Students help Fossett complete journey

BY KEVIN M. KILEY

Barry Tobias grabbed a sheet of paper that the Mission Commander had just printed out and hurriedly walked it over to the media area after a side of Buckingham Hall, Room 300, where a news conference was under way.

“Fossett had become the first person to fly solo around the world in a balloon,” Tobias, an engineering student serving as assistant air traffic control coordinator, said. “The paper was passed through a chain of hands until it landed in front of Mission Control Director Joe Ritchie, who, along with other flight team members, was seated before a throng of reporters and television cameras. Ritchie skimmered over the paper—the official report—confirming the exact location of Steve Fossett’s Bud Light Spirit of America and declaring that the landing had been accomplished.

“Fossett landed safely and handshakes, hugs and pats on the back...”

Cell phone radiation doesn’t cause cancer in lab rats, study shows

BY DARRELL E. WARD

Radiation from cell phones doesn’t appear to cause cancer in rats, according to a study by researchers in the School of Medicine.

The research team exposed rats to the two most common types of cell phone radiation for four hours a day, five days a week for two years. “We tried to mimic a high level of exposure that humans might experience,” says study leader Joseph L. Roti, Roti, a professor of radiation oncology, who, along with other cell biology and physiology researchers, “found no statistically significant increases in any tumor type, including brain, lung, liver or kidney, compared to the control group.”

Recent University graduate Emily Fredrix, media coordinator for Steve Fossett’s flight, leads a news conference just printed out and hurriedly handed to her. “Fossett became the first person to fly solo around the world in a balloon.”

More than a decade, a public debate has centered on whether cell phone radiation causes cancer, particularly brain cancer. “Radiation exposure is a long-term, indivisible, high-dose study was under way, and we want to address that question,” the research team

“Fossett landed safely and handshakes, hugs and pats on the back...”

HHMI grant to promote enhancement of biology education

BY TONY FITZPATRICK

The University is the recipient of a grant from the Howard Hughes Medical Institute (HHMI) to enhance undergraduate biology education, graduate teaching skills and the incorporation of cutting-edge scientific disciplines into undergraduate biology education. Undergraduate biology education is in the midst of a revolution, and 44 research universities will receive $80 million from HHMI to help them address the challenges of a rapidly changing and increasingly interdisciplinary science.

The four-year grants to universities in 28 states and the District of Columbia range from $1.2 million to $2.2 million. A panel of scientists and educators reviewed proposals from 189 institutions. The University, which has been funded by this program since 1992, will receive $2.2 million over four years to provide wide-ranging services and support for undergraduate and K-12 science education. Sarah C.B. Elgin, Ph.D., professor of biology in Arts & Sciences, directs the Washington University Undergraduate Biological Sciences Education Program. The University was funded at $1.7 million, plus interest, in 1992; $1.8 million in 1994 and $1.7 million in 1998 from the HHMI program.

“...the participants described the benefits of these efforts. We’re very grateful for their ongoing support.”

The University will use the grant to:
Law school honors 5 at medallion ceremony

By JESSICA N. ROBERTS

The School of Law recently honored five faculty members at a recent medallion ceremony at the St. Louis Club.

The chieft-holders are David M. Becker, J.D., the Joseph H. Zumbahlen Professor of the Law of Property; Kathleen F. Brickley, J.D., the James Carr Professor of Criminal Jurisprudence; Michael W. Greenfield, J.D., the Walter D. Coles Professor of Law; Stephen H. Legomsky, J.D., D.Phil., the Charles E. Nagel Professor of International and Comparative Law; and Daniel R. Mandelker, J.D., the Howard A. Stamper Professor of Law.

This medallion ceremony is a wonderful opportunity to pay tribute to the outstanding work of five of our most distinguished faculty members," said Joel Seligman, J.D., dean and the Ethel A. H. Shepley University Professor in the School of Law. "We are truly proud of their teaching and scholarship and the impact they have made on the School of Law, the University and the legal profession."

Joseph H. Zumbahlen, for whom Becker's law school chair is named, entered law school at the University from 1918-1920 and is the University's legal adviser and secretary treasurer.

Becker has taught at the School of Law for 40 years, he highly regarded teacher, he received the 1973 Distinguished Faculty Award at Founder's Day and was the inaugural recipient of the Law Alumni Distinguished Teaching Award given in 1988. He is the author of scores of books and articles, much of his work concerns Rule Against Perpetuities.

Becker is the associate dean for external relations and, since 1990, he has held the chaired professorship. Before becoming a law professor, he practiced in Chicago.

Becker earned a bachelor's degree from Harvard University and a law degree from the University of Chicago.

Brickley's chair is named in honor of James Carr. Known as a distinguished old citizen and prominent member of the St. Louis bar,

"This medallion ceremony is a wonderful opportunity to pay tribute to the outstanding work of five of our most distinguished faculty members," said Joel Seligman.

Greenfield is a leading expert in transportation law that was awarded by a research arm of the National Academy of Sciences.

Greenfield has been on the law school faculty for more than 30 years. In 1995, he was installed in his current endowed position in recognition of his pioneering research and teaching in the area of consumer law. He has served as a Federal Reserve Board's Consumer Advisory Council, and in 1997, he was elected to the American Law Institute.

Greenfield is a leading expert in the field of consumer law and has led national initiatives to revise the Uniform Commercial Code. He is the author of the casebook Consumer Transactions, which in 1999 received the American Immigration Lawyers Association's annual book award.

"Service First is a great way for us to welcome students to the School of Law and introduce them to the St. Louis community," said Stephanie Kurtzmann, coordinator of community service and women's programs. "Kurtzmann also serves as coordinator of Service First. "We hope the students become engaged in a life of community service during their college years, and that they remain responsible citizens wherever they go next. We are grateful to the schools in St. Louis and University City for opening their doors for another year, allowing our students to leave an impression on the lives of many." For more information or to volunteer, call Kurtzmann at 933-5994.

Washington University in St. Louis.

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Estrogen could prevent tooth loss in older women

While some recent studies have suggested that estrogen replacement therapy in women after menopause increases the risk of breast cancer and stroke, School of Medicine researchers argued that a possible benefit of hormone therapy is saving teeth.

Postmenopausal women who took a daily dose of estrogen along with calcium and vitamin D and regular dental checkups improved the condition of their jaw, which could potentially reduce the risk of tooth loss. Women who had regular checkups but took only calcium and vitamin D also improved jaw mass and density, though to a significantly lesser extent than those who received estrogen.

Jenkins and his team, the first prospective, controlled study aimed at determining the effects of estrogen on the jaw. The study appeared in the June 24 issue of Archives of Internal Medicine.

Tooth loss is fairly prevalent in the older population, particularly in people over 65, around 45 percent of whom have lost all their teeth," said Roberto Civitelli, M.D., professor of medicine and of cell biology and physiology. "The risk is higher for women aged 65 or older and continues to increase the longer a woman has been postmenopausal, so many people with dentures that I think this really requires more attention, particularly as the population ages."

Estrogen has already been shown to help reverse the effects of osteoporosis and to improve bone density in postmenopausal women. Civitelli's team wanted to find out whether these benefits elsewhere in the skeleton also translate to the jaw bone, particularly the alveolar bone, which supports the teeth. Loss of teeth in these areas also increases with age and is believed to be a risk factor for tooth loss when combined with periodontal disease.

The team randomly assigned 135 postmenopausal women with no evidence of periodontal disease into one of two groups. One group took estrogen tablet once a day while the second group took a look-alike sugar pill. All women received daily calcium and vitamin D supplements as well as regular dental care and routine cleanings. All participants continued treatment for three years. Women who received hormone replacement therapy had a significantly greater increase in alveolar bone mass compared with those who took the placebo.

Researchers also measured changes in bone mineral density of the lumbar spine and the femur, the leg bone attached to the hip. Women taking estrogen had a significant increase in bone mineral density in the femur, whereas their placebo counterparts did not. The effects of estrogen on jawbone density seem to reflect an overall effect on the skeleton, since improvements in the facial bones of women on estrogen correlated with increases in lumbar spine and femur.

"This means that if you can prevent bone erosion in the jaw with calcium and vitamin D, but those supplements are not sufficient to restore bone loss," Civitelli said. "However, estrogen does appear to restore bone throughout the body."

The study also plans to examine whether estrogen alternatives provide similarly beneficial results. It also is worth noting that two methods to test jawbone density to try and identify women at risk for overall skeletal health and osteoporosis.

The results support Civitelli's hypothesis that estrogen therapy could help prevent tooth loss after menopause by increasing bone density in the face.

Virus in babies might cause asthma

While most scientists agree that asthma is an allergic disease, the new study suggests that a virus infection in the first year of life might set off a chain of inflammatory changes in the immune system, causing chronic respiratory problems later.

"We hypothesized that an early viral infection may increase during an asthma attack, and our results suggest that the anti-viral response also increases and there is an inflammation," said Loy Holtzman, M.D., the Salma and Herman Selmin Professor of Medicine and professor of cell biology and physiology. "We think that a virus in infancy or childhood creates a hit-and-run infection when a brief infection causes permanent changes in the body's anti-viral response.

Holtzman led the study, which appeared in the July 15 issue of the Journal of Clinical Investigation. The team hypothesized that lower respiratory illness in children is paramyxovirus infection, which often arises in the winter regardless of whether the child develops asthma. But children who have yet to figure out how the short-term influence of this viral infection leads to a long-term condition of respiratory inflammation and distres;

Holtzman's team examined mice with bronchiolitis — the viral infection that can lead to the immune system cells flooded the lining of the lungs, attracting infectious cells and inflaming the tissues. After weeks of infection, the lungs remained extremely sensitive, or hyperreactive, to asthma triggers. But mice populated with mucus-producing cells after three days of viral infection were less reactive to asthma triggers. Holtzman suggested that reducing the amount of mucus-producing cells could reduce asthma attacks.

"Since each of these changes is also a long-term symptom of asthma, the findings may provide a link between the response to viral infection and the development of asthma in a child's lung," Holtzman said.

Unfortunately mice that instead were exposed to a common experimental allergen, called ovalbumin, also developed similar inflammation of the airways, but these mice recovered by themselves within two and a half months. To see what happens if the initial airway response was prevented, the researchers examined mice that encoded one of the main proteins that control immune-cell traffic, intercellular adhesion molecule (ICAM-1). As expected, mice lacking ICAM-1 that were infected with this virus were initially healthier than their normal counterparts, with far less airway inflammation, less weight loss and lower mortality rates.

Interestingly, though, these mice developed chronic asthma-like changes similar to normal mice — they reacted to the same level of airway hyperreactivity and mucus-producing cells as normal mice by 11 weeks after infection.

The team also discovered that mice treated with glucocorticoid, a common anti-asthma medication, before cellular remodeling began were at least partially protected from the chronic effects of viral infection.

Overall, the findings raise the possibility that asthma not only resembles a persistent anti-viral response but may actually be caused by one," Holtzman said. "These results in mice provide a further basis for determining exactly how similar events may develop in children and adults with asthma."

Washington University in St. Louis

University faculty listed among top physicians nationally

By ANNE RANGERT

The School of Medicine is home to some of America's top doctors, according to a recently released directory of leading physicians in the United States and Canada. This year's directory includes 88 Washington University physicians at Barnes-Jewish and St. Louis Children's hospitals, physicians were selected through a nomination process in which doctors were asked to identify their recommended friends and family members. Potential candidates from the medical school are selected from over 20,000 nominations.

Connolly Medical Ltd. published the book, America's Top Doctors. The book is available for $15 and can be ordered online at www.topdoctors.com. The book includes a directory of approximately 200,000 doctors in the United States, but only doctors from the medical school are listed: Michael J. Accili, pulmonary and critical care medicine; L. Brooks Andrews, plastic surgery; Richard D. Asburnson, rheumatology; Mary Beth Axtman, neurology; Keith B. Bridwell, orthopedic surgery; Janice E. Brunstrom, neurology; Michael E. Bunn, radiological physicsology; J. William B. Callihan, infectious disease; James R. Schreiber, reproductive medicine; William J. Catolena, urology; Robert M. Cloninger, psychiatry; Ray E. Clouse, gastroenterology; David B. Wilson, M.D., Ph.D., associate professor of pediatrics. Jenkins is one of 16 budding scientists from the University and local high schools working this summer in the Department of Pediatric's Developmental Biology Research Unit. In addition to daily interactions, these aspiring researchers and their faculty mentors get to every other week to share pizza and talk about science.

Summer science

The summer science program, which started May 27 and will conclude Aug. 15, offers 20 rising high school seniors the chance to work as paid research assistants in the lab of Brian Hackett, M.D., Ph.D., associate professor of pediatrics. Jenkins is one of 16 budding scientists from the University and local high schools working this summer in the Department of Pediatric's Developmental Biology Research Unit. In addition to daily interactions, these aspiring researchers and their faculty mentors get to every other week to share pizza and talk about science.

Cancer research grants now available

Applications now are being accepted for awards from the University's American Cancer Society Institutional Research Grant (ACS-IRG). Applications are due by 4 p.m. Sept. 16. The program provides seed money for new projects initiated by junior faculty members. Awards of up $20,000 are made for one year. Eligibility is limited to instructors and assistant professors who are within eight years of their first independent research or faculty appointment. Individually or as a group, applicants may apply for an ACS-IRG awards or major grants from the National Institute of Health, the National Science Foundation, the American Cancer Society or Veterans Affairs are not eligible. Applicants must be U.S. citizens or have proof of permanent residency at the time of application.

Each application must include a letter from the department chair verifying that the applicant is an independent investigator. All new cancer-related research involving human subjects must be reviewed and approved by the Siteman Cancer Center Protocol Review and Monitoring Committee and the School of Medicine's Human Subjects Committee. Documentation of all required regulatory nonetheless.

For more information, visit the Siteman Cancer Center Web site at www.siteman.wustl.edu/physician/HowtoGetInvolved or contact David B. Wilson, M.D., Ph.D., ASC-IRG committee chair, at dbwilson@wustl.edu. To obtain an application, e-mail Sheri Fisher at fissher@acemedin. wusl.edu.
Lewis & Clark in court

Students, scholars can take 'voyage of discovery'

University Events

From Mouse to Man • The Many Faces of Saint Louis

Music

Brown named to president's board

Presidential search committee announces finalists

University Events

From Mouse to Man • The Many Faces of Saint Louis

Lectures

Wednesday, July 24

Monday, August 5

Monday, August 5

Monday, July 29

Music

Sunday, July 21

Music

Sunday, July 21

Brown named to president's board

President George W. Bush announced July 3 the appointment of Eddie F. Brown, Ph.D., associate dean for community affairs and director of the Kathryn M. Busker Center for American Indian Studies in the George Warren Brown School of Social Work, to serve as a member of the president's Board of Advisors on Tribal Colleges and Universities. Brown and the 13 other newly appointed board members will work to guide overall policy, make annual recommendations for assisting the tribal colleges in key areas, encourage public-private partnerships to benefit the tribal colleges and monitor the federal government's progress in implementing the Executive Order on Tribal Colleges and Universities. The estimated $20 million in federal funds for the tribal colleges are more fully recognized and have full access to federal and private programs benefiting other higher education institutions. The board also will make recommendations to the president and the secretary of education on ways the federal government and the private sector can help tribal colleges strengthen their programs, resources, facilities and use of technology. "Tribal colleges and universities help preserve irreplaceable language and cultural traditions," Bush said. "At the same time, of course, they offer a high-quality college education to thousands of students, and provide much-needed job training and other means of economic development in Indian country."
Militarv officers in the Olin School of Business have launched a unique recruitment program to attract potential M.B.A. students. Under the newly created Olin Veterans Association (OVA), former active-duty Junior Military Officers (JMO) target men and women in the military to come to the Olin School for their M.B.A. When they graduate, the JMOs return as networkers in the officer network in the OVA for career placement.

Two military officers graduating with their M.B.A.s from the Olin School conceived of and developed the program. Working with the school’s admission office, the new student veterans group will target top military officers for the Olin School’s M.B.A. programs. The students believe, after research, this will be the only M.B.A. recruiting plan in which former active-duty JMOs recruit other officers into an M.B.A. program. The OVA should be in place for fall M.B.A. recruitment.

The national business schools and corporate America have long been recruiting JMOs as M.B.A. candidates. "Historically, JMOs do well in school and take major leadership roles there," said Marine Capt. Mark C. "Buck" Lombard, one of six JMOs in the Class of 2002, who is a leader of the Olin veterans group. "JMOs bring more to the table: extensive military experience, high-pressure teams, coping with danger and multiple deployments."

Veterans group targets top students

"Some military officers are highly appealing to potential employers," said Lt. Comdr. Jeffrey Gibson, also Olin M.B.A. Class of '98, added, "In the military you grow up pretty quickly. You’re trained to stay focused, to think grow up pretty quickly. You’re trained to stay focused, to think couple of years ago, and graduate with the same degree as their civilian peers."

"We’re trying to build the Olin brand to the JMOs thinking about business school," Lombard said. "Fortunately, my JMO/M.B.A. classmates have multiple job offers." With salaries starting at $80,000-$90,000, and with signing bonuses and other incentives, JMOs who graduated from the Olin School in May can earn up to $130,000 in their first year.

"Coming from the military, you’ve also exposure to various functional areas of business," Gibson said. "Unlike other schools, which make you to commit to a career track the day you apply, Olin offers the flexibility to create your own area of study. I tailored my classes to my interests in marketing and have been able to take a lot of finance classes that complement that." Lombard said, "Olin has a huge amount of experimental learning opportunities. We have six programs that offer hands-on experience instead of lectures. That helps the transitioning JMO/M.B.A. beef up his or her resume with real-world experience. We fill in our deficiencies in short order."

"We hope in 10 years to offer our JMO/M.B.A. alumni network of jobs and opportunities," Gibson said.

**By Ellen Harris**

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**Information technology program marks second semester**

T his fall marks the second year of a unique program in information technology offered by the School of Engineering and Applied Science.

The Integrative Bachelor of Science in Information Management (BSIM) Program is for adults who already have earned a bachelor’s degree from an accredited college or university. The program offers 49 course credits, including a class and graduate with the same students with whom they began their studies.

The Integrative BSIM Program’s goal is to help students catch up to the rapidly changing technology field and growing. Full-time university faculty members and adjunct professors who currently work in the field of information technology teach the courses.

"I think that a lot of people on campus would find this interesting, because it’s a lockstep program that is highly focused and gives you a lot of work experience as well as personal knowledge and advancement," Kamman said. "Computers are pervasive in the workplace and society, and the program enables a better understanding of your future role in higher education.

Applicants for full enrollment are now being accepted. Learn more about the program at www.engineering.wustl.edu, or contact Kamman at 935-8214.

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**Softball players make all-region**

Three softball players were named to the National Fastpitch Coaches Association (NFCA) Division III All-Midwest Region softball team. Junior Kristin Harrer was named to the first team, while freshmen Victoria Ramsey and Liz Swary were named to the second team. Harrer, who started all 43 games at third base for the Bears, was second on the team in batting average (.346), hits (48) and RBIs (27). She also led the team with 33 runs, two triples and four doubles. A first-team All-University Athletic Association and All-Midwest Region Invitational selection, Harrer became the school’s all-time leader in games played (119), hits (115), runs (72) and walks (23).

Ramsey was the starting pitcher in 22 games and compiled a 14-7 record and a 1.20 ERA. She was on the team with a .339 batting average while leading the team with 18 sacrifice. A second-team All-UAA selection, Ramsey was a four-time UAA Athlete of the Week and was named to the NCAA Division III Central Region All-Tournament team.

Swary started all 43 games at shortstop while leading the Bears with 51 doubles, six home runs, 35 RBIs, a .568 slugging percentage and a .412 on-base percentage. During the season, Swary compiled a 29-game hitting streak, which ranks fifth in Division III history. She was named to the all- tournament team at the Midwest Region Invitational.

In just its third season as a varsity sport, the softball team earned its first bid to the NCAA Division III Tournament and posted a school record for wins in a season with a 24-19 overall record.

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**Sports**

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**TAP technology**

Rebecca Pushimi, graduate student in materials science, and John T. Gleaves, Ph.D., associate professor of chemical engineering and director of the Heterogeneous Kinetics and Particle Chemistry Laboratory in Urbauer Hall, discuss a liquid nitrogen trap for the TAP-2 reactor at Washington University. Liquid nitrogen helps pump out condensable gases to create an ultra-high vacuum for TAP technology. The liquid nitrogen traps for the TAP-2 reactor are used to characterize and develop novel nanostructured materials. Developed and patented by Gleaves and his co-workers, TAP-2 is now being manufactured commercially and is operating in 16 laboratories worldwide.

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**By Tony Fitzpatrick**

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Hilltop Campus

Correction

June 14 issue, Page 4: A photo caption incorrectly identified a person playing golf with Pauline Farmer on Staff Day. At left in the photo was Sharon Donen. The Record regrets the error.

Washington University in St. Louis

Hughes

Grant to be spread over next four years

from Page 1

Presidential Program, which brings 16 to 20 talented and eager students to the university every summer for seven weeks of research.

• Add a new program of HHMI/WSU Summer Undergraduate Education Fellowships that will support a second round of HHMI research this time in science education — for six weeks of summer fellowship — the fellows will be completing the University's five-year program that produces 120 undergraduate science majors with a master's in teaching.

• Continue support for students and materials for the Washington University Natural Sciences Learning Center, which provides part-time work for freshmen/sophomore biology students who have access to these assistants, peer tutors and computer-based information and learning tools.

• Develop a new Web-based tutorial and placement test focusing on stoichiometry and principles of mass and energy conservation and support follow-up workshops that will enable students to work toward a correlation to succeed in their freshman-year general chemistry classes.

• Develop and implement "Integrative Science," a "Calculus I," challenging students working together to use their newly acquired knowledge and skills in the analysis of data collected from actual scientific phenomena. University pilot studies indicate that this group of students is generating a "ladder" effect, with a small second-semester group of students who are in continuing study mathematics. Approximately 800 students majoring in science and engineering will partake in small laboratory groups.

• As a prelude to developing a special major in computational biology, develop an advising capability for this area and institute a junior/senior level course in genomics.

• Develop advanced laboratory courses in biology, biochemistry and pre-medical programs that cover inter-disciplinary problems to guide small groups of students through a research experience.

• Establish the successful program for K-8 teachers.

• Faculty development for K-12 teachers.

• Continue support for "Modern Genetics for All Students," a one-course sequence in genetics for biology majors.

• Develop an ever-expanding curriculum to ensure that it could have "dragged a balloon envelope would not have

Fossett

Adventurer reached 200 mph over S. Africa

from Page 1

unharmed at 4:34 p.m. St. Louis time. The balloon was launched from the Yamma, Queensland — a remote area in Australia leased by Barron Hilton, from hotel owner Barron Hilton, next to Charles Lindbergh's next to Charles Lindbergh's

Washington University

Cell phone

Study looked at 480 rats over two years

from Page 1

want to miss anything.

The investigators also looked for tumors in nearly 30 other tissues as well. They found no statistically significant increases in any tumor type. They also found no differences in weight or life span between exposed and control animals.

This study on research and radiation and their study of the cells for genetic damage, gene damage from radiation, with the media, providing radio activities and responding to phone calls for Fossett.

"I am especially proud of the students here at Mission Control," said Steve Wright. "I am also grateful to our public affairs staff for assistance with the media release report that I drafted after landing."

At times, the Bad Light Spirit of Freedom flew at more than 20,000 feet and July 1 over the eastern coast of South Africa — as it soared across the Southern Hemisphere, the flight reached the coast of Chile June 26 and passed the halfway point early in the morning on his next day.

Chief Meteorologist Law. Trullemans guided Fossett around or above numerous thunderstorms and cloud systems along the flight path, constantly making adjustments as the mission continued.

Shortly after landing, Fossett said he received confirmation that the capsule will be hung next to Charles Lindbergh's Spirit of St. Louis in the National Air and Space Museum at the Smithsonian Institution in Washington, D.C.

This was a tremendous opportunity to help out with something the Universe, I was just glad to be a part of it."
Notables

Norman J. Schofield, Ph.D., the Walter E. Disney Professor of Pediatric Policy in Arts & Sciences, professor of economics and psychology, director of the Center for Pediatric Policy, recently received the second William F. Riker Prize for his contributions to research on social choice, political economy and democracy.

Pattie S. Green, Ph.D., professor of pediatrics, has received a two-year, $100,000 grant from the Alzheimer’s Association for research titled “Effects of Estrogen on Glial Astrocytes and Glycolytic Expression in Models of Alzheimer’s Disease.”

Patrick Geraghty, M.D., assistant professor of surgery, has received a two-year, $110,000 grant from the Heartland Affiliate Research Committee of the American Heart Association for research titled “Immuno-modulatory Mechanisms in Abdominal Aortic Aneurysms.”

Edwin Trevathan, M.D., associate professor of neurology, has received a one-year, $93,703 grant from the Department of Health and Human Services Public Health Service for research titled “Status Epilepticus: Outcomes in the United States.”

Teddy Meyer, graduate research assistant in medicine, has received a five-month, $35,000 grant from the American Federation for Aging Research for research titled “The Effects of 3-month EHLE Supplementation in Older Adults on Vasculature Reactility.”

Faculty members receive promotions, tenure at Board of Trustees meetings

A t the March 1 and May 2 meetings of the Board of Trustees, the following faculty members were granted tenure or promoted with tenure, effective July 1 unless otherwise noted.

Promotion with tenure

H. Ajit Johlan, to associate professor of chemical engineering.

Steven L. Brody, to associate professor of medicine effective March 1, 2002.


Mario Castro, to associate professor of biology.


Bradley A. Evansoff, to associate professor of medicine effective March 1, 2002, and to associate professor of occupational therapy effective March 1, 2002.

Robert S. Goldstein, to associate professor of medicine.

Robert George Hansman, to associate professor of architecture.


Barbara N. Kunsel, to associate professor of biology in Arts & Sciences.

Louis M. Megilla, to associate professor of pediatrics effective Jan. 1, 2002 with tenure effective March 1, 2002, to associate professor of obstetrics and gynecology and to associate professor of molecular biology and pharmacology, both effective Jan. 1, 2002.

Eric P. Munford, to associate professor of architecture.


Theodore W. Parsons, to associate professor of history in Arts & Sciences, and to associate professor of African and Afro-American Studies in Arts & Sciences.


Jeff Smith, to associate professor of performing arts in Arts & Sciences.

Radhakrishna Sureshkumar, to associate professor of computer engineering.

Milo White, to associate professor of psychology in Arts & Sciences.


Grating of tenure

Peter A. Joy, as professor of law.

Frank G. Gilliam, as associate professor of neurology, effective March 1, 2002.

Darby named dean of program

By Tom Fitzpatrick

William P. Darby, Ph.D., was named dean of the University of Missouri-St. Louis Washington University Joint Undergraduate Engineering Program, effective July 1. Darby replaces John Russell, Ph.D., who retired from Washington University at the end of June. Darby served as the first dean of the Joint Undergraduate Engineering Program from 1981-99.

Darby also will serve as vice dean for academic affairs in the School of Engineering and Applied Science (SEAS) and as dean of the SEAS Henry Edwin Sever Graduate School.

Darby, a professor in the Department of Civil Engineering, has been a member of the SEAS faculty since 1979. As associate vice chancellor for students from 1996-2002, he worked with the Office of Undergraduate Admissions and the Office of Student Financial Services.

Darby earned undergraduate and master’s degrees, both in civil engineering, from Northeastern University. He earned a doctorate in civil engineering in 1975 from Carnegie Mellon University.

Darby is a member of Phi Epsilon, Tau Beta Pi, Phi Kappa Phi, Sigma Xi, the American Society of Civil Engineers, the American Society for Engineering Education, the Association of Environmental Engineering and Science Professors and the National Society of Professional Engineers.

Can you take me higher?

The Wohl Student Center parking garage in the South 40 is getting a heating system that will include a third above-ground level to the parking facility, and the project will be completed by the start of the fall semester. Approximately 115 parking spaces for brown parking permit holders will be created by the vertical expansion.

Obituaries

Stephen Zatman, 30

Stephen Zatman, Ph.D., professor of biology and planetary sciences in Arts & Sciences, died in a car accident on Delmar Boulevard in University City, Mo., Tuesday, July 9, 2002.

Robby Hymn Shafier, of the Washington University Hill House, accompanied Zatman in the vehicle and was severely injured in the accident. He was treated at Barnes-Jewish Hospital and released July 17.

"Stephen Zatman was one of the premier young geody- namicians in the country, who had tremendous potential to be an outstanding scientist and mentor," said Raymond E. Arvidson, Ph.D., McDonnell Distinguished University Professor and chair of the earth and planetary sciences department. "In spite of his brief time with us, he was very highly regarded and made an outstanding impact in our department.

Zatman will be greatly missed by his family, his colleagues, and the University at large."


Zatman conducted research on the Earth’s magnetic field, using data from observatories and satellites to infer the workings of the dynamo at the center of the planet, and understand the deformation of the Earth’s crust, in particular the slow crumpling or rifting of relatively stable regions in the middle of continents.

Pat Stephenson, 61

Patricia Ann Stephenson (Pat), a longtime University employee who worked in the research office, died Tuesday, June 25, 2002, of breast cancer. She was 61.

Stephenson was born to Sam and Erma Nickelsberry in St. Louis on March 18, 1941. She attended school in the St. Louis schools and earned her bachelor’s degree in chemical engineering at Sumner High School. She also received a degree in chemistry from the University.

She obtained the rank of sergeant in a member of the U.S. Air Force, where she met and married Robert Michael in 1961. They had two children, James Anthony and Sean Patrick.

In addition to her immediate family, Stephenson is survived by two daughters-in-law, four grandchildren and three sisters.

She was buried in St. Peter’s Cemetery.

Maxwell Cowan, 70

Maxwell Cowan, former professor of marketing management, associate professor of marketing management and associate professor of marketing, died Tuesday, June 30, 2002, at his home in Rockville, Md. He was 73.

The cause was prostate cancer.

Cowan immigrated to the United States in 1966 and was on the faculties of the University of Wisconsin School of Medicine and Washington University. He was the vice president of the Salk Institute from 1980-86, when he became the provost and the executive vice chancellor of Washington University.

Cowan, a distinguished professor of neuroscience at Johns Hopkins University, did pioneering work in neurobiology and was best known for his research into how the wiring of the brain develops, and his efforts to integrate neuroanatomy, neurophysiology and a discipline.

John Jack Dann, 79

John Joseph "Jack" Dann, associate professor in both periodontics and restorative dentistry at the Washington University School of Dentistry, died Tuesday, June 25, 2002, at Bethesda Meadow in Ellenville, N.Y. He was 79.

Herbert Eastlick, 94

Herbert S. Eastlick, instructor of zoology in the early 1930s, died from complications of Alzheimer’s disease on Thursday, June 20, 2002, at the Palouse Hills Nursing Center in Pullman, Wash. He was 94.

R. Palmer, 93

R.P. Palmer, dean of the faculty of Arts & Sciences and history professor from 1965-66, died Tuesday, June 11, 2002, at his home in Newtown, Pa. He was 93.

Hagerty to head marketing for technology management

Thomas G. Hagerty has been named manager of marketing and operations in the School of Medicine’s Center for Technol-

ogy Management. "As we reshape the Center for Technology Management to better facilitate the development of the investigator discovery, Thomas brings the experience necessary to facilitate our goal to integrate the University’s research missions with the community,” said Michael Douglas, Ph.D., associate vice chancellor for technology management.

In his new position, Hagerty will help evaluate faculty ideas in commercial concepts and build processes to facilitate licenses and business ventures. He also will coordinate the center’s business innovation and development programs within the University of St. Louis and the Midwest.

Hagerty worked for IBM Marketing Management and Marketing Strategy Associates. He earned a bachelor’s degree cum laude from Harvard University in 1986 and a juris doctorate from the University of Southern California in 1982.
As director of teacher education, Marilyn Cohn, Ph.D., has impacted students and mentors alike.

Policy-making and administration in 1979. After completing her undergraduate degree, Cohn taught English at Ritenour High School in 1970. Then she "retired" to have a family and stayed home for six years to raise her children — Derek, now 40, and Cheryl, 37.

“When my children got a little older, I started looking for part-time work and decided to come back here to supervise student teachers,” Cohn said. “But I soon found that some of my students were returning for their master’s degrees and I only had my B.A. So I enrolled in the master’s program in instructional process. After I completed that, it was a natural flow into the Ph.D. program.”

Cohn began teaching some entry-level courses while she was enrolled in the master’s program. She also taught while working toward her doctoralate and started full-time as an assistant professor after completing her dissertation.

She has always enjoyed teaching scholarly work, but what makes Cohn most well known on campus and in the community is her 19 years as director of teacher education.

“During the time I was working as an assistant professor, a position was created called the director of teacher education,” Cohn said. “Ralph Morrow, who was at the time dean of Arts & Sciences, thought it would be a good fit for me. I was in a position at that time in my life where I was thinking of leaving the University and moving on. However, I accepted the job on a trial basis and 19 years later I was still at it. It was a wonderful position for that entire period.”

As director teacher of education, Cohn was responsible for myriad activities, including admission of students into the teacher education program, developing the overall curriculum of the program, hiring the adjunct professors, coordinating field work, placing and supervising student teachers and teaching courses.

“I know every student who came through the teacher education program for those 19 years,” she said. “The most rewarding part of my job was always being able to work with those students. It was thrilling to help them become the kind of teachers they set out to be. Washington University has always attracted fantastic people who could do anything they wanted to with their lives, and many chose to become teachers.”

Cohn stays in touch with many of her former students, several of whom went on to get doctorate degrees and teach at universities.

“It’s been neat to see some of those folks who have grappled with becoming a teacher, even wondering if they can make a living at it, go on to really succeed. Most of them don’t care about money in the end. They care about making a difference in the lives of children, and that’s very special.”

Cohn has many fond memories of the University. She can even recall it being a streetcar campus when she first started.

“The University has many more buildings now, but one thing hasn’t changed,” she said. “We have always attracted a wonderful group of students who care about the world and have the talent to do something about it. That’s been the joy for me. Sometimes I’ll be sitting in a classroom with students, having a discussion about controversial topics in education, and I can’t believe I’m getting paid for it. It’s just a very stimulating interest of mine, and it really doesn’t feel like work.”

Cohn has also been blessed because “Washington University is a wonderful place for students to get educated and has also been a wonderful place for me to grow from an undergraduate to a faculty member who has had the pleasure of helping other undergraduates achieve their goals for so long.”

While students have clearly been her No. 1 source of satisfaction, there were many other exciting aspects of her position as director of teacher education. Cohn highly values the opportunity she has had to represent the University in many local, state and national organizations that seek to improve education for all students. Locally, she played a key role in the development of the St. Louis Professional Development School Collaborative, the Action Research Collaborative and the Teachers’ Academy, and she continues to serve as a consultant and board member for various schools.

Cohn stepped down as director of teacher education in 2001 so that she could concentrate more on research and writing, which often took a back seat to her clinical and administrative responsibilities. Although she has co-authored two books, To be A Teacher and Teachers: The Missing Voice in Education, Cohn is now excited to be working on a book that highlights what she has learned about helping beginning teachers become more inquiry-oriented through action research. Cohn is also enjoying teaching two core courses in the master’s program for experienced teachers. Cohn’s longevity and dedication to her job and the University have made quite an impression on her colleagues.

“When I joined the Washington University faculty in 1995, it didn’t take me long to find out that for many people in this region, the Department of Education meant Marilyn Cohn,” said James V. Wertsch, Ph.D., professor and chair of the education department and the Marshall S. Snow Professor in Arts & Sciences. “Marilyn has led the way for many years in maintaining our wonderful teacher education program. She has mentored so many people into the profession that one can find her grateful former students all over the St. Louis area and indeed across the nation. She has been an outstanding teacher and mentor.”

Marilyn Cohn, who has received three degrees from the University, has influenced hundreds of students in her 19 years as director of teacher education. She stays in touch with many of her former students, many who have earned their doctorates and are now teaching at colleges and universities. She stepped down from her position in 2001 to concentrate more on research and writing.

As director teacher of education, Marilyn Cohn, Ph.D., has impacted students and mentors alike.

By Neil Schrissler