Employee discounts abundant

Voluntary benefits also available online

BY ANDY CLENDENN

So you’re going out of town for a much-needed vacation, and you’re looking for the best deals. First, you should visit the University’s Office of Human Resources’ benefits Web site. There, you can find a comprehensive list of vendors who offer discounts on a variety of services. Next, check out “Find a Deal” on the university’s American Airlines will give you a discount.

How about a rental car for those times you aren’t hanging out on the beaches? Several rental firms offer cut rates. No matter how you travel, you’re sure to get a deal.

Fisher to head national programs for Robert Wood Johnson Foundation

BY JIM DREXLER

Although medical advances have greatly enhanced its treatment, individuals with diabetes remain responsible for managing their disease every day of their lives. "Advancing Diabetes Self-Management," a $3.2 million program, will provide up to six 15-month grants to demonstrate and evaluate improved ways of including multidisciplinary diabetes self-management programs into primary care settings.

The second program, "Building Community Supports for Diabetes Care," will offer up to eight 12-month grants totaling $3.1 million to develop and evaluate partnerships among health provider organizations and other community groups to encourage and reduce barriers to diabetes management in people’s daily lives.

Homecoming, Parents Weekend open houses, events Oct. 25-27

BY NEIL SCHEINBERG

Parents Weekend 2002 will take place Oct. 25-27. The event is being held in conjunction with Homecoming and will feature several new additions this year.

For Parents Weekend, registration and check-in begins at 8:30 a.m. today at the Office of Orientation and Parents Weekend Programs at the Women’s Building. Parents are then invited to join their son or daughter in class or to visit a variety of other classes throughout the day.

Health Fair 2002 will take place in Mallinckrodt Student Center from 9 a.m. to 3 p.m. today. The fair allows parents and students to collect information and talk to experts about a wide range of health-related topics.

The Freedom Papers will be the topic of discussion during a lecture from 11 a.m. to noon today in Louisier Hall. American Culture Studies in Arts & Sciences faculty, students, and alumni will discuss the writings of 206 enslaved African-Americans in Missouri who sued for their freedom in the decades before the Civil War. Chancellor Mark S. Wrighton will present "Enhancing the Student Experience" from 10-11 a.m. Oct. 26 in the Arts & Sciences Laboratory Science Building, Room 300. He will discuss what the University is doing to enhance the educational experience of undergraduate students, including new programs and new buildings.

See Parents, Page 6
**Changes are yet to come.** The fur-
daytime hours, and a few major
ly on the library's resources.

Level B is two floors below the
level, and the restroom facilities are
available. The renovation, visit
areas, faculty carrels and study
spaces. The renovation has been installed to accom-
mulate many more books, an
space and many other bene-
changes. Level B is open,

**No-tolerance construction**
Architecture seminar aims to achieve perfection

By IAN O'FARRELL

**What it looks simpler than per-
Taddeo Ando's Pulitzer Founda-
the Art, which opened in 1980, dis-
the New York Times. Ando's
projects. Tadori continues.
"You can't go back and adjust
supervised construction of some
of the most intriguing and most
imaginable."
Tadori's now-recognized work has
been carefully organized, and the
students began loading the
cast concrete, using the same "recipe" of
wet mixture; and operating the "concrete
molds; blending, pouring and
casting or a doorframe. Ando's archi-
ged or discoloration, painstaking
workSMITHSONIAN MAGAZINE

**Department of Women's Studies takes new name**

By ANDY CLENDENNEN

**The Department of Women's Studies in Arts & Sciences has a new name. It is: now the Department of Women and Gender Studies.**

Linda L. Nicholson, Ph.D., the Susan E. and William P. Stiritz Distinguished Professor of Women's Studies and History in Arts & Sciences, and director of Women and Gender Studies, pro-
posed the name change in a

**Washington University in the City of St. Louis**

Gerti and Carl Cori won the 1947 Nobel Prize in physiology or medicine for their discovery of the course of the catalytic conversion of glycogen. In key
memories, this validated the enzyme that starts the conversion of animal starch to sugar.
The Cori joined the University faculty in 1931. Gerti was the first American woman to win the
Nobel Prize. The Coris were the only scientists in their field in the ensuing years, six future Nobel laureates worked in the Cori lab early in their careers.

**Washington University will be celebrating its 150th anniversary in 2007-08.**

Special programs and events will be announced in the weekly campus publications.
Depression study needs volunteers

**BY JIM DJERASSI**

Investigators in the School of Medicine seek volunteers to participate in a research study for forms of depression that do not respond to standard treatment.

Depression is the most common of all psychiatric illnesses, affecting about 15 percent of all people at some point in their lives. It has enormous economic consequences — treatment, hospitalization and lost work time cost the U.S. economy about $20 billion every year.

"Most depressed people respond well to antidepressant drugs," said Keith E. Isenberg, M.D., the Spencer T. Olin Professor of Research in Arthritis, professor of pathology and immunology, and investigator of the Howard Hughes Medical Institute.

Isenberg and colleagues have conducted similar studies in the past, to determine whether a combination of medications might help people who don't respond, so we're reposting this study within hours, far faster than the several days it takes the other and larger body of immune killer cells, called T cells, to mount a response.

"The system's initial strike force that work to hold off the invading virus until the army of T cells can be mustered to fight and control the infection. In addition, NK cells are known to recognize and destroy certain kinds of tumor cells and to play a role in bone marrow transplant rejection, said Yokoyama, who also is a member of the tumor immunology program at the Alvin J. Siteman Cancer Center at the School of Medicine and Barnes-Jewish Hospital.

Yokoyama's team studied mice infected with murine cytomegalovirus (MCMV). In research published last year in the journal Science, Yokoyama's team found that NK cells detect MCMV-infected cells using a molecular detector, or receptor, on their surface.

"We've got NK cells that lacked the receptor were unable to control the virus and died.

"The earlier study revealed that a particular activation receptor is involved in protection by NK cells," Yokoyama said. "Now we've discovered what that receptor is."

To verify that the protein, known as m157, causes NK cells to destroy infected cells, the investigators transferred the protein into a line of tumor cells not normally recognized by NK cells. The immune cells killed the tumor cells.

"Perhaps someday we can exploit this ability and harness the power of NK cells to eradicate tumors or control other kinds of infections," Yokoyama said.

The investigators also found that M157 originates in the virus and not in the infected cells. For clues about the function of the protein, they used a special computer program that predicts the final shape of the protein based on its sequence of amino acids.

"To the researchers' surprise, the protein appeared to mimic the shape of a cellular molecule known as major histocompatibility complex (MHC) class I. The virus also had 12 other proteins that mimicked MHC class I molecules.

MHC class I molecules are molecular flags that tell immune cells whether cells in the body are healthy or infected. The molecules that mimic MHC class I, including m157, also are produced by the MCMV infected cell for the virus and presumably are displayed on the cell's surface.

"The question is what do these molecules do for the virus?" Yokoyama said. "Are they also detected by NK cells, or are they involved in evading the immune system?"

To date, the only known function of such molecules is to help viruses evade detection by T cells, he explained. The discovery that MHC class I molecules can also be recognized by NK cells means that mimicking MHC class I suggests that the immune system may use receptors on NK cells as a general mechanism to respond to certain viruses.

"Perhaps there are proteins like 157 and other viruses are detected by related kinds of receptors in the body," Yokoyama said. "Not only in mice, but perhaps in humans as well."

**Fisher**

Programs support projects to improve diabetes

**Fisher also is head of the Division of Health Behavior Research in the Departments of Pediatrics and Medicine and head of Prevention and Control Research in the DRTC and the Abram S. Eisenman Cancer Center at the School of Medicine and Barnes-Jewish Hospital. The two Robert Wood Johnson Foundation Programs will fund an initial group of projects that continue into 2004, based on the findings from these grants, the Diabetes Initiative expects to fund two to three major multiyear projects in the future.**

Fisher also is head of the Division of Health Behavior Research in the Departments of Pediatrics and Medicine and head of Prevention and Control Research in the DRTC and the Abram S. Eisenman Cancer Center at the School of Medicine and Barnes-Jewish Hospital. The two Robert Wood Johnson Foundation Programs will fund an initial group of projects that continue into 2004, based on the findings from these grants, the Diabetes Initiative expects to fund two to three major multiyear projects in the future.

"Currently, we're evaluating the proposals and over the next few months we anticipate funding 14 projects," Fisher said. "This is not the last of our proposals and over the next few months we anticipate funding 14 projects."

To the researchers' surprise, the protein appeared to mimic the shape of a cellular molecule known as major histocompatibility complex (MHC) class I. The virus also had 12 other proteins that mimicked MHC class I molecules.

MHC class I molecules are molecular flags that tell immune cells whether cells in the body are healthy or infected. The molecules that mimic MHC class I, including m157, also are produced by the MCMV infected cell for the virus and presumably are displayed on the cell's surface.

"The question is what do these molecules do for the virus?" Yokoyama said. "Are they also detected by NK cells, or are they involved in evading the immune system?"

To date, the only known function of such molecules is to help viruses evade detection by T cells, he explained. The discovery that MHC class I molecules can also be recognized by NK cells means that mimicking MHC class I suggests that the immune system may use receptors on NK cells as a general mechanism to respond to certain viruses.

"Perhaps there are proteins like 157 and other viruses are detected by related kinds of receptors in the body," Yokoyama said. "Not only in mice, but perhaps in humans as well."

A gem of an idea (From left) William A. Pack, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, D.C. Rao, M.D., director of the Division of Biostatistics and GEMS program director, and Chancellor Mark S. Wrighton celebrate the recent inaugural reception of the GEMS (genetic epidemiology master of science) program at the Bernard Becker Medical School. The primary goal of the GEMS program is to offer training in the field so that graduates can pursue research and industry jobs.
A gaming in Missouri • The Craft of Poetry • Mastery and Monsters

BY MARY KASTENS

**Exhibitions**

The Booth at Kranz. *ABSTRAKT: Tension*

Central Campus Library, 4800 Washington Ave., St. Louis, 63110. Gallery of Art, 660 South Bldg., Rm. 3907, Philip Needleman Library. 935-6543, and all MetroTix outlets. For further information, call 935-6543.

**Films**

Friday, Oct. 25

**Lectures**

Friday, Oct. 25


Monday, Oct. 28


Monday, Oct. 28


Monday, Oct. 28


Monday, Oct. 28


Monday, Oct. 28


Monday, Oct. 28


Monday, Oct. 28


Monday, Oct. 28


7 p.m. Pedagogical Languages and Literatures Seminar: "Teaching Pedagogy in the Classics Classroom." Valery I. Steinberg, assoc. prof, of classics, Hamilton College. Steinberg Hall Aud. 935-5123.


On Stage
Friday, Oct. 25

Saturday, Oct. 26
12:30 p.m. Football vs. Case Western Reserve University. 362-4753.

Sunday, Oct. 27
11 a.m. Women's Soccer vs. Branden U. Francis Field. 362-4753.

Wednesday, Oct. 30
7 p.m. Women's Soccer vs. Westminster College. Francis Field. 362-4753.

Worship
Saturday, Oct. 26
6:30 p.m. Catholic Mass. Campus Ministry. 362-6543.

Sunday, Oct. 27
11 a.m. Women's Soccer vs. Branden U. Francis Field. 362-4753.

Wednesday, Oct. 30
7 p.m. Women's Soccer vs. Westminster College. Francis Field. 362-4753.
Hoehe paces field as cross country sweeps

Junior Matt Hoehe was the top collegiate finisher and senior Brooke Lane placed fourth in the women's race as the Bears swept the Saint Louis Five-Mile Invitational Oct. 18 in Decatur, Ill. Hoehe, who had been second alternate on the course, was the first Bears' runner to finish in 25:47.03 to lead the men to their second straight team champi-
onship of the season. Four Bears placed in the top 10 as the men's team finished with 27 points, which was 3 points in second place of second-place finisher Greenville College. The women dominated the meet with 29 points. Lane and juniors Mindy Kuhl and Melanie Milazzo claimed the fourth through sixth spots as the Bears won their third team championship of the season.

Other updates

The No. 1 volleyball team won at least 30 matches for the 17th straight season as the Bears posted five victories en route to defeating Southern Illinois-Edwardsville Oct. 17. In winning the WU Midwest Invitational Oct. 18-19, in the Midwest Invitational, the Bears defeated No. 14 Nebraska Wesleyan 3-0 (30-27, 30-29) and St. Olaf College (3-1) Oct. 18 and then outlasted the Bluejays Oct. 17 and Simpson College (3-0) Oct. 17 in a four-game sweep. Brooke Ressel had 51 assists against Nebraska Wesleyan as she became the Bears' third player in school history to have 4,000 career assists.

The Bears hosted a two-game losing skid and opened the Midwest Athletic Association season with a victory as the Bears posted a 38-17 win over Fontbonne College Oct. 17. Brenda Holler scored the Bears' only tally.

The men's soccer team dropped its only match, a 1-0 decision to Webster University at the Bears' home opener Oct. 17. The Bears, who dropped to 5-6-1, haven't lost a game since winning four games.

The women's soccer squad played just one game last week, dropping a 4-1 decision at McKendree University. The Bears fell to 10-6-1.

The Bears' soccer agenda includes a two-game weekend at home Oct. 26-27 against Washburn and Central Missouri.

The University contribution to the program contained the fol-

The University contribution to the program contained the fol-


Parents

Open houses, information sessions, tours each day

The football team takes on Case Western University in the University Athletic Conference Oct. 26 at 12:30 p.m. Oct. 26 at Francis Field, with events starting at 11 a.m. outside the stadium. Tickets must be purchased for the tailgate party.

Students can buy tailgate party tickets at the Office of Student Activities. Parents and guardians can buy tickets at the Office of Orientation and Planning 1 month prior to the event.

Open houses, information sessions and tours are offered each day during each of the three days of Parents Weekend.

For more information, contact Melanie Osborn, assistant director of enrollment management, at 314-935-8300 or visit parentsweekend.wustl.edu.

Bears running back Matt Pothke had a career day against the Owls Oct. 16.

Campus Watch

The following incidents were reported to University Police Oct. 8-22. Readers with informa-
tion that could assist in investigating these incidents are urged to call 935-5111.

Oct. 17

There were too few, and that an unknown person had damaged and fouled the roof thatch in the east stair of Lee Residence Hall. Total loss is estimated at $200.

19:21 p.m. — A person stated that he was building on the west face of Oct. 20, an unknown person stole seven showers behind the men's and women's showers on the third floor of Lee Residence Hall. Total loss is estimated at $375.

Additionally, University Police responded to three reports of property damage and one report of larceny.

Employment

Bears running back Matt Pothke had a career day against the Owls Oct. 16.

Conference More than 140 to attend New Horizons Briefing from Page 1

by David D. Ewing

Bears running back Matt Pothke had a career day against the Owls Oct. 16.

Confession More than 140 to attend New Horizons Briefing from Page 1

by David D. Ewing

Bears running back Matt Pothke had a career day against the Owls Oct. 16.
4 take alumni and development director positions

By Barbara Rea

Katie Pope and Candice Shamia have joined the alumni and development programs, announced by David T. Horsman, vice chancellor for alumni and development programs.

In addition to his position as a civil engineering assistant professor at the University of Minnesota, David T. Horsman is also the chairman of the National American Institute of Mechanical Engineers. He was appointed to the position in 2001, when he joined the St. Louis section of the ASCE.

Before moving to St. Louis, Pope developed programs for private colleges. She also worked in planning for the Episcopal Church Foundation and directed development opportunities for the island community of Shetland in New York City.

She earned a bachelor's degree in psychology at the University of Missouri in 1996, a master's degree in psychology at the University of Minnesota in 1998, and a doctorate in psychology at the Yale University in 2002.

In 2001-02, she was a visiting scholar at the University of California, Los Angeles. Her primary research interests are in the field of international political economy with special emphasis on international organizations and foreign direct investment.

Philip L. Gould, Ph.D., the Harold D. Safety Professor of Civil Engineering, was recently appointed to the chair of the Department of Civil Engineering and the American Society of Civil Engineers (ASCE).

The ASCE recognizes the importance of professional achievement in the advancement of the science and profession of civil engineering. Gould was appointed annually to a member of the St. Louis section of ASCE.

Gould is an engineer to the St. Louis Engineering and has made substantial contributions to the engineering profession and the St. Louis section, including lasting achievement in improving the conditions under which civil engineers practice, improving educational programs, and guiding civil engineering students in the formative stages of their careers.

Gould has been a member of the St. Louis community since 966, when he joined the civil engineering faculty at the University. He earned bachelor’s and master’s degrees in civil engineering from the University of Illinois and a doctorate from Northwestern University.

Between earning his master’s and doctoral degrees, he worked as a structural engineer for the design of institutional and multiuse buildings and high bridges. He held the department chair for two decades. His research activities have centered on thin shell structures with applications to finite element analysis, biomechanical engineering, earthquake engineering, soil-structure interaction and the design of hyperbolic cooling towers.

He has spoken in the fields of thin shell analysis, earthquake and wind engineering, introductory elasticity and finite element analysis. He has been published in many journals.

He has been active in several professional organizations, particularly the ASCE, the American Concrete Institute and the Earthquake Engineering Research Institute.

He currently serves as the program coordinator for education for the National Science Foundation-sponsored Mid-America Earthquake Center. He is also the chairman of the Missouri Seismic Safety Commission and a Director of the Structural Engineers Association of Kansas and Missouri.

Three chemical engineering students win national design awards

By Tony Fitzpatrick

Three recent graduates of the Department of Chemical Engineering have won esteemed design awards in the National American Institute of Chemical Engineers (AIChE) national student design competition and will be honored at the AIChE annual meeting Nov. 4 in Indianapolis.

Corey S. Harris, Katherine Rogers and Andrew Tillinghast gave the University's chemical engineering department the distinction of two straight years in which students from the University have taken top honors.

"This is an outstanding achievement and speaks well of our students who come through the Chemical Engineering curriculum," said Milford Dukovich, Ph.D., the Laura and William Jens Professor of Environmental Engineering and chair and professor.

"We're very proud of our students, and the department is grateful to Dr. Charles Carpenter for inspiring and motivating students in our design course."

The team won "The William Cunningham Award for First Place Team" in the 2002 National Student Design Competition. This award recognizes its solution to the 2002 chemical engineering case, which consists of a plaque and $500, to be divided equally among team members.

The group will present a summary of its solution at the AIChE annual meeting. The team also won the Safety and Health Division Award for the best application of the concept of inherent safety in our design course. This award recognizes the group's solution to the 2002 contest problem and consists of a plaque and $300, to be divided equally among team members.

The team also won the Safety and Health Division Award for the best application of the concept of inherent safety in our design course. This award recognizes the group's solution to the 2002 contest problem and consists of a plaque and $300, to be divided equally among team members.

Prior to joining the University's alumni and development programs in 1995, he held a number of professional positions in the St. Louis business community.


The talk was held in conjunction with the exhibition "Work in Progress: Plans, Models and Photographs of the St. Louis MetroLink Extension," which includes several models built by Scott Adams, a master's candidate in the School of Architecture, and recent graduate Joel Funes. Other panelists included Patrick Schuchard, the E. Desmond Lee Professor for Community Collaboration, "Public Works: Collaboration, Evolution and Process" at the Sheldon Art Galleries, 3648 Washington Blvd., Oct. 19.

The talk was held in conjunction with the exhibition "Work in Progress: Plans, Models and Photographs of the St. Louis MetroLink Extension," which includes several models built by Scott Adams, a master's candidate in the School of Architecture, and recent graduate Joel Funes. Other panelists included Patrick Schuchard, the E. Desmond Lee Professor for Community Collaboration, "Public Works: Collaboration, Evolution and Process" at the Sheldon Art Galleries, 3648 Washington Blvd., Oct. 19.

A place for everything

Tava Lennon Olsen, Ph.D., associate professor of operations and manufacturing management in the Olin School of Business, always has preferred things to be organized, because "it makes things work better."

As a child growing up in Auckland, New Zealand, she says she learned on frequent family holidays and outings in her beautiful country that there was a lot of value in detailed planning.

Now, Olsen has taken her passion for efficiency to a new level with her cutting-edge research in manufacturing operations modeling and her award-winning teaching style.

Olsen joined the Olin School in 2000 and is part of the school's increased recognition faculty in supply chain and operations and manufacturing management. She is quickly making her mark.

"She is a first-rate scholar and a role model for our younger faculty, most especially our women faculty," says Dean Stuart I. Greenbaum, Ph.D., of the Olin School.

"Tava is passionate about her work, with main contributions in our better understanding of the impact of operational uncertainty on the performance of production and service systems," says associate professor of Operations and Service Management Gordon Newby. "She is a productive researcher, with main contributions in our better understanding of the impact of operational uncertainty on the performance of production and service systems."

"When you really feel like you've made a difference — that's when you're doing a good job," says Olsen.

"I really like my colleagues," she says. "All the women faculty at Olin are very close — we go to lunch together and keep each other's offices to talk."

"I really want you to put in the time and effort," Olsen says. "I like things to be efficient, and everything to be organized."