Next phase of I-64 work will have greater impact on WUSTL community
Plan alternate routes for Dec. 15 closure

By Beth Miller and Jessica Davey

or half down, one more to go. The $235 million project to rebuild I-64/Highway 40, from west of Spoko Road to east of Kingshighway Boulevard, is about halfway complete.

On Dec. 15, a few weeks ahead of schedule, the Missouri Department of Transportation will open the western half of the project and close the eastern half from Hanley Road to Kingshighway on Dec. 31, 2009.

Washington University and BJC HealthCare are working with the Missouri Department of Transportation to develop and implement the reconstruction project has the smallest possible impact on faculty, staff, visitors, students and patients. Employees, students and visitors at all of the University's campuses need to plan alternate routes at other modes of transportation.

"The closing of the eastern part of Highway 40 will affect the communities of many in the Washington University community," said Nicholas L. Stoff, director of Parking and Transportation Services on the Danforth Campus. "Planning ahead and considering alternate routes as well as alternative means of getting to campus, such as Metrolink, MetroBus, car pooling, bicycling or walking, before the closing occurs will help faculty, staff and students many headaches and parking issues.

The second phase will affect School of Medicine employees too. Kelley Muller, senior director of clinical operations at the School of Medicine, expects traffic on Kingshighway, McCausland Avenue and Forest Park Parkway to increase. She encourages School of Medicine employees to use alternate routes such as Tower Grove, Boyle and Vandeventer avenues when traveling to and from work.

"For employees coming from outside the Medical Campus, west bound I-64/US-40 will be re-striped as motorists near the closure at Kingshighway," Muller said. "As it does now, one lane will drop at Boyle, leaving only two lanes through to Kingshighway. Met DOT also plans to leave the Vandeventer ramp onto west bound I-64/US-40 open, leaving intact another alternate route to get to Kingshighway," Muller said.

During the vehicular closure of the eastern half, Gateway Constructors will rebuild the pavement, bridges and interchanges between Hanley Road and Kingshighway, including Hanley Road, Big Bend Boulevard, Oakland Avenue, Hampson Avenue and Clayton Avenue.

By Dec. 31, 2009, all lanes on I-64 and Interstate 70 are expect ed to be open, with final work complete by July 31, 2010.

Landscaping should be complete by the end of October 2010.

Benefits-eligible employees and full-time students can apply for the Metro Universal Pass, which provides free access to the MetroLink and Metrolink services. Those interested in obtaining a pass can apply online at the Parking and Transportation Services Web site at parking.wustl.edu. The site also has links to important information about the Highway 40/64 project, including commuting alternatives.

A Metro system map, schedules, addresses of MetroLink stations and a list of those with commuter park ride lots are listed at metrolinkstlouis.org/metrolink/statistician.asp. Stations that serve WUSTL campuses include the Clayton Station at West Campus, the Big Bend and Skinker stations for the Danforth Campus and the Seix Avenue.
Letter

From Page 1

commitments and achievements as blessings. I am thankful to each of you for your effort and work. Unfortunately, as we consider the financial environment within work, there is no doubt that the financial challenges are greater for those who are lower in income. We must be careful not to curtail the matters with the chair of the Board of Trustees, and I promise that the reduction of my salary by 5 percent effective Jan. 1, 2009, and another 5 percent reduction effective July 1, 2009. School deans and vice chancellors have volunteered to have no increase in their compensation package. These leaders have been asked to review capital projects with all stakeholders to ensure that important projects for the University and which are being supported with gifts and grants can be achieved with realistic expectations of revenue. All vice chancellors had the task of reducing the administration's capital projects through FY10 and to identify opportunities for additional reductions in the current year.

While we must exercise restraint in compensation and administrative expenses, it will be vital to continue to attract and retain key members of the faculty and staff and to maintain our financial resources to do so when needed. It is imperative that we remain in a position to add new talent to the University and in improving our quality and impact in ways that benefit the University and to continue to build a world-class group of students, including women and minority groups. We must continue to apply new resources to initiatives that will help strengthen our position in the strength, including areas in which we are exceptionally promising academic initiatives, community service, compliance and security.

Our programs are strong now and must remain so. New staff additions to Washington University will be very limited and require considerable investment in new resources. Additional additions to the administrative staff of central administration will have approval of a committee that includes executive vice chancellors Harry S. Witcher and Michael R. Catin, and vice chancellors Barbara L. Jetter and Alan B. Prenatt. Open positions will be reviewed and this group will determine whether such positions will be filled. New recurring and one-time commitments to the central administration for FY10, some of which have already received "soft approval," will be reviewed and may be eliminated, further reducing administrative expenses. It is important, however, that we continue to support the rate of growth of expenses. We are proceeding with planned expansion and renovation of Mallinckrodt Center at a cost of over $20 million. We will continue to assess new capital projects for schools that will reflect offices will no longer be able to bring their own bottled water to campus eateries. Although the ECoG implants have reached "soft approval," are being considered by the University for their graduating students. For more information about tap and bottled water use on campus, please contact us to arrange a visit. Mike Kramer, a former Executive Officer of the Executive Vice Chancellor for Administrative Affairs, has been working with staff to promote the use of tap water on campus. We hope faculty, staff and students will be provided with reusable water containers, but the University is not going to be the water bottle pro-"
Previously unknown cell may help those with Crohn's, colitis

BY GWEN ERICKSON

The tonsils and lymphoid tissues in the intestinal tract that help protect the body from external pathogens are the home base of a rare immune cell newly identified by School of Medicine researchers.

The research indicates that the immune cells could have a therapeutic role in inflammatory bowel diseases (IBD) such as Crohn's disease and ulcerative colitis.

Their report will appear in an upcoming issue of Nature and is available through advanced online publication.

"These cells have an anti-inflammatory effect," said lead author Mark Mills, M.D., Ph.D., assistant professor of pathology and immunology. "In the gut, we have beneficial bacteria, and it's important that the body does not recognize them as something detrimental. These cells help keep the body from attacking the bacteria normally.

"If we can develop methods to allow people to harbor amyloid plaques and other brain pathology linked to Alzheimer's disease without experiencing decline of their cognitive ability," said first author Catherine Roe, Ph.D., research instructor of neurology.

The findings are published in the Journal of Experimental Medicine in a paper entitled "NK-22 cells: a new player in the innate immune system that may influence the evolution of parasitic diseases.

The researchers are examining the immune cells' role in other inflammatory bowel diseases such as IBD. The cells we've discovered are important for keeping such harmful inflammatory processes in check.

The cells are a type of natural killer cell (NK), which are white blood cells classically known to eliminate tumor cells and cells infected by viruses. Because of their killer tendencies, NK cells are carefully controlled and don't act until they receive the right signal.

Some of the signals that activate the newly discovered cells are the same signals that turn on a different immune cell with strong inflammatory properties that can promote cell death and tissue damage if chronically active. But the anti-inflammatory cells, termed NK-22 cells, that the WUSTL researchers discovered have the opposite effect — they promote cell proliferation and wound healing.

Mills suggests that the cells play a role in maintaining a balance in the immune system between inflammatory processes and anti-inflammatory processes, said co-author Jason Mills, M.D., Ph.D., assistant professor of pathology and immunology and of developmental biology.

"They make sure that factors that turn up inflammation can be counteracted by the coordinated activation of anti-inflammatory effects," Mills said.

The NK-22 cells are part of the innate immune system, which reacts quickly to invading pathogens. The researchers found that in response to immune signals warning of foreign invaders, the cells produce copious quantities of a compound called IL-22, which is why the researchers named them NK-22 cells.

NK-22 cells are already present in the mucosal tissue of the gastrointestinal tract, and as soon as they see a pathogen, they react," Mills said. "That is a great advantage to the body because it promotes a protective response in the very first hours of pathogenesis.

"Now that immunologists know NK-22 cells exist and what immune factors influence them, they may be able to capitalize on them to treat a variety of inflammatory diseases.

Diseases such as inflammatory bowel disease result from a defect in the intestine's protective barrier," said senior author Marco Celetina, M.D., professor of pathology and immunology. "If we can develop methods to culture NK-22 cells, we may be able to use them to promote healing and protect the gastrointestinal tract.

"In the gut, we have beneficial bacteria, and it's important that the body does not recognize them as something detrimental and start an inflammatory reaction."
Tuesday, Dec. 1
12 p.m. Infectious Diseases Lecture.
Steve Stem, author, "Sleeping in the Snow: The Story of a Famous Fattening Farm in the Arctic,"
11 a.m. Infectious Diseases Lecture.
Steve Stem, author, "Sleeping in the Snow: The Story of a Famous Fattening Farm in the Arctic,
McCallum Theatre in Palm Desert, Calif.
"Ganesh Shararam." Adjunct instructor in dance, choreographs this classical Indian work for nine dancers, which begins with a series of sculptural poses and also includes a description of Ganesha, the Hindu deity. "Overtired." Slaughter choreographs this piece for eight dancers, which is excerpted from a larger work created for his company, The Slaughter Project. Inspired by traffic, the dance presents an "acceleration of process, action and interaction."}

"Common Ground." The evening concludes with this grand-scaled work by David W. Mar- chant, senior lecturer for the dance department. Recalling the raucous energy of rocks and roll concerts, the dance takes place in the Washington University Dance Theatre cast out onto the stage and invites audience members to stand and join, dissolving the boundary, bringing all of us togethe on 'common ground.'

"Falling Petals," a dance from the Washington University Dance Theatre showcase Dec. 5-7, combines contemporary dance and director of WUDT. Performance dates, times, and locations:
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For the Birds," a Pixar film released in 2001, will be one of the short films shown Friday, Nov. 21, at the Children's Film Symposium.

Friday, Nov. 21
7 p.m. "Pixar Shorts" (2007). This film features a dozen rare theatrical shorts spanning the history of Disney/Pixar, the studio responsible for such modern masterpieces as "Toy Story," "Monsters, Inc." and "Finding Nemo." Introducing the screening will be Jeremy Lasky, a director of photography for Pixar, who will also conduct a postshow question-and-answer session.

Saturday, Nov. 22
 Noon. "Matchmaker Mary." (2008). Shot in Leo's Summit, this family-friendly tale stars Dave Wallace, a former Kansas City resident best known for his role as Mary in "L.T. The Extra Terrestrial," and Katherine McNamee, a Leo's Summit native making her screen debut. The story centers on Mary Carver, a sixth grader (played by McNamara) who attempts to broker romance between two lonely people she meets at an animal shelter, where all three have been rejected before.

5 p.m. "Finding Nemo." Based on the Pulitzer Prize-winning children's book by Disney/Pixar, the studio responsible for such modern masterpieces as "Toy Story," "Monsters, Inc." and "Finding Nemo." Introducing the screening will be Tom Sizemore, this rollicking adventure won best animated feature at both the Cannes Film Festival and the Academy Awards.

7 p.m. "Pixar Shorts" (1995). The first screening, "Pixar Shorts," will take place in the auditorium of the Saint Louis Art Museum. All attendees will receive a complimentary copy of the 2009 Book Lover's calendar.

Saturday, Nov. 29
7 p.m. "Pixar Shorts." "Rose." A concert presented by the Campus Store and mingle with either their WUSTL I.D. cards or an invitation to the event, winners will receive a complimentary copy of the 2009 Book Lover's calendar.
Burson named director of governor-elect's transition team

Charles W. Burson, J.D., visiting professor of law, is directing the transition team for Missouri Governor-elect Jay Nixon.

Nixon, who served as Missouri attorney general from 1992-2004, met Burson when he was Tennessee's attorney general from 1997-1999. Burson later became counsel and chief of staff to former Vice President Al Gore. After leaving the White House, Burson came to St. Louis to work as general counsel and executive vice president for Monsanto. A member of the School of Law's national council, Burson also teaches at the law school and is counsel of Bryan Cave, which provides legal services.

"Governor-elect Nixon has made it clear that he expects an inclusive and transparent transition," Burson said. "During the transition team, we'll do our best to find the best and brightest minds to help him move Missouri forward."

"Having the state government is a huge job, and we're going to make sure he has the best team possible," Burson said.

Women's soccer goes on to sectionals

Senior goalkeeper Amanda Boe stepped up for four penalty kicks and freshman Alyssa Marulli set the game-winning kick as the No. 8 women's soccer team advanced to the NCAA Women's Soccer Tournament with a 3-1 victory over Illinois Wesleyan University Nov. 16.

Junior Becca Heymann and senior Terrie Montes helped Marulli find the fastest three kickers to make it 2-1 after three kickers, a stop by Boe on Lamar's Dolak's penalty kick set up the game-winning kick by Marulli.

On Nov. 15, senior Caitlin Maloney recorded two goals and senior Caryn Roos added another as the Bears posted a 3-0 win over Principia College in the first round of the NCAA tournament.

The Bears' next opponent is the NCAA tournament No. 22 Wheaton College Friday, Nov. 21, in Wheaton, Ill.

Volleyball's title defense comes to end

The No. 3 volleyball team fell to No. 8 Ohio Northern University, 5-1, in the 2008 NCAA Division III tournament.

The Bears' next opponent is the NCAA tournament No. 22 Wheaton College Friday, Nov. 21, in Wheaton, Ill.

Women's cross country in NCAs

The No. 9 women's cross country team finished in third place and the men's team came in 10th in the 2008 NCAA Division III Midwest Region Championship Nov. 15 in Rock Island, Ill.

The Bears' next opponent is the NCAA tournament No. 22 Wheaton College Friday, Nov. 21, in Wheaton, Ill.

Sports

Men's basketball wins in Colorado

Junior Aaron Thompson scored a career-high 31 points to lead the top-ranked Kansas basketball team to an 82-64 victory over Colorado College Nov. 16 in the championship game of the Colorado College Tip-Off Classic.
Thanksgiving to be celebrated on campus

BY NOL SCHNEIDERHOF

Staying on campus during the Thanksgiving holiday can feel like a lonely endeavor, but groups on campus work hard to let students have a taste of home during the holiday.

For starters, more than 20 students will have dinner with host families on the Home Plate program.

Started by Ryan Overling, Wrighton, wife of Chancellor Mark S. Wrighton, in 2003, the program aims to enhance students’ experiences by connecting them with host families from the University community and surrounding areas for home-cooked meals and outings around St. Louis.

The program has grown exponentially in recent years, now serving 200-250 new students each year and connecting them with a variety of host families.

"It’s hard for us to host families because they are part of the University and to feel like the students are getting a taste of ‘Thanksgiving’," said Overling Wrighton.

"Students always love a home-cooked meal," added Overling Wrighton.

"Most students are not used to this," said Abrams.

"It’s a great way to extend ourselves in the University community, and we find it’s always a pleasure to host exceptional students," said Abrams.

Other Thanksgiving celebrations will be happening around campus, including:

- Turkey dinners will host a traditional Thanksgiving dinner with turkey and all the trimmings from 11 a.m. - 2 p.m. Thanksgiving Day in the Village centrum, Ruffner Hall, 4-5 p.m. Sunday, Nov. 23, in the room 4032, Humanities Building.

- "The Record will not be published next week due to the Thanksgiving holiday. Look for our next edition Dec. 4.

Obituaries

Lisa R. Williams, secretary III, 47

BY BETTY MILLER

Lisa R. Williams, 47, a file clerk in the Facilities Management Department (FMD) at the School of Medicine, died Oct. 25, 2008. She was 47.

Williams worked for Jim Stuber, director of Facilities Engineering, since 1998. She previously worked for the Department of Radiology from 1993-98.

"She was a remarkable employee who we very cared for," said Stuber. "She was the go-to person for a lot of things in FMD. She was a very knowledgeable expert in the department and did a lot of troubleshooting, even when she was working outside of her job. I called her the Energizer Bunny. She wanted to be there for a lot of things in FMD and was an expert in the department and did a lot of research work. Everybody went to Lisa with questions about computers and software. She was an extremely caring and thoughtful person and will be missed by all.

Roy Van Hee, project engineer and manager in the Facilities Management Department, wrote a poem in memory of Williams, titled "We’re Not the Same," which remembers her for her "Thanksgiving dinner dinner” on Nov. 14.

Williams is survived by her husband, Larry, a son, Larry Jr. and parents, M.L. and Ima John, of Oklahoma.

Emory memorial service

Memorial service will be held next week due to the Thanksgiving holiday. Look for our next edition Dec. 4.

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Utility player

Lasater takes on many roles to keep athletics running smoothly

Kathy Lasater

Years at WUSTL: 28. In student affairs, 20 in the athletic department.


If you didn't work at WUSTL: "I have a secret desire to be a rock band," she says. "I was a tambourine in my hand, doing 'Ooh, ooh, ooh, ooh... But it would have to be a quality act. It'd be a fabulous singer: the Eric Clapton kind!"

If she could have any other job at WUSTL: "I'd love to teach," she says. "It's the friendliest profession you can have, a zippier career. Why to say I won't go back to it? Maybe English literature!"

The human element

Whether it's typing a letter to a senior athlete, organizing the hospitality room of one of the annual tournaments, baking brownies for tournaments, or helping a young assistant coach get acclimated to WUSTL, Lasater, who is known for the WUSTL student-athlete. "These kids, these athletes, are all something, aren't they?" she says. "They manage their time extremely well. Some of them could probably play Division I, but they come here for the academics. They're driven."

Bleeding red and green

As for outside interests, she admits there are times when it's good to get away and spend time with a good book, good friends or her family, which includes three generations of nieces and nephews. Lasater says she's constantly looking to improve her self. "It's not challenging, it's not interesting," she says. "I take them to dinner at night and I'm working through a creative writing course assigned by the director of athletics."

Kathy Lasater, Intramural administrative assistant, helps junior Kim Comardell as he registers his intramural basketball team in the Intramural Office. "Anything we have tried in WUSTL, in the athletic department, she has been the one to spearhead it," men's basketball coach Mark Edwards says. "She brings the human element to all athletic events — and has from the very beginning."

Washington People

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