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Edward L. Spitznagel Jr., Ph.D., professor and chair of mathematics in Arts & Sciences, has been named the 32nd year with Washington University in 1991. The 933 numbers, currently used in the Charles F. Knight social issues and incorporates his computer-mainframe.

Spitznagel consults nationwide on educational, statistical and intellectual pursuit. He earned a bachelor's degree from Amherst College in 1947 and a law degree from Washington University in 1949. He is a member of the Webster Society.

1970, he has worked with admissions directors on analyzing student applicant data in an effort to maintain the high-quality student body, and in the mid-1970s he helped to restructure and revitalize the court-evaluation system. Also, it was his proposal that led to the development of five new, more advanced statistics courses.

In addition to his teaching, Spitznagel has contributed to the quality of education in the University at large. Since the early 1970s, he has been involved with several colleges and universities. In 1991, he was presented the Distinguished Intelligence Medal, the Presidential Medal of Freedom, the National Security Medal. The native of Webster received his early education in Webster Groves; he earned a bachelor's degree from Amherst College in Massachusetts in 1947 and a law degree from Washington University in 1949. He is a member of the Webster Society.

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D.C., firm of Milbank, Tweed, Hadley & McCloy, where he specializes in arbitration, mediation and international investigation. For his distinguished service, he has been named the Distinguished Alumnus Award and the establishment of the Webster Society, an outstanding scholars program, the St. Louis Globe-Democrat newspaper: "Man of the Year." In 1980, Webster has received numerous awards for public service and law enforcement and holds honorary degrees from several colleges and universities. In 1991, he was presented the Distinguished Intelligence Medal, the Presidential Medal of Freedom, the National Security Medal. The native of Webster received his early education in Webster Groves; he earned a bachelor's degree from Amherst College in Massachusetts in 1947 and a law degree from Washington University in 1949. He is a member of the Webster Society.

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Where there's smoke... "Magic Mark," aka Chancellor Mark S. Wrighton, waves the audience with his chemistry tricks Aug. 20 at The Pageant concert hall in University City. Part of Orientation 2000, the concert was an innovation all its own for incoming freshman students of "St. Louis'" newest concert venues and featured entertainment by some of the University's finest.

Technologists discuss software trends, research model

By Tony Fitzpatrick

In the middle of the balloon craze at the University, had campus visitors from theinvitine of the context, source. No, they weren't from Al Gore's office, neither from the Massachusetts engineering research and consulting firm of BBN (BBN does not make this Newman). BBN is credited with coining the term ARPA, which eventually grew into the Internet, for the Department of Defense agency ARPA, which grows into DARPA (Defense Advanced Research Projects Agency).

Instead, they're here to take any credit or settle that old argument. Instead, they'd joined about 90 other engineers, computer scientists, businesspeople and students from around the world who met for two days to share knowledge of what's next. Their equipment may look instrumental and a type of middleware software package called TAO (pronounced "dow").

The workshop was called "The First Workshop on the ACE ORB (TAO)."

TAO was invented here by former University computer science professor Douglas C. Schmidt, Ph.D., who is now on the faculty of the University of California, Irvine (UCI), and is currently serving as an advisor with DARPA. TAO is maintained and extended by a research consortium consisting of the Laboratory for Distributed Object Computing, headed by Schmidt at UCI, and the Washington University computer science department's Center for Distributed Object Computing, headed by Ron Citron, Ph.D., associate professor of computer science. TAO is freely available to engineers worldwide in a research arrangement called "open source."

"Open-source has brought to the technology. If users have a question about the software, they can ask the users who are competing with very powerful computers that operate with huge machines," Gill said that TAO while DARPA’s initial implementation in the late- 80s, a new goal is to push TAO and other middleware into very small devices that come under a new DARPA research program known as networks embedded sensor technology (NEST).

"We have to see how much we can strip away from TAO and still be feasible," Gill said. "If they miss deadlines in the we have do. If we miss deadlines in the..." Gill said that TAO’s next steps will guide our research and push people are trying to do, and that that will guide our research and push it forward so we will. Gill said that TAO is not the only thing. Newer, other new directions for the center’s. Newer, other directions for the center’s research is real-time performance, fault recovery and systems, "The combination of these three things is exactly what a middle-sized computer system needs to demand civilian systems would have to do. I’m very hard to get all of them at once," he said. "It’s a struggle, and I think that’s one way we can choose one, or maybe two. This is a big trend now and one of the things we're working on is to come up with a system that will work. That's going to be leveraging our work."

New Web site
Spark is info central

By Neil Schoenherr

The life of a student on this campus can be quite busy. Students have to worry about classes, projects, term papers and extracurricular activities. Trying to find a place to unwind, check out a concert or explore the great city of St. Louis should not be such a challenge.

To that end, the University has introduced a new Web site, "Spark" (www.spark.wustl.edu), officially unveiled Aug. 24. The site contains events and activities available to University students on and off campus.

"I think this Web site is going to be a valuable resource to the campus community," said James E. McLeod, vice chancellor for Arts & Sciences. "We want students to be aware of, and to take advantage of, all the opportunities on and off campus. I hope they will make use of it.

Through its "Extension Cord" link, the site is a central location for events and activities available to students on campus and in the St. Louis area, including concerts, the arts, restaurants, transportation, theaters, festivals and student services. Students groups are encouraged to advertise their events on Spark.

A link is provided to the new Office of Student Activities calendar, which is slated to be searchable and printable by Sept. 1. A link to the University's main e-mail system is included. There is also a list of frequently asked questions where visitors can learn more about Spark and post information on the site, along with more information about Spark.

"We had there was a lack of a center for all this information," said Melis Bucur, coordinator of health promotion and wellness. "We just wanted to provide a way for students to find all their opportunities in one place."

McLeod, along with Ken Grich, residential college director at Sterchi and McLeod Hall, headed the committee that formulated the idea last year.

"We wanted to show students that there are many alternatives to participating in high-risk behavior," Ken Grich

Grich and Ruwitch are co-chairs of the Washington Health Information Team (WHIT).

"We wanted to show students that there are many alternatives to participating in high-risk behavior," Grich said. "At a committee, we felt we could improve our game by promoting student activities and other opportunities for involvement. We decided to use technology as our focal point, so the idea of a Web site was born."

Student participation has been a central pillar of Spark’s evolution from its beginning stages. Several arrangements called "high- risk groups," the committee, with chair Andrew Trotter taking a leadership role.

The site was designed by senior art and marketing major Deborah Buehler, the winner of a contest held last year in Lauri Eisenbach-Bush’s junior year in art design.

"We went to students in the Office of Public Affairs, said, for help," Ruwitch said. "They each came up with some ideas, and we worked over weeks to the project, talking to other students about the idea. They each came up with some ideas, and we worked over weeks to the project, talking to other students about the idea.

Spark involves ideas of light, energy, excitement and vibrance. The committee was really impressed with the University’s "midway" connection to plugging into information on campus.

"This Web site is an ongoing, evolving process," Ruwitch added. "We really want student, faculty and staff input on how useful it is, so we’re offering it as it can be."
Volunteers needed for prostate cancer prevention study

Researchers in the Division of Urology at the School of Medicine are participating in the largest ever prostate cancer prevention study. The study will evaluate whether the dietary supplements selenium and vitamin E can reduce the risk of prostate cancer, the second most common cancer in the United States. The University is one of 400 sites recruiting men in the United States, Canada, and Latin America to participate in the Selenium and Vitamin E Cancer Prevention Trial (SELECT), which will take up to 12 years to complete. The study, funded by the National Cancer Institute, will include 32,400 men.

"The study was designed to look directly at the effects of vitamin E and selenium, both separately and together, in the prevention of prostate cancer," said Arnold D. Bullock, M.D., assistant professor of surgery and the principal investigator of the SELECT study at the School of Medicine. The researchers now are determining how prostaglandins affect gene expression during liver regeneration.

Liver regrows depends on prostaglandins

The work was performed in the laboratory of Louis Moglia, M.D., Ph.D., assistant professor of pediatrics, of otolaryngology and neurosurgery, and of molecular biology and pharmacology, and in collaboration with David H. Perlmutter, M.D., who is now at the University of Pittsburgh School of Medicine. Unlike most organs, the liver can grow back after infection, trauma, chemical damage or other assaults. In the mouse study, Rudnick and his colleagues focused on a part of the liver and watched it grow back over hours and days.

Lost memories John C. Morris, M.D., Harvey and Alfreda Friedman Professor of Neurological Sciences and director of the Alzheimer's Disease Research Center (ADRC) at the School of Medicine, talks about the symptoms of Alzheimer's disease at the Missouri Black Expo at America's Center on Saturday. The "Reflections on Memories Lost," presentation, part of the ADRC's outreach to the African-American community, featured theatrical vignettes by St. Louis Black Repertory Company actors Dennis and Fannie Lebby.

Estrogen therapy strengthens bones of frail elderly women

The researchers also recorded the patients' observations of their own levels of impairment during daily activities such as bathing, dressing, eating and preparing meals. Of the 67 women, 45 were randomly assigned to receive hormone therapy. The remaining 22 participants or the clinicians knew whether a given woman was in the hormone or the placebo group. Women receiving estrogen had significantly greater increases in BMD of the lumbar spine (1.3 percent) and of the femur (1.8 percent) than those in the placebo group.

Additional research is needed to determine whether this treatment regimen also will reduce the incidence of fractures in frail elderly women. However, since young postmenopausal women receiving drugs other than estrogen to prevent bone loss have shown similarly small increases in BMD, the researchers analyzed blood and urine for indicators of bone resorption and bone formation.

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Harbinger for New Physics • Jerker Deafness Research • Web Resources

Exhibitions


"In the Garden of Myths: St. Thomas B. Allen, Innovator of American Muses and the Healing Art." Through Oct. 5. WU Special Collections Library.

Through Oct. 5. "Mother/daughter" paintings by Parker's archives, is honoring this native recently honored with a U.S. Congressional "Mother of the Year" award.

Lectures

Friday, Aug. 31


Wednesday, Sept. 5

11 a.m. Assembly Series. William Webster, director of the National Security Agency. In conjunction with Special Lecture in Developmental Biology.

4 p.m. Molecular Biology and Research in Toroid NMR: Diffusing and Dispersing - Reactions and Drug Metabolism. Jerker Deafness Mutation Tell Us About the Ear, by Robert J. Deschenes, prof., of biological sciences.

Thursday, Sept. 6

8 a.m. "Chicago Works." Doug Conklin, writer, in collaboration with Reardon, WU Center for Literary and Cultural Studies, 201 Duncker Hall. 792-1084.


Aug. 31-Sept. 12. Visit the "Chicago Works." Doug Conklin, writer, in collaboration with Reardon, WU Center for Literary and Cultural Studies, 201 Duncker Hall. 792-1084.

Lazar launches fall reading series

By LISA OTTEN

A young mother kneels beside a baby’s crib, barefoot and lithe, her identically dressed daughter, an amused smile playing across her face, as the infant swaddled therein.

The image, which graced the cover of Ladies Home Journal in September 1945, was hugely popular, 17-year-long series of “mother/daughter” paintings by Al Parker — the pioneering illustrator and St. Louis native recently honored with a U.S. Postal Service stamp.

The controversy, which haunted Parker’s archives, is honing this distinguished School of Art alumna with "Al Parker: Innovator in American Illustration," the first retrospective exhibition dedicated to Parker’s work in more than three decades. It is running concurrently with the Special Collections Library’s "Mother/daughter" paintings by Parker’s archives, is honoring this native recently honored with a U.S. Congressional "Mother of the Year" award.

"He used a different pseudonym for the May 1945 Ladies Home Journal. It was simply an amazing thing, a lot of what we, as illustrators, do today, Parker invented," Dowd said of Parker and contemporaries like Norman Rockwell, "He staged a challenging, bravura performance that helped redefine the profession. Looking back, his work always seems to be years ahead of everyone else."

In addition to producing magazine covers and advertisements, the famously prolific Parker was an insightful interpreter of fashion and culture who seems to be years ahead of the rest of us.

"The images in which middle-class women were portrayed as distinctively modernist style and "full-page" spread, would become eternally synonymous with the graphic look of those decades."

"In the years before television, that day, the act will host a symposium on Parker’s life and work in Steinberg Auditorium in Steinberg Hall. Both the exhibition and the symposium are free and open to the public.

In the 1940s, 50s and 60s, Parker’s work for such major women’s monthlies as Cosmopolitan, Good Housekeeping and McCall’s kept the medium of illustration thriving — and it might be argued, helped shape — the fashion, attitudes and aspirations of post-war America. At the same time, his distinctive modernist style and "full-page" spread, would become eternally synonymous with the graphic look of those decades.

"As a writer, he has been described as a "budding genius," but along the way it also evolves into a horrific book about Americans abroad and the perils of self-awareness."

The big, amazing novel that he’s just finished, is set on a thoroughly actualized imaginary island. It’s about race and colonialism and American violence and a sort of social entropy. The story is a wonderful, wondrously ambitious writer."

Lazar is a writer-in-residence for the fall semester in the Department of English in the College of Arts & Sciences.

Exhibition

William "Al" Parker: Innovator in American Illustration

Through Oct. 5. WU Special Collections Library, located on the fifth floor of Olin Library.

The author - co-curated by Jeff Pike, dean of the School of Art; D.B. Dowd, associate professor of visual communications; and St. Louis Billie Ven - includes 68 Parker’s original, handwritten, sketchbook pages, printed proofs, text pages and other archival material.

A reception will be held from 5:30-7:30 p.m. Sept. 14, also on

On the cover - Alexandra Barlow with her identically dressed daughter, an amused smile playing across her face, as the infant swaddled therein.

"I think it’s interesting that a woman, mother of the year, could have pulled it off;" Pike said.

The magazine only revealed the fact the following month," Pike said. "It was simply an amazing thing, a lot of what we, as illustrators, do today, Parker invented," Dowd said of Parker and contemporaries like Norman Rockwell, "He staged a challenging, bravura performance that helped redefine the profession. Looking back, his work always seems to be years ahead of everyone else."

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The reading is free and open to the public and takes place in Hill building, 201 Duncker Hall. For more information, call 935-5581.

Lazar: To read Thursday

Music

Thursday, Sept. 6


Sports

Friday, Sept. 7


Saturday, Sept. 8

10 a.m. Volleyball NU Owls vs. Webster U. St. Louis. 11 a.m. vs. Concordia U. Missouri. 1 p.m. vs. Missouri S&T. 935-5220.

6 p.m. Football vs. N. Western Illinois. Football Stadium. 935-5220.

Wednesday, Sept. 12

7 p.m. Men’s soccer vs. Webster U. Soccer Stadium, 935-5220.

And more…

Thursday, Sept. 6

8 p.m. Writing Program Reading Series. Zachary Lazar, author and writing-in-residence, "Astronomically," and "All Parker: Innovator in American Illustration." "He’s a quiet, terrific stylist,"

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Law school applications leap 32 percent

BY JESSICA N. ROBERTS

The Law School Learning Institute (LLI) of University College in Arts & Sciences will host its first fall address and Open House from 1 to 4 p.m. Sept. 7.

The free event will feature a lecture titled "Dementia: Inevitable With Age?" by John C. Morris, M.D., the Harvey A. and Dorris Mae Hafker Professor of Neurology in the School of Medicine. The address will be held in Room A/B on the lower level of the West Campus Conference Center; reservations are required.

Morris, who is also the co-director of the Alzheimer's Disease Research Center and the director of the Center for Aging, the Memory Diagnostic Center and the Memory and Aging Project, researches the various avenues to detect and improve treatment of Alzheimer's disease. Chancellor Mark S. Wrighton and Robert Wiltenburg, Ph.D., dean of University College, will also speak.

An open house at LLI's new facility, located at 9 N. Jackson Ave., will follow the address from 2 to 4 p.m. Reservations are not required for the open house.

LLI's new facility was constructed to the specifications of the institute, containing three small sections for first-year students; guaranteed placement in our nationally recognized clinical program; an increase in the number of admissions and career services staff; and a three-year commitment to student scholarship support.

"Our success and growth in offering more space to seniors has been phenomenal," said Richard Diemer, director of LLI. "We have nothing but thanks for the University for being so supportive. They've provided a wonderful full-peace and staff for the institute. Chancellor Wrighton and Dean Wiltenburg always take the opportunity to encourage the LLI as a community resource."

LLI members assume responsibility for sharing their knowledge with one another in fields such as art, literature, current events, history, music, philosophy and science. As a peer-driven organization, all programs are planned, developed and presented by institute members and include study groups, lectures, field trips, workshops, cultural and social events and a special lecture series.

Three regular terms — fall, winter and spring — and a summer term are offered. Each study group meets once a week for two hours during the eight-week term. Some groups may continue their study in subsequent terms as special interest groups, but new topics are offered each term.

Senior Brian Taiton returns for his second season as the University's starting quarterback. The Bears kick off the 2001 campaign at 1 p.m. Saturday at Westminster College in Fulton, Mo.; their home opener is at 6 p.m. Sept. 7 against Illinois Wesleyan University.

Cross country preview

The University's cross country teams had a successful season in 2000 as the men grabbed their second-straight University Athletic Association (UAA) title and the women placed 18th at the NCAA meet. Now with new coach Jeff Stiles, the Bears are looking to continue their winning ways. The schedule will take the teams to six away meets; the only home meet this season is the Great Midwest Classic Oct. 20 at Forest Park.

Women: For the Bear women, sophomore Emily Lahwitze and junior Melanie Mikcze are the top returnees. Senior Andrea Newberry and sophomore Mandy Kuhl will be regular contributors, and freshman Maggie Gablew and Lauren Grabski could provide an immediate impact.

Men: Senior Pat MacDonald, who earned an individual spot at the NCAA Championships last year, is the top returnee for the men's team. Further leadership will come from seniors Travis Dusman and Jeremy Mikcze, and sophomores Matt Hoelle was a first team all-UAA selection last year and was also named the UAA's rookie of the year. Stiles also expects seniors Brian Barclay, Dave Gutenkunst, Dan House, Justin Mikcze and Bryan Tilton to provide depth in the Bears lineup.

New coach: In addition to helping the coaching position for both men's and women's cross country, Streets will also serve as assistant coach for men's and women's track and field. He comes to the University from Southwest Missouri State University, where he served as assistant cross country and track and field coach the past two years. During Stiles' two seasons, the women's team captured the UAA title and the field squad captured a third consecutive indoor conference championship and its first outdoor conference title.

Other new coaches

Roger Follmer has been named the new head coach for the men's tennis program. Follmer becomes the first full-time tennis coach at the University in more than 25 years. Follmer arrives from the University of Miami, where he served as assistant coach for the past two seasons.

Steve Rubins has been named head coach for the women's tennis and women's field programs. Rubins helped establish Miami as one of the top programs in the Big East Conference and an emerging force on the national scene. At Emory University, Rubins won a pair of UAA championships in the triple jump.
WASHINGTON UNIVERSITY IN ST. LOUIS

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**Series**

**Full schedule starts Wednesday with Webster**

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**Frank**

Frank is the former executive editor of Art in America magazine, and a lecture/video screening titled "A Life in Dance" Sept. 13 at 4 p.m. at the University of California, Las Vegas. Currently he teaches art criticism at the University of Nevada, and enjoys the distinction of being a distinguished visiting scholar at the University of St. Thomas in Houston. His most recently acclaimed book is "The Winter: Take All Society." In addition to mono-graphs, Frank is a frequent contributor to The New York Times. He is the Goldsmith Smith Professor of Economics, Ethics and Public Policy at Cornell University, and has had a joint appointment in Cornell's School of Industrial and Labor Relations and Cornell's Johnson School of Management. Artist, designer and sculptor Maya Lin, whose name is irrevocably linked with the Vietnam Veteran Memorial, will discuss her work Sept. 26.

Although initially chosen for her design of the Vietnam Veteran Memorial, the then-Yale architecture architecture student Lin was vindicated when the monument unveiled in 1982. It now enjoys the distinction of being the most-visited monument in the world. In addition to memorial structures, Lin has created sculptures, buildings, interiors, residences and furniture. Her memoir, "Boundaries," was published last year. Although best known for serving as the painter of the Vietnam War veterans monument in Washington, D.C., Lin currently teaches at the University of Texas at Austin. In 1990, Lin was awarded the MacArthur Foundation "Genius" grant, and in 1994, she was named to the first class of TIME magazine's "50 most influential people in the world." Lin's work has been exhibited in over 400 solo and group exhibitions across the world, and she has received numerous awards and prizes for her work.

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**Cisneros**

Robert Frank, a noted economist and author of several books, will speak Sept. 19. Frank's books reflect a strong interest in economics and social policy issues. His works include "Choosing the Right Pond: Human Behavior and the Quest for Status," "Power Within Reason: The Strategic Role of the Emotions," "Currents: Economics and Behavior," and "Lanyard Fever." His most controversially acclaimed book is "The Invisible Dragon: Post Essays on Beauty" and "Art in America" magazine, and a lecture/video screening titled "A Life in Dance" Sept. 13 at 4 p.m. at the University of California, Las Vegas. Currently he teaches art criticism at the University of Nevada, and enjoys the distinction of being a distinguished visiting scholar at the University of St. Thomas in Houston. His most recently acclaimed book is "The Winter: Take All Society." In addition to mono-graphs, Frank is a frequent contributor to The New York Times. He is the Goldsmith Smith Professor of Economics, Ethics and Public Policy at Cornell University, and has had a joint appointment in Cornell's School of Industrial and Labor Relations and Cornell's Johnson School of Management. Artist, designer and sculptor Maya Lin, whose name is irrevocably linked with the Vietnam Veteran Memorial, will discuss her work Sept. 26.

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**Award**

Spitznagel received a MAA-Missouri Award for Distinguished Teaching.

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**Hilltop Campus**

Information regarding assistantships, internships, loans, and scholarships is available in the Office of Financial Aid. For more information, call 935-5285 or visit the Assembly of Students/Scholars at Geneva and University of St. Gallen. For more information, call 935-5285 or visit the Assembly of Students/Scholars at Geneva and University of St. Gallen. For more information, call 935-5285 or visit the Assembly of Students/Scholars at Geneva and University of St. Gallen. For more information, call 935-5285 or visit the Assembly of Students/Scholars at Geneva and University of St. Gallen. For more information, call 935-5285 or visit the Assembly of Students/Scholars at Geneva and University of St. Gallen. For more information, call 935-5285 or visit the Assembly of Students/Scholars at Geneva and University of St. Gallen. For more information, call 935-5285 or visit the Assembly of Students/Scholars at Geneva and University of St. Gallen.
Notables

Introducing new faculty members

The following are among the new faculty members on the Hilltop Campus. Qualifications will be reviewed periodically in this space.

Raymond T. Sparrowe, Ph.D., assistant professor of organizational behavior in the Olin College of Business, comes from Cleveland State University, where he was assistant professor of management and labor relations. His fields of research interest are social networks and the performance of individuals and groups, the effects of change on employees, and an exchange on employee empowerment, and empowerment and management in the hospitality industry. Sparrowe earned a bachelor's degree in psychology in 1971 from the University of California, Los Angeles, and a Ph.D. in 1984 from the University of Illinois at Chicago.

Tat Y. Chan, Ph.D., assistant professor of marketing in the Olin College of Business, comes from Yale University, where he taught in the decision sciences. Among his research interests are industrial organization, applied economics, applied microeconomics, and microeconomic theory, and marketing in the soft drink industry. He earned his bachelor's (1992) and master's (1994) degrees in economics from the University of Hong Kong, and a master of arts degree (1998), a master's degree in philosophy (1999) and a doctorate (2001) from Yale.

Alexander David, Ph.D., assistant professor of aerospace engineering in the Olin School of Engineering, serves on the Federal Reserve Board in Washington, D.C., where he served as a staff economist since 1995. David's research interests include market pricing, business-cycle risk, stock and bond markets, inflation and earnings. He earned a bachelor's degree in economics with honors in 1988 from St. Stephen's College at the University of Delhi, India; a master's degree in economics in 1988 from State University of New York at Stoney Brook; and a doctorate in economics in 1994 from the University of California, Los Angeles.

Angela K. Davis, Ph.D., assistant professor of accounting in the Olin School of Business, comes from the University of Washington, Seattle, business school, where she taught financial accounting, managerial accounting and financial statement analysis. Her research interests include the impact of accruals accounting disclosures on capital markets, incentives that influence accounting and the use of financial statements for accounting, choices, and security analysts. She has presented papers and research reports and recommendations. Davis earned a bachelor of science in business with honors in 1993 from the University of Idaho and a doctorate in accounting in 2001 from the University of Washington's business school.

Sally Goldman, Ph.D., professor of computer science, will be a recipient this year's Governor's Award for Excellence in Teaching. Each year, the University invites the Faculty Resource Group to select a member to receive the award. Criteria for selection include effective teaching and advising, service to the University community, commitment to the highest standards of excellence and success in preparing students for achievement. Goldman will receive the award in December at the Governor's Conference on Higher Education in Kansas City, Missouri.

Nathan Klekamp, a student in his first year of studies toward a master's degree in Islamic and Near Eastern Modern Arts & Sciences, received a $1,750 graduate fellowship from the Lamb Chalabi Alumni Educational Foundation. He and 48 other students in North America were awarded scholarships based on academic achievement, campus involvement and financial need.

Linda M. Mundy, M.D., assistant professor of medicine in the School of Medicine, and Michael D. Moll, associate professor of computer science, have been named editor in chief of Transactions on Programming Languages and Systems, a peer-reviewed journal published six times ayear by the Association of Computing Machinery.

Bamin Khosravi, Ph.D., the Francis F. Ahmann Professor of Chemical Engineering, is the recipient of a National Science Foundation grant for his study, "Tailored Polymer Gels: Dynamic Complex Flows: Experiment and Computation." Khosravi also organized and chaired the 19th International Workshop on Numerical Methods for Non-Newtonian Flows. Held in Monterrey, Calif., in July, the workshop, sponsored by the Center for Polymeric Fluids: Development and Surfactant Systems, reviewed fundamental topics in the field.

Ramesh Subramanian, Ph.D., professor of chemical engineering, in collaboration with several other universities and research groups, has received a three-year, $424,213 grant from Defense Advanced Research Project Agency for "TNS-Modelling and Optimization of Friction Dring Technologies Using Polymeric and Surfactant Fluids." Held in Monterrey, Calif., in July, the workshop, sponsored by the Center for Polymeric Fluids: Development and Surfactant Systems, reviewed fundamental topics in the field.


Pratim Biswas, Ph.D., the Stifel and Quinette Jens Professor of Environmental Engineering, presented the plesary talk at the International Nanoparticle Symposium held in July in Korea. The title of the talk was "Nanosized Titania Powders and Films: Development Challenges." He also organized a National Science Foundation workshop on nanoparticles, also in July in Korea. In addition, he has received a $60,000 Energy Research and Development Agency contract for his study, "Flame Sustained Synthesis of Nanosized Titania Dioxide Films and Construction of an Effective Light Distribution Reactor." Mladen Lovrencic, Ph.D., chemical engineering department chair and the Laura and William J. Jesser Professor of Environmental Engineering, traveled to Belgrade, Yugoslavia, in June to accept a diploma highlighting his decision as a foreign member of the Yugoslav Academy of Engineering. He was selected to membership in the academy in April 1999. He also delivered several talks; an invited keynote address on "Experiments and Modeling of Photoactive Multiphase Reactors," at the Fourth International Congress on Multiphase Flows in New Orleans, May 1999; an invited plenary lecture on probing of multiphase open flows by radiophysical techniques at the Second Conference on Tracers and Tracking Methods in May in Nancy, France; an invited plenary talk on "Liquid Solid Flows" at the Engineering Foundation of the United States VIII On Novel Reactor Engineering for the New Millennium in July in Castellvecchi Paolo, Italy, and an invited lecture on "Advanced Experimental Techniques for Reactor Design and Scale-up" at an ECIT Circulation conference, Reactor Engineering for the New Millennium, in July in Milan, Italy.

A call to education at the University College in Arts & Sciences Convocation Aug. 21 at Holmes Lounge in Ridgley Hall, Dwayne D. Simmons, Ph.D. (left), research associate professor of auditory neuropsychology, presents this year's keynote speech to the assembly, representing the University College, and David Weiss, Ph.D., assistant professor of chemistry. Weiss is a member to receive the award. Coordinating Board for Higher Education. The guest faculty speaker was David Weiss, Ph.D., assistant professor of chemistry. Weiss is a member to receive the award. Coordinating Board for Higher Education. The guest faculty speaker was...
Katherine Jahnige, M.D., increases the diversity of people participating in the Siteman Cancer Center's services and programs

By DARRELL E. WARD

Katherine Jahnige, M.D. (right), talks with fourth-year resident Barbara Buttni, M.D., about preoperative management for a patient with severe anemia.

"She has built critical relationships with many diverse groups in our community so that the Siteman Cancer Center is truly a resource for the entire community. In addition, she is studying why some populations of patients do not participate in screening and other programs so that we can reach those communities more effectively." TIMOTHY J. EBERLEIN

Jahnige gets a hazy view of the steam vents in Hawaii's Volcano National Park.

Washington People

Jahnige's approach of other cultures began early in life. "I grew up in an atmosphere of respect for the richness of all cultures and with a strong commitment to service," she said. Her mother teaches social statistics at Smith College in Massachusetts. "Katherine, though her great love remains the Girl Scouts," her father, who taught political science and had a long career in American public government and the courts, died in 1985. "The family also was active in the Episcopal Church.

As a child, Jahnige spent many family vacations in the Virgin Islands, staying with local families. Her parents also had a strong interest in world missions. "They were able to help the people in East St. Louis," she said. She continued, "I've jinxed them. I've predicted that research effectively. "Consent forms are often a problem because of their complex sentences and multisyllabic words, and explaining concepts such as genetic counseling and testing is a real challenge."

The language must be sensitive to cultural differences. "Cross-cultural means more than 'foreign-born,'" she said. "For instance, in a remote community, discussions about risk factors for breast cancer would be more acceptable than gay or full disclosure."

In many communities, breast cancer is considered a problem of the elderly. "We are left to deal with it." Jahnige said, "and we were left to deal with it.

What struck her was how the experience demonstrated, as did her experience with Swahili, cultural differences. "Cross-cultural means more than foreign-born," she said. "For instance, in a remote community, discussions about risk factors for breast cancer would be more acceptable than gay or full disclosure."

For many Mexican Americans, breast cancer is a complication of this surgery; your uterus might be damaged. I've invited patients to predict that something bad will happen. There's a power in other languages that we don't always recognize in English.

To avoid the problem, she said, "It's more appropriate to describe the risk in the third person, as in remote possibilities: 'Every once in a while a person going through chemotherapy...'

Jahnige is particularly proud of a day planner she and health-activist friends have developed to provide health and screening information to African-American women in East St. Louis. "We worked hard to frame health messages in a way that was inviting, informative and encouraging," she said.

Artwork for the book was provided by the Jacek Forgacs and Kenneth Boys and Girls Club, and inspirational writing came from the Eugene B. Redmond Writers Club — both of East St. Louis. Jahnige finds her work extremely rewarding.

"We meet amazingly intelligent people who have been through real-life struggles and have come out of them with a profound wisdom," she said. "Many of those cancer survivors have become inspirational role models for me. They've shown me what really matters in life."