Thursday, Sept. 9, for an American Red Cross blood drive sponsored by the Congress at the South 40 in the Wheelhouse Residential House lobby. Among those present was former Senior French major Johanna Johnson (in foreground) and freshman Jessica Sager (right), who plans to major in international relations. Diane Shelton, Red Cross medical assistant, checks on Sager.

Poverty
Study reveals need for adequate safety net

— from page 1

fluctuated between 11 and 15 percent. The official U.S. annual poverty rate for 1997, the latest year available, is $18,183 for a person living alone and $48,472 for a family of two adults. Of these, 10.5 percent of the nation's elderly—roughly 3 million people—have annual incomes below the official government-defined poverty line. Among youths, 5.5 percent and senior citizens have incomes hovering just above the poverty line. Although current rates are sharply lower than the 1980s, when roughly 30 percent of the elderly lived below the poverty line, Rank believes that poverty among seniors continues to be much too common to be considered a niche problem in senior social service programs, especially when the risk is considered across the duration of the elderly years.  

“Programs such as Social Security and Medicare have had dramatic effects on reducing poverty among the elderly 90s but they have never come close to their goal of eliminating poverty among the nation's senior citizens,” Rank said. “In return, these programs on the grounds that they have solved the problem is simply incorrect. Our main concern is that many people are still very much a reality for many seniors.”

Bypass
Findings could help reduce bleeding risk

— from page 1

four hours after surgery and 42 percent less per the first eight hours after heart surgery; they had 39 percent less bleeding overall. As a result, they required fewer blood transfusions. They had 50 percent fewer transfusions involving red blood cells, 87 percent fewer for platelets and 95 percent fewer platelet transfusions. Total exposure to blood products from the blood bank was 69 percent lower in the patients given the drug. Despotis explained, “If a bypass procedure is used, a blood-thinning drug called heparin to prevent clotting during surgery, but that drug usually doesn’t contribute to postoperative bleeding because it is removed from the circulation after surgery with another drug—called protamine—which reverses heparin and allows blood to clot normally again.

But several problems can cause excessive bleeding after heart surgery. Perhaps a blood vessel isn’t sewn up tightly enough, or the blood won’t clot properly despite protamine.

“Two major components within blood facilitate normal clotting,” Despotis said. “They are platelets and fibronectin. The platelets are one of the first lines of defense to prevent a wound from getting dysfunctional or be reduced to critically small.”

Complex surgeries such as combined procedures involving both bypass grafts and valve repair or replacement increase the time a patient spends on the heart-lung machine. Second or third repeat cardiac procedures also tend to be longer. The longer a patient is on the heart-lung machine, the higher the risk for developing nonsurgical bleeding related to platelet defects or problems with blood-clotting proteins.

“We are trying to identify people whose blood-clotting system has been upset during their bypass operation. This type of surgery can injure blood-clotting proteins and platelets, and the test we use measures that injury to platelets,” Despotis explained. “It is called heparin flush, or UF, was developed by Medtronic Blood Management [Inc.]. The researchers took blood specimens when patients were taken off the heart-lung machine and had received protamine 20 to 40 minutes earlier. The test results were available within five to 10 minutes. If the test indicated a risk for bleeding, the patient was given either desmopressin or the salt solution.

“The test doesn’t measure platelet count,” Despotis said. “It assesses platelet dysfunction that can contribute to bleeding. In the study, desmopressin limited blood loss in patients with these platelet defects, but it did not increase their platelet count.”

A recent study has shown that desmopressin might minimize bleeding problems, several studies have demonstrated no advantage to giving the drug to everyone having bypass surgery. In these studies, researchers observed little difference in bleeding or transfusion requirements between patients who did and those given an inactive substance.

But in this most recent study, the hemoSTATUS test identified patients at risk for platelet-related bleeding and giving them the drug certainly resulted in a key to lowering this risk.

“We’re taking a new approach by identifying patients at risk for platelet-related bleeding and giving them the drug. And it certainly seems to work,” Despotis said. Despotis and colleagues now are trying to learn why desmopressin limits postoperative bleeding so effectively in this setting.

Hilltop Campus Watch
The following incidents were reported to University Police from Sept. 6-12. Readers with information that could assist in investigating these incidents are urged to call 935-9836. This release is provided as a public service to promote safety awareness and is available free of charge with no obligation on the part of the university to share information that could assist in investigating these incidents are urged to call 935-9836.

Sept. 6 — A student on the Greenway Walk was robbed of $5 by a black man, approximately 19 years old, 5 feet 8 inches tall, of medium build, wearing a black shirt and blue jeans. When the suspect was riding a bicycle and the victim fell, the suspect fled on foot. The police officer found the item left behind.

Sept. 7 — A police officer spotted a suspicious vehicle in the parking lot at Millbrook Apartments.

Sept. 8 — A student reported the theft of a wallet from a Buick Regal from the parking lot at Millbrook Apartments.

Sept. 9 — A police officer spotted a suspicious vehicle in the parking lot at Millbrook Apartments.

Sept. 10 — A police officer observed a suspicious vehicle in the parking lot at Millbrook Apartments.

Sept. 11 — A student reported a broken lock on a semester’s worth of work.

Sept. 12 — A police officer observed a suspicious vehicle in the parking lot at Millbrook Apartments.

Employment

The School of Architecture’s national Student Design Competition for the year 2000 will focus on proposals for St. Louis’ Arch grounds. Open internationally to graduates of accredited degree programs in architecture, the competition will be chaired by award-winning Phoenix architect Will Bruder.

Title: “Bringing the Gap — Architecture in the Shadow of the Arch.” The competition calls for ideas for reconnecting Eero Saarinen’s Gateway Arch and the surrounding Jefferson National Expansion Memorial Park with St. Louis’ downtown district and for designs that address the question, “trench” separating the park from the rest of downtown.

Submissions are also to include research proposals for internation- al studies in architecture and designs for a Museum of American Architecture on the Arch grounds.

Members of the interna- tional design jury of architects and designers are Garry Ewing, Manchester School of Design, Melbourne, Australia; Sarah Crouch, Architecture, Los Angeles and Zurich, Switzerland; Reed Kroloff, director, Design Museum, Milan, Italy; Elias Torres, Torres Architects, Barcelona, Spain; and Billie Tsien, Tectonic, New York, N.Y.

The jury will meet at the architecture school in Febru- ary 2000 to select the competi- tion winner, who will receive a $20,000 prize. The school also will display the winning design proposal.

For more information on the competition, call 935-6293.

Architecture school opens competition

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Of note

Michael MacCambridge, an associate professor of communications and journalism program for University College in Arts and Sciences, received Gerald E. Earley, Ph.D., the Merle King Professor of law, recently described as a part of this article in the Sept. 9 Record had discussed earlier in the day at an Assembly Series lecture.

On assignment

Susan Bertnatt, Ph.D., professor of classics and arts & sciences, will give a reading at a book signing at 7 p.m. Wednesday, Sept. 29, at the Library East Bookstore, 7700 Forsyth Blvd. Cleveland, and the Pennsylvania State University's nearly 5,000 alumni who graduated from the law school within the past 25 years. Recipients will exemplify the ideals embodied in the School of Law. Find a list of this award, along with a description of education provided by the law school, undergraduate and graduate students, and the ideals embodied in the School of Law. The Distinguished Law Alumni Association, she is a past secretary of the School of Law to honor outstanding alumni and one outstanding alumna. The law school recently published a paper titled "A First Look at the 1998 Bangalore International Criminal Court: Jurisdiction, Definition of Crimes, Structure and Referrals to the Court" in the three-volume treatise, "International Criminal Law." Guidelines for submissions: Send one set of copies, in duplicate, to: Records, Robinson Law Library, Washington University, St. Louis, MO 63130.

To press

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Correction

The George Warren Browne Social School of Social Work's alumni banquet will be held Saturday, Sept. 18, at the Alumni Center University Club in Clayton. An arts event, the 9th Record had an incorrect location.

Tamar L. King appointed director of judicial programs

Tamar L. King, J.D., has been appointed director of judicial programs to the law school. In this role, the law school will manage the operation of the judicial programs. In addition, King will be responsible for implementing a professional development plan for staff working with student interns. King will work directly with students and be responsible for the support of the University's nearly 5,000 undergraduate students.

Evans named president of Barnes-Jewish Hospital

Ronald G. Evans, M.D., has been named president of Barnes-Jewish Hospital, effective July 1.

"Ronald G. Evans is a brilliant scientist, physician and manager who has contributed significantly to our institution and the medical field," said William A. Peck, M.D., president of Barnes-Jewish Hospital. "He currently holds two positions at the School of Medicine, where for 28 years, he has been the Elizabeth E. Malina endowed professor, head of the Department of Radiology and Director of the Mallinckrodt Institute of Radiology. Evans also has been serving a two-year term as board chairman of the Faculty Practice Plan, one of the largest multi-specialty group practices in the nation. As a medical researcher, scientist, manager, physician and scientist, he has contributed significantly to our institution and the medical field," said William A. Peck, M.D., president of Barnes-Jewish Hospital. "He currently holds two positions at the School of Medicine, where for 28 years, he has been the Elizabeth E. Malina endowed professor, head of the Department of Radiology and Director of the Mallinckrodt Institute of Radiology. Evans also has been serving a two-year term as board chairman of the Faculty Practice Plan, one of the largest multi-specialty group practices in the nation.

School of Law to honor outstanding alumni

BY ANN NICHOLSON

The School of Law will recognize four outstanding alumni and one outstanding young alumna for its 27th annual alumni dinner Oct. 1 at the Ritz-Carlton St. Louis.

"Local Regulation of Adult Businesses," is used throughout the nation by municipal attorneys who regularly call on him as a resource.

Seth Mason went on to assist and now share as a student the American College of Trial Lawyers National College of Trial Advocates, an honorary organization of the nation's foremost trial lawyers. Mason went on to assist and now share as a student the American College of Trial Lawyers National College of Trial Advocates, an honorary organization of the nation's foremost trial lawyers.

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President of the Washington University Student Senate has been appointed president of the Washington University Student Senate.

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Sheldon S. Helfman, professor of architecture, paints the ordinary — it's bound to be any time that are of interest to you."

"Teaching is a rich experience — it's bound to be any time you have a captive audience to share things with that are of interest to you."

"It thought it was the greatest invention. The idea of abstract expressionism. Helfman couldn't believe anything could have the same appeal. He realized as a college student that invention. The logic, the clarity, the rules, the definitions — I couldn't believe anything could be so clear," Helfman recalled. But it was not long before he realized as a college student that the elastic limits of calculus did not have the same appeal. He then enrolled at Cooper Union in New York, during a heyday of abstract expressionism. Helfman speaks of "riding the crest of a wave," but not learning much in the way of basic skills.

"It's this gift of intense light. It's this gift of intense light, very profound. It was an experience..."

"I have a powerful belief that drawing can convey in a most immediate way the kinds of concerns one has in architecture," Helfman said. If he can develop a facility for drawing, you can use it to test alternatives for design. If you are merely confronted with options generated by a computer, you are reacting to things you see. But drawing requires a measure of focus in which you pre-select the issues that are relevant.

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"I still hear him discussing a Project on the art museum, and I still remember his words as he critiqued my work," recalled Vieme, who was a student of Helfman. "He has done a tremendous amount for the school on so many levels, including serving as an assistant dean and just recently as chair of the faculty search committee."

Dean Emeritus J. Constantine E. Michaelides, FAIA, who served on the architecture faculty during his time in 1959, praised Helfman with major contributions to the undergraduate program.

"Shelly was an important pillar in the undergraduate program, both in teaching and in academic advising," said Michaelides, who appointed Helfman assistant dean.

"Throughout his 40 years, he has been a dedicated, effective and inspirational teacher for generations of students, introducing them in the early stages of their education to the basic architecture discipline of thinking and drawing, and thinking."

On a recent trip to southern France, Helfman received its "iconoclastic" approach, Yale ironically also provided him with a classical background in art.

In 1959, Joseph Passonneo, FAIA, former dean of the Washington University School of Architecture, recruited Helfman while he was still at Yale to teach basic drawing and design techniques to architecture students here.

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