

11-8-2002

# Washington University Record, November 8, 2002

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# Record

Nov. 8, 2002

Volume 27 No. 11

 Washington University in St. Louis

## Neighbors hear reports at meeting

BY KEVIN M. KILEY

A new Web site, the impact of MetroLink's expansion on traffic, and construction projects were among the topics discussed at the 2002 Report to Washington University Neighbors meeting Oct. 29 in Steinberg Auditorium.

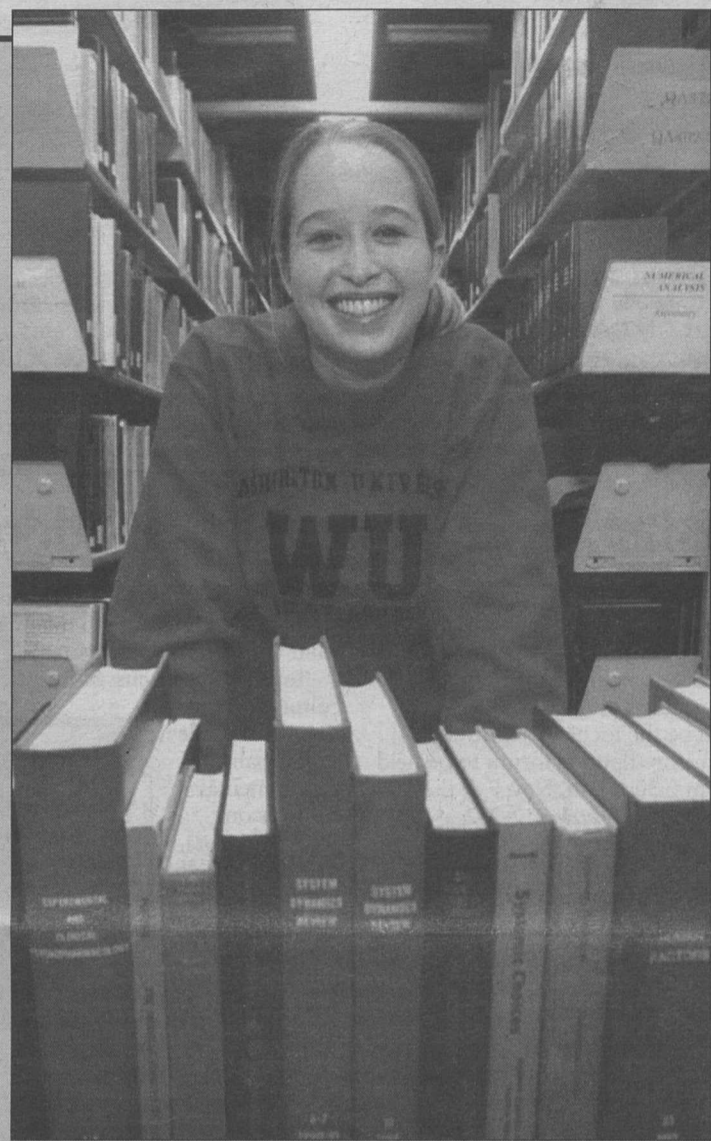
The annual forum, co-hosted by Chancellor Mark S. Wrighton and the Washington University Neighbors Council, provides an opportunity for University neighbors to receive information, ask questions and voice concerns.

Flint Fowler, co-chair of the neighbors council, announced the establishment of the Web site neighbors.wustl.edu — the "Washington University Neighborhood Network." The site includes information on things such as events, the neighbors council, the community and off-campus security.

Steven P. Hoffner, assistant vice chancellor for students and director of operations, discussed potential plans for accommodating traffic flow around the Hilltop Campus once MetroLink expansion begins this spring. Although Forest Park Parkway will be closed from Brentwood Boulevard to DeBaliviere Avenue for approximately 18 months to two years, Big Bend, Forsyth and Skinker boulevards will remain open.

Hoffner emphasized that plans — which include installing temporary traffic lights and diverting some traffic to Snow Way — are

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Now entering the studio Senior Arianna Haut "crams" at Olin Library for her appearance on the Jeopardy! College Championships, which were taped at Ohio State University in early October. Haut was selected as one of 12 finalists from a crop of thousands of hopefuls from all around the country. "I grew up watching Jeopardy!, and I've always wanted to be on," said Haut, who is majoring in English in Arts & Sciences. "It's been a dream of mine since I was very young." The college tournament will air Nov. 11-22; Haut is scheduled to appear Nov. 14. Jeopardy! airs at 3:30 p.m. weekdays on KSDK Channel 5 in St. Louis.

## High honors

### Faculty, Brookings awards presented at Founders Day

BY BARBARA REA

Four remarkable faculty members and three exceptional citizens of the University community will receive awards at the 149th Founders Day event Nov. 9 at America's Center.

The Washington University Alumni Association will present this year's Distinguished Faculty Awards to Rosa M. Davila of the School of Medicine; Lee Epstein of political science in Arts & Sciences and the School of Law; Ronald A. Leax of the School of Art; and James T. Little of the Olin School of Business.

Receiving this year's Robert S. Brookings Award are Whitney R. Harris and Robert J. and Julie Skandalaris.

#### Rosa M. Davila

Rosa M. Davila, M.D., is an associate professor of pathology and immunology in the School of Medicine. She focuses on anatomic pathology with clinical expertise in cyto-pathology and renal pathology.

Since joining the University faculty as an instructor in 1988, Davila has served the school in many ways. She was the medical director of the Cytopathology Service from 1994-97 and has been the medical director of the Cytotechnology Program at the Jewish Hospital College of Nursing and Allied Health since 1994.

Several years ago, she established the first Accreditation Council for Graduate Medical Education-approved Cytopathology Fellowship Training Program at the Washington University Medical Center and continues to serve as its director.

Over the years, students have honored Davila with seven awards for teaching excellence and dedication, including the Distinguished Teaching Service, Lecturer of the Year and Professor of the



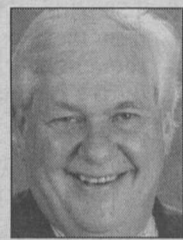
Davila



Epstein



Leax



Little

Year awards.

In addition to her teaching, research and clinical practice, Davila serves the medical school as a member of several administrative committees.

Davila earned a bachelor's degree in biology and a medical degree from the University of Puerto Rico. After completing a cytopathology fellowship at Saint Louis University, she became the first board-certified cytopathologist in the St. Louis area.

Recognized worldwide as a leader in her field, Davila is a member of the American Society of Cytopathology, the Papanicolaou Society of Cytopathology, the Renal Pathology Society, the International Academy of Cytology, the American Society of Clinical Pathology and the United States and Canadian Academy of Pathology.

Her clinical research centers on the evaluation and refinement of cytomorphologic criteria for various pathologic entities and in defining the role of ancillary testing in diagnostic cytopathology.

Her work has been featured at

See Founders, Page 6

## Early diagnosis of biliary atresia focus of study

BY KIMBERLY LEYDIG

In the first effort of its kind, researchers around the world are collaborating to develop new strategies to quickly and definitively detect infants with biliary atresia — the most severe and rapidly progressive digestive disease of infancy and the most frequent cause for liver transplantation.

The University is one of the primary institutions involved in the multicenter consortium, which is supported by a five-year, \$10 million grant from the National Institutes of Health.

The grant aims to improve diagnostic methods to distinguish biliary atresia from neonatal hepatitis and other types of liver disease and to identify factors that affect the prognosis of these diseases.

"The most exciting aspect of this work is that if the underlying mechanisms that cause progression can be understood, targeted treatment strategies could be designed to prevent disease progression," said Ross W. Shepherd, M.B.B.S., professor of pediatrics, clinical director of the Pediatric Liver Program and principal investigator for the St. Louis site.

It is not known if underlying molecular defects or environmental factors, such as viruses during pregnancy or the ingestion of toxins by the mother, induce biliary atresia, an abnormal formation of bile ducts that causes progressive liver damage and death in untreated cases.

Furthermore, diagnosis of the disease is difficult. At 2 to 3 weeks of age, babies may appear jaundiced and pass pale stools and dark urine. The liver also becomes enlarged by 1 month of age, but this symptom often goes unnoticed.

Shepherd stresses that early diagnosis is critical. Early detection of biliary atresia allows physicians to intervene with an operation called the Kasai procedure, which can improve long-term outcomes for some patients.

Before the widespread application of the Kasai procedure, which was developed by a Japanese surgeon in the 1960s, almost all infants with biliary

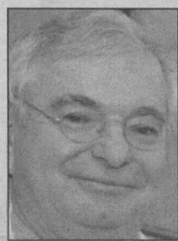
atresia died by 2 years of age.

However, outcomes from the Kasai procedure are far from optimal: About 30 percent of infants still get progressive liver disease and will need a liver transplant before their first birthday, with another 30 percent to 50 percent requiring transplants at later ages — making the disease the most common reason for liver transplants in children worldwide.

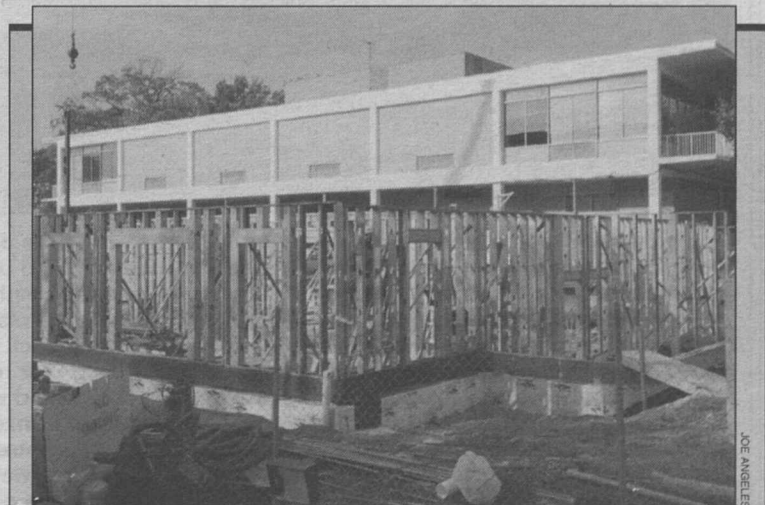
Unfortunately, little new knowledge about the causes, timely diagnosis or improved therapy has emerged over the past 40 years, largely because systematic research has been limited since biliary atresia is relatively uncommon. On average, St. Louis Children's Hospital diagnoses six to 10 patients with the disease every year, and in the United States there are about 250-400 new cases yearly.

The University is coordinating clinical contributions from several collaborating sites in the United States and one in Australia. The St. Louis Clinical Center also will be initiating a research program that emphasizes studying mechanisms of liver

See Diagnosis, Page 3



Shepherd



If I had a hammer Everywhere you look, construction is happening at a rapid pace at the University. Here, Housing Phase III is taking shape as the majority of the foundation walls for a new residence hall next to Wohl Student Center have been placed. To read the Record's new Construction Update feature, turn to Page 5.

# Iraqi conflict subject of panel discussion

By ANDY CLENDENNEN

With the United States discussing the possibility of invading Iraq, University College in Arts & Sciences will host a panel discussion covering a variety of related topics at 7 p.m. Nov. 12 in the Arts & Sciences Laboratory Teaching Building, Room 300.

Marvin Marcus, Ph.D., coordinator of the international affairs program and associate professor of Asian and Near Eastern languages and literatures in Arts & Sciences, will moderate "Conflict With Iraq: Turning Point or Prelude to War?"

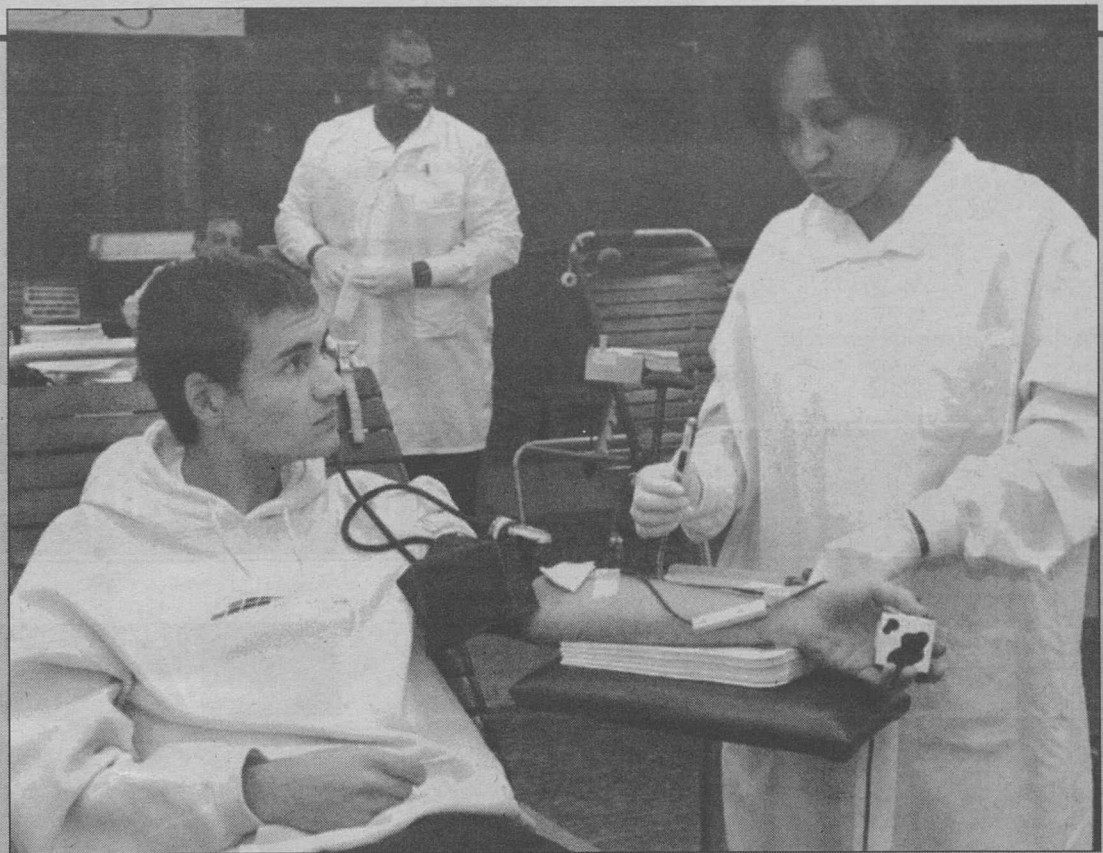
The idea for the panel arose about a month ago, shortly after President Bush turned his attention to Saddam Hussein and Iraq.

Panelists include Henry

W. Berger, Ph.D., associate professor of history in Arts & Sciences; James W. Davis, Ph.D., professor of political science in Arts & Sciences; Larry M. May, J.D., professor of philosophy in Arts & Sciences; Leila N. Sadat, J.D., professor of law; and Harry Levins, military writer for the *St. Louis Post-Dispatch*.

Several issues will be discussed, including what constitutes a legal war and a just war; what are the justifications and risks associated with a unilateral campaign against Iraq; what does international law play; and what are the possible consequences of a military strike against Iraq, both in the United States and overseas.

The panel discussion is free and open to the public. For more information, call 935-6700.



Responding to a persistent need with assistance from technician Monique Tyler of the Gateway Blood Association, first-year student Stephen McCarthy donates blood at a recent drive at The Gargoyle in Mallinckrodt Student Center. The semester's third and final blood drive — sponsored by the Congress of the South 40 and the Office of Human Resources, in collaboration with the American Red Cross — will be held from 11 a.m.-4 p.m. Nov. 11-12 at The Gargoyle and from 5-10 p.m. Nov. 13-14 in Friedman Lounge in Wohl Student Center. Drives next semester are scheduled for Jan. 27-30, Feb. 24-27 and March 31-April 3.

## Campus Watch

The following incidents were reported to University Police Oct. 29-Nov. 5. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at [police.wustl.edu](http://police.wustl.edu).

### Oct. 31

4:50 p.m. — A person took \$60 from the desk of an unsecured room in Eliot Residence Hall during Parents Weekend.

### Nov. 1

8:05 a.m. — An unknown person pried open a vending machine located on the lower level of Prince Hall. Total loss is undetermined.

3:15 p.m. — There was a small fire in the oven on the first-floor kitchen area of Park House. Maintenance and the Clayton Fire Department responded. The oven was taken out of the building to let the smoke out and to cool down. No damage to any surrounding areas was observed.

### Nov. 3

2:39 a.m. — A student had his jacket and sweat pants stolen

from an unlocked car parked on the east side of the tennis courts between 12:30-2 a.m. Total loss is estimated at \$150.

### Nov. 4

10:55 a.m. — A student reported that an unknown person stole his cell phone from inside his backpack, which he had briefly left unattended in the ground-floor study room of Park House. Total loss is estimated at \$150.

### Nov. 5

12:36 p.m. — A person reported that a coat was taken during a party at the Sigma Phi Epsilon fraternity house. Total loss is estimated at \$160.

Additionally, University Police responded to two reports of property damage, two judicial violations and one report each of assault, larceny, auto accident and trespassing.

## Asian, U.S. journalists to address making news

By GERRY EVERDING

"Asia in Print: A Dialogue With Asian and American Journalists on Making the News" will be the focus of a University-sponsored public forum to be held from 2:30-6 p.m. Nov. 9 at the Chase Park Plaza, 212-232 N. Kingshighway Blvd.

Sponsored by the Visiting East Asian Professionals (VEAP) Program in Arts & Sciences, the event features Asian journalists from China, Japan, South Korea and Taiwan, as well as American journalists with extensive experience reporting on Asia.

The afternoon program is free and open to the public. A similar workshop for University students will be offered on the Hilltop Campus that morning.

Roundtable panelists, all seasoned veterans reporting on East Asia, will discuss not only the issues that shape the news emanat-

ing from the region, but also the factors that contribute to making what they report "newsworthy."

Topics to be discussed include

cultural perceptions of the role of journalism; governmental controls on access to information; the role of international journalists in creating a portrait of East Asia; the impact of news on regional politics; and implications of the Internet and globalization on cultures, media operation and government policies.

Panelists include:

- **Sang-Hun Choe**, a reporter for The Associated Press in South Korea who shared the 2000 Pulitzer Prize for investigative reporting on the U.S. massacre of civilians at No Gun Ri during the Korean War.

- **Nozomu Nakaoka**, a freelance journalist specializing in economics and finance and a longtime editor at various Asian media and Reuters.

- **Man-peng Tiao**, a senior writer for *Common Wealth* magazine, now reporting on preventive health issues and the environment in Taiwan.

- **Ernest Yuyan Zhang**, deputy director of Guangzhou Daily Press Group, China's largest newspaper conglomerate.

- **Leslie Helm**, a longtime

Japan correspondent for the *Los Angeles Times* and *Business Week*, now a columnist for the Japanese magazine *Sapio*.

### Forum

**Who:** Visiting East Asian Professionals Program in Arts & Sciences

**What:** "Asia in Print: A Dialogue With Asian and American Journalists on Making the News"

**Where:** Chase Park Plaza, 212-232 N. Kingshighway Blvd.

**When:** 2:30-6 p.m. Nov. 9

For more information, call 935-8772 or visit the VEAP Web site at [artsci.wustl.edu/~veap](http://artsci.wustl.edu/~veap)

• **Repps Hudson**, a *St. Louis Post-Dispatch* writer and editor who traveled to Japan on a fellowship and teaches courses on journalism and international affairs in University College in Arts & Sciences.

• **William Steven Jones**, an editor with Dow Jones Newswires who spent 13

years in Asia as a reporter, news editor and managing editor of *The Asian Wall Street Journal*.

• **Judy Polumbaum**, a journalism professor at the University of Iowa who has consulted for English-language media in China and written extensively on Asian issues.

• **Ellen Soetebert**, award-winning journalist and editor of the *St. Louis Post-Dispatch* since January 2001.

• **Joyce Barnathan**, an assistant managing editor of *Business Week* magazine, who recently completed a seven-year assignment as Asia regional editor and Hong Kong bureau manager for the magazine.

For more information on the forum, call 935-8772 or visit the VEAP Web site at [artsci.wustl.edu/~veap](http://artsci.wustl.edu/~veap).

## PICTURING OUR PAST



The University football team struggled mightily for its first three decades, when along came Jimmy Conzelman to right the ship. Conzelman had played one year at the University but withdrew after the 1919 season due to the death of his stepfather and the fact that he was suspended because of academics. He played pro ball until 1929, when a knee injury ended his playing career. He came back to the University in 1932, and in his last six years of coaching compiled a 32-16-2 record. He was the first coach in University history to compile a winning record and won two straight Missouri Valley Conference titles. During his time as coach, Conzelman scheduled such illustrious opponents as the universities of Illinois and Notre Dame, Southern Methodist and Michigan State universities and Army. Attendance records were broken and big games were broadcast on as many as six St. Louis radio stations during the golden era of Bears football. He jumped to the NFL in 1940 as coach of the Chicago Cardinals, and he was elected to the Pro Football Hall of Fame in 1964 after going 82-69-14 and winning the 1947 NFL championship.

Washington University will be celebrating its 150th anniversary in 2003-04. Special programs and events will be announced as the yearlong observance approaches.

## Record

Washington University community news

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 Washington University in St. Louis

## School of Medicine Update

# Image matters

Molecular imaging may diagnose disease before symptoms appear

By DARRELL E. WARD

School of Medicine researchers are developing methods to track molecular events in the body to diagnose disease long before symptoms appear and to predict the effectiveness of drug therapies.

The research is under way at the medical school's Molecular Imaging Center at the Mallinckrodt Institute of Radiology. The center is funded by a five-year, \$9.4 million grant from the National Cancer Institute.

"Molecular imaging combines the latest in imaging technology with the power of molecular biology," said David Piwnica-Worms, M.D., Ph.D., professor of radiology and of molecular biology and pharmacology and director of the new center.

"We believe that molecular imaging will one day enable us to diagnose specific molecular events of cancer, neurologic disease or inflammation earlier in the course of disease, and that this will help doctors identify the most effective therapy for individual patients."

Piwnica-Worms described molecular imaging and research being done at the center during the 40th Annual New Horizons in

Science Briefing, sponsored by the Council for the Advancement of Science Writing, hosted Oct. 27-30 by the University.

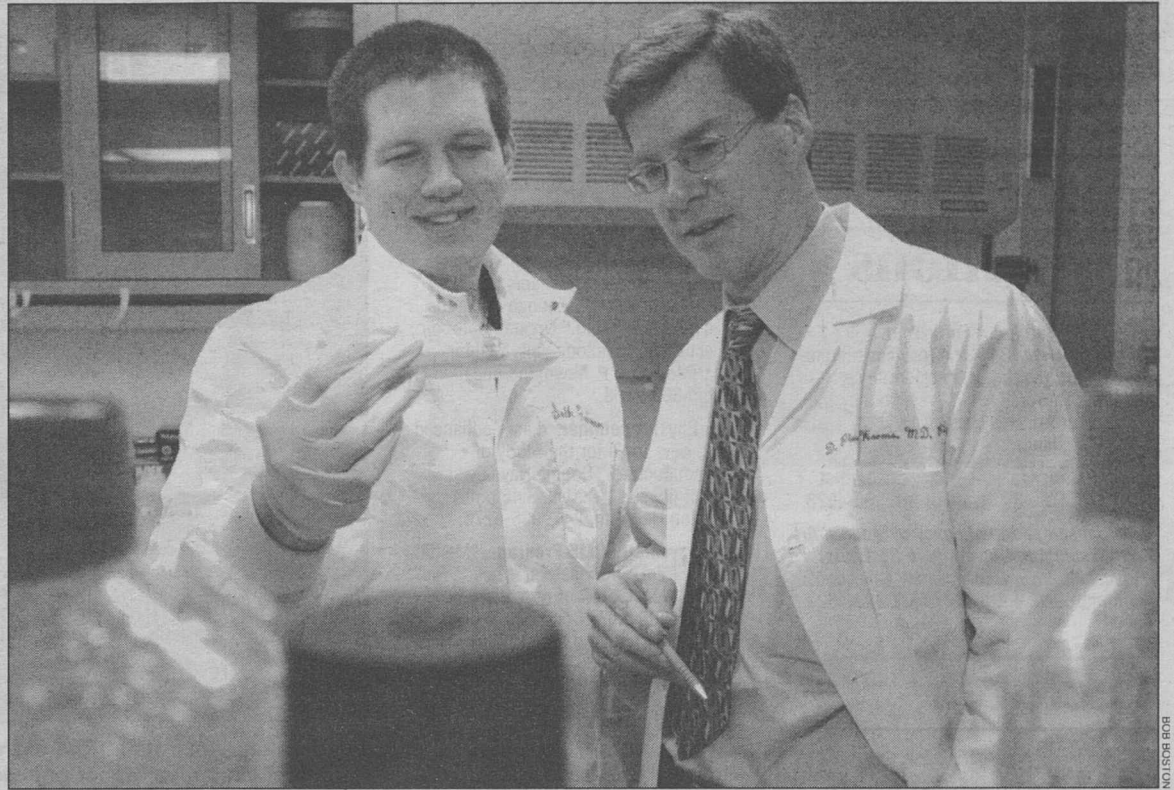
Investigators at the center are using molecular imaging to study protein-protein interactions, immune cells attacking a tumor and the course of a viral infection and its response to antiviral therapy.

Other researchers are developing a means to noninvasively predict the effectiveness of particular chemotherapy drugs in patients with advanced lung cancer.

The investigators are studying lung tumors for ways to image the activity of a protein that pumps certain anticancer drugs out of tumor cells, rendering the drugs ineffective for those individuals.

Positron emission tomography (PET) is one example of molecular imaging technology already in use clinically. PET scans are used, for instance, to detect the spread of certain cancers.

Patients are given a form of sugar (glucose) that contains a weak radioactive label. The labeled sugar is taken up more rapidly by tumor cells than by normal cells because the tumor cells are growing at a faster rate. PET-scan imaging reveals this



Third-year graduate student Seth Gammon (left) and David R. Piwnica-Worms, M.D., Ph.D., professor of radiology and of molecular biology and pharmacology, discuss a preparation of molecular imaging probes.

higher level of uptake, thereby providing a nonsurgical means of detecting an otherwise hidden tumor.

University researchers at the Molecular Imaging Center are developing new applications for existing technologies, such as

PET, and exploring new methods of molecular imaging using near-infrared fluorescence and bioluminescence probes.

## Management courses for physicians offered by Olin School

By ROBERT BATTERSON

Physicians often are bogged down by excess paperwork and running the business of medicine.

The "Inside the Business of Medicine" program at the Olin School of Business aims to help physicians efficiently run the business side of their medical practices so that they can focus on what matters most: patient care.

This month, the Olin School is offering several courses designed specifically for practicing physicians.

"'Inside the Business of Medicine' is a totally new type

of executive education program in health-care management — it's designed with practicing physicians in mind," said George Cesaretti, assistant dean and director of ExecEdge Corporate Education.

"The courses in this program will give a physician the skills needed to get a grip on the business side of the practice and turn it into a smooth-running and profitable operation, so that more time can be spent on being a physician and less on paperwork."

A daylong course titled "Building an Effective Medical Office Staff" will be offered Nov. 9.

The course will cover how to build a solid infrastructure that frees physicians to focus on patient care by defining the knowledge, skills and abilities needed for office staff positions.

The course also details how to identify personality types to ensure a good fit with the physician and his or her staff.

The seminar also includes a session called "How We Want to Operate Around Here," which will offer a side-by-side analysis of how to assess and identify likely friction points.

In addition, the course will cover the art of creating the "Compact of Agreement" and how to conduct better regular reviews.

The "Financial Management for Medical Practice" course will be led by accounting Professor Ron King, Ph.D., from 9 a.m.-9 p.m. Nov. 15-16.

The first day of the course covers business organizations, various accounting strategies, formatting annual reports and financial statements along with two mini case studies: "Understanding the Balance Sheet of a Clinic" and "Understanding the Income Statement of a Medical Organization."

Highlights of the second day include financial statement analysis, cost allocation and tools for analyzing investment decisions.

All courses are held at the Charles F. Knight Executive Education Center on the Hilltop Campus.

The "Inside the Business of Medicine" program will offer additional courses in January; topics include "Strengthening Negotiating Skills" and "Marketing Approaches for the Small Practice."

Each course day counts for six Continuing Medical Education credits.

Instruction materials, parking and lunch are included in the course fees.

For tuition and enrollment information, call 935-8976 or go online to [olin.wustl.edu/execed/excededge/series/ibmed.cfm](http://olin.wustl.edu/execed/excededge/series/ibmed.cfm).



Schechter professorship Samuel E. Schechter, M.D. (left), congratulates Gustav Schonfeld, M.D., at the Oct. 31 installation of Schonfeld as the first Samuel E. Schechter Professor of Medicine. The new professorship will continue to fund Schonfeld's lifelong research on atherosclerosis and the prevention of coronary artery disease. Schonfeld and Schechter, professor emeritus of medicine and a 1941 alumnus, are colleagues and longtime family friends.

## Diagnosis

— from Page 1

damage and identifying patterns of cellular gene expression within liver tissue of patients.

Now, researchers will be able to access an electronic database that logs collected clinical data and tissue specimens from the participating medical centers. By studying a larger sample of specimens, the team aims to determine whether the extent of hepatic fibrosis and the expression of specific genes that promote fibrosis are predictive of disease progression.

Shepherd explained that if better methods of predicting which

infants will progress to end-stage liver disease can be developed, scientists can provide a potential window of opportunity to halt the progress of liver injury.

Genetics may unlock the mystery. Researchers surmise that the advent of new genomic technology will provide an unprecedented opportunity to discover genetic markers for biliary atresia and to improve diagnosis and management strategies of the disease.

"The plans put forward by all the participating institutions are really exciting," Shepherd said. "There is no doubt that over the next five years we will learn a great deal more about this mysterious disease than we have over the past four decades."

## Nobel Prize-winner Sulston holds book signing

Leading Human Genome Project researcher Sir John Sulston — winner of the 2002 Nobel Prize in physiology or medicine — and Georgina Ferry, noted science writer and BBC broadcaster, will hold a book signing for the University community from 4:30-5 p.m. Nov. 12 in the lobby of the 4444 Forest Park building.

The book, *The Common Thread: A Story of Science, Politics, Ethics and the Human Genome*,

also will be discussed at 8 p.m. that evening in the Exploradome Exhibition Gallery at the St. Louis Science Center.

The lecture is free and open to the public.

Robert H. Waterston, M.D., Ph.D., director of the Genome Sequencing Center, is hosting the University visit. He and Sulston were major collaborators on the sequencing of the human genome.



Holiday cards that capture the image of a lone cardinal, are available at the Center for Advanced Medicine.

## Holiday cards benefit Siteman center

By KIMBERLY LEYDIG

What could be more St. Louis than a cardinal?

The puffed scarlet bird is a classic harbinger of holiday cheer and warmth.

But this seasonal greeting isn't just an elegant image — it also aids in the fight against cancer.

A set of 15 holiday cards — being sold by the Alvin J. Siteman Cancer Center at the School of Medicine and Barnes-Jewish Hospital — includes the message: "May joy be your gift this holiday

season, and may peace, hope and love be your treasure in the new year. Happy Holidays."

Proceeds from the cards benefit the Siteman Cancer Center.

Photographer Sherry Lubic of Lubic & Lubic Photography captured an image of a lone cardinal perched on an icy branch last winter.

The boxed set of cards can be purchased at the Health and Cancer Information Center, located on the first floor of the Center for Advanced Medicine.

For more information or to order, call 362-7844.



## Piano association to give inaugural concert

BY LIAM OTTEN

The Washington University Piano Association, a newly formed student group, will sponsor its first recital at 7:30 p.m. Nov. 13 in Tietjens Recital Hall.

The Piano Association was founded last spring by juniors Barbara Huen and Brad Adelman, of the School of Engineering & Applied Science, and Clement Chau, a psychology and music double major in Arts & Sciences, as a way to bring together piano enthusiasts from across the University.

The group, which currently has about 20 members and recently achieved Student Union recognition, will sponsor performance

opportunities as well as piano workshops, lectures and group trips to local concerts.

Seth Carlin, professor of music in Arts & Sciences and director of the piano program, serves as faculty adviser.

Huen, who began studying piano at age 6, noted that, for students with some training but who are not currently taking lessons, "this is a way of continuing what they love to do without the pressure of grades and classes. It's also about teamwork and other people, because of the type of music that we play," which often includes works for four, six or eight hands on multiple pianos.

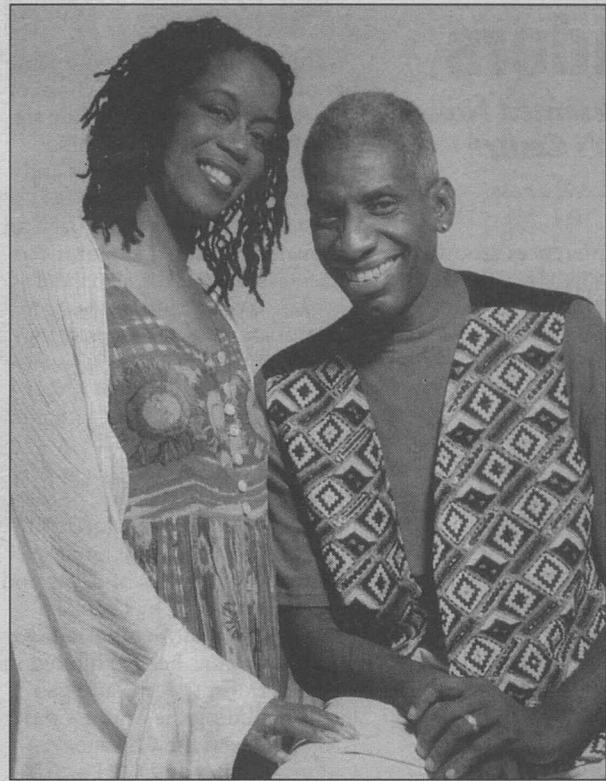
The Nov. 13 performance will feature works by Beethoven and

Schubert performed on fortepiano, a keyboard instrument whose heyday extended from the second half of the 18th century into the early 19th century. (The instrument's successor, the modern piano, came into full use during the 1860s.)

Students will perform on a copy of a fortepiano built in 1824 by Conrad Graf, a maker of instruments played by Beethoven and Schubert as well as Haydn and Mozart.

The group's next recital, on Dec. 11, will feature movements of Beethoven's 5th and 7th symphonies and works by Rachmaninoff, Faure and Bizet, among others.

Admission is free and open to the public. For more information, call 862-1225.



The singer-songwriter duo of Kim and Reggie Harris will be at the University at 11 a.m. Nov. 16 to perform *Music and the Underground Railroad* as part of the Edison Theatre Ovarions! for young people series.

COURTESY PHOTO

## Neighbors

University administrators address issues at meeting  
— from Page 1

tentative at this point.

"Nothing is set in stone yet; we haven't firm'd anything up," Hoffner said. "We're open to suggestions from the University's neighbors so that together we can come up with the best solutions possible."

Executive Vice Chancellor Richard A. Roloff gave an update on the University's numerous new construction projects, including the Arts & Sciences Laboratory Teaching Building and Uncas A. Whitaker Hall for Biomedical Engineering. He also provided details on renovations to exist-

ing structures, such as Olin Library and the Greenway and Rosedale apartment buildings.

Roloff said the University welcomed suggestions from the neighbors regarding what kinds of retail establishments should be sought for the first floor of the 276 Skinker Building, under construction at the northeast corner of Skinker and Forest Park Parkway.

Wrighton said the recently established Neighborhood Security Patrol, which covers neighborhoods where the University owns off-campus housing, has been a helpful increase to security.

The chancellor also discussed plans for the University's celebration of its 150th anniversary in academic year 2003-04, including an open house Sept. 14.

"This will be an opportunity for the entire community to come

to the campus, explore the campus, find out what we do here and participate in lectures, demonstrations and special programs," Wrighton said. "People will be able to explore some of our facilities and have a chance to interact with some of our faculty."

Leah A. Merrifield, director of community relations, moderated a question-and-answer session with the neighbors and Wrighton, Roloff, Hoffner and James E. McLeod, vice chancellor for students and dean of the College of Arts & Sciences.

Wrighton reiterated the University's strong interest in working through issues together with its neighbors.

"We appreciate the opportunity to hear directly from you," he said. "We're always ready to engage you, and we're available all the time to receive your questions and suggestions."

**Microbial Pathogenesis Seminar Series.** "Modulation of Host Cell Signaling and Gene Expression by Trypanosoma Cruzi." Barbara Burleigh, asst. prof. of immunology and infectious diseases, Harvard U. Cori Aud., 4565 McKinley Ave. 747-2630.

**4 p.m. Biology seminar.** "Predicting and Detecting Rules of Gender Expression in Plants." Susan Mazer, prof. of ecology, evolution, and marine biology, U. of Calif., Santa Barbara. Rebstock Hall, Rm. 215. 935-6706.

**4 p.m. Anesthesiology Research Unit seminar.** "Volatile Anesthetic Interactions With Four-helix Bundle Proteins." Jonas Johansson, asst. prof. of anesthesiology, U. of Penn., Philadelphia. Clinical Sciences Research Bldg., Rm. 5550. 362-8560.

**7-8:30 p.m. Students and Teachers As Research Scientists (STARS) lecture.** "Promising Strategies to Repair the Damaged Spinal Cord." John McDonald, asst. prof. of neurology and neurological surgery, dir., Spinal Cord Injury Program. Sponsored by the National Science Foundation, Solutia Inc., E. Reuben and Gladys Flora Grant Charitable Trust, St. Louis U., WUSTL, and U. of Missouri-St. Louis. U. of Missouri-St. Louis, Century B Millennium Center. 516-6226.

### Wednesday, Nov. 20

**10 a.m. Biology seminar.** "Natural Selection at Multiple Scales: Populations, Communities and Higher Taxa." Susan Mazer, prof. of ecology, evolution, and marine biology, U. of Calif., Santa Barbara. Rebstock Hall, Rm. 309. 935-6706.

**11 a.m. Assembly Series.** Joshua Sobol, playwright. Graham Chapel. 935-5285.

**4 p.m. Biochemistry and Molecular Biophysics seminar.** "Subunit Interfaces and Cooperativity in Hemoglobin: A Surprising Role Reversal." Gary K. Ackers, prof. of biochemistry and molecular biophysics. Cori Aud., 4565 McKinley Ave. 362-0261.

### Thursday, Nov. 21

**3 p.m. Engineering lecture.** Mechanical Engineering Sesquicentennial Colloquium Lecture. "A Journey of Electrostatic Aerosol Technology." Da-Ren Chen, asst. prof. of mechanical engineering. Cupples II Hall, Rm. 100. 935-6047.

**4 p.m. Biology seminar.** "Towards an Understanding of Mycobacterial Pathogenesis through Studies of Gene Expression and Regulation of Gene Expression." Josephine Clark-Curtiss, research asst. prof. of biology and molecular microbiology. Rebstock Hall, Rm. 322. 935-6850.

**4 p.m. Ophthalmology & Visual Sciences Seminar Series.** "Role of T Cell Subsets and Apoptosis in a Primary Model of Herpetic Keratitis." Patrick M. Stuart, asst. research prof. of ophthalmology and visual sciences. Barnes-Jewish Hosp. Bldg., East Pavilion Aud. 362-1006.

## On Stage

### Saturday, Nov. 9

**8 p.m. School of Art multimedia performance.** *Bill Kohn: A Forty-Year Retrospective.* Bill Kohn, professor emeritus of art. (Also Nov. 10, 3 p.m.; see also Exhibitions, above.) Cost: \$12, \$8 for students. Des Lee Gallery, 1627 Washington Ave. 935-6543.

### Saturday, Nov. 16

**11 a.m. ovations!** for young people. *Music and the Underground Railroad.* Kim & Reggie Harris. Cost: \$7. Edison Theatre. 935-6543.

### Thursday, Nov. 21

**8 p.m. Performing Arts Department production.** *Shooting Magda.* By Joshua Sobol. Henry Schvey, prof. and chair of performing arts, dir. Cost: \$12, \$8 for WUSTL faculty, staff, students and senior citizens. Edison Theatre, A.E. Hotchner Studio Theatre. 935-6543.

## Music

### Friday, Nov. 8

**8 p.m. Voice recital.** David Koch, tenor; Henry Palke, piano. Music of Schumann, Dupark, Warlock and Tosti. Graham Chapel. 935-4841.

### Saturday, Nov. 9

**6 & 9 p.m. A capella concert.** Amateurs Goin' Pro. Washington University Amateurs. Cost: \$5. Graham Chapel. 324-3437.

**8 p.m. Concert.** Eliot Trio. Works of Mozart, Brahms, and Shostakovich. Cost: \$15, \$10 for senior citizens and students. Steinberg Hall Aud. 935-4841.

### Thursday, Nov. 14

**8 p.m. Jazz at Holmes.** Willie Akins, saxophone. Ridgley Hall, Holmes Lounge. 935-4841.

### Sunday, Nov. 17

**3 p.m. Concert.** Washington University

Symphony Orchestra and winners of the Young Artist Piano Concerto Competition. Graham Chapel. 935-4841.

## Sports

### Friday, Nov. 8

**5:30 p.m. Men's Soccer vs. Dominican U.** Francis Field. 935-4705.

### Saturday, Nov. 9

**Noon. Football vs. Carnegie Mellon U.** Francis Field. 935-4705.

### Saturday, Nov. 16

**All day. Cross Country NCAA Midwest Reg. Champs.** Francis Field. 935-4075.

## Worship

### Sunday, Nov. 10

**8 p.m. Evening Prayer.** Sponsored by Lutheran Campus Ministry, Bethel Lutheran Church. (Intersection of Big Bend and Forsyth boulevards.) 863-8140.

## And more...

### Friday, Nov. 8

**7 p.m. Gallery of Art Guided Tours.** Tours of *H.W. Janson and the Legacy of Modern Art at Washington University in St. Louis* and Christian Jankowski's *Targets*. (Also Nov. 15.) Gallery of Art. 935-5490.

### Saturday, Nov. 9

**9 a.m. Visiting East Asian Professionals Program student workshops.** "Writing Asia: A Journalist's Perspective on Issues in East Asia." (Registration 8-9 a.m.) Registration required. January Hall, Rm. 110. 935-8772.

**2:30 p.m. Visiting East Asian Professionals Program public forum.** "Asia in Print: A Dialogue With Asian and American Journalists on Making the News." (Reception, 4:30-6 p.m.) Chase Park Plaza, Empire Rm. 935-8772.

### Monday, Nov. 11

**11 a.m.-4 p.m. Blood drive.** Sponsored by Congress of the South 40 and human resources. (Also Nov. 12.; Nov. 13 & 14, 5-10 p.m., Wohl Student Center, Friedman Lounge.) Mallinckrodt Student

## Music and the Underground Railroad at Edison Nov. 16

BY LIAM OTTEN

Kim and Reggie Harris will perform *Music and the Underground Railroad* as part of the Edison Theatre ovations! for young people series. The special one-time-only performance begins at 11 a.m. Nov. 16.

The show combines songs, stories and spoken narratives with singalongs, audience participation and multimedia presentation to explore a critical period in American history.

The singer-songwriter duo have been composing their own music and delighting audiences across the nation for more than 25 years. Their songs and stories both cover contemporary and historical issues and encourage audiences to laugh, learn and interact.

*Music and the Underground Railroad* recalls one of the most

remarkable chapters in American history, expressing the "hope, power and ingenuity of an enslaved people who used their traditions, passions and resources to express their faith, strengthen their relationships and communicate important information that led many of them to freedom."

The ovations! for young people series brings nationally recognized performing artists to St. Louis for affordably priced, family-friendly matinees. The series complements the Edison OVATIONS! Series, which sponsors a wide range of music, dance and theatrical events.

Tickets for *Music and the Underground Railroad* are \$7 and available through the Edison Theatre Box Office, 935-6543, and through all MetroTix outlets. For more information call 935-6543.

## Construction Update

Construction Update is published periodically and provides information about the progress of major University building and renovation projects on the Hilltop, Medical and West campuses. Information is provided to the *Record* by facilities management.

### Earth and Planetary Sciences Building

Footing and foundation walls are continuing to be poured, and one section of slab on grade on the lower level of the building has been placed. Temporary lighting is provided to assist in safety and security. Hoyt Drive is continually being cleaned because of loose dirt and gravel. A flagman is posted on the site to promote safe traffic flow.

### Housing Phase III

Construction has started with the first floor on the west end. Nearly all of the foundation walls have been placed. A flagman is posted at the site entrance to promote safe pedestrian crossing and efficient traffic control.

### 276 N. Skinker

The main steel erection is essentially completed. Work scheduled includes structural steel detail work, completion of the underground storm water system, the completion of the new alley to Pershing Avenue and pouring of the concrete for the second and third floors.

### Whitaker Hall for Biomedical Engineering

Stonework for the building has been placed, and the granite washing and caulking continues. The lower level and first floor are essentially completed, while painting continues on the second floor and drywall taping continues on the third floor. Classroom acoustic panels are being completed, and outside concrete work and landscaping topsoil continues on the north and west sides.

### Olin Library

Installation of drywall and taping on Level A has started, the access floor has been installed. Audiovisual rough-ins are being installed, the sprinkler system is complete and masonry patching is taking place. On Level 1, the temporary offices on the north side are occupied and a perimeter curtain wall is nearing completion. And in the penthouse, heating, ventilating and air conditioning demolition is being wrapped up in preparation for new air handlers and electrical switchgear.

*No large-scale University projects currently are under way at either the Medical Campus or at West Campus.*

## Founders

Awards presented Nov. 9 at America's Center

— from Page 1

professional conferences around the world, and she has authored more than 50 articles.

### Lee Epstein

Lee Epstein, Ph.D., joined the Department of Political Science in 1991 and soon after became a full professor. From 1995-99, she served as department chair, and in 1998 she was named the Edward Mallinckrodt Distinguished Professor of Political Science.

In 2000, she received a dual appointment in the School of Law.

Internationally recognized as a leading authority on courts, law and judicial politics, Epstein has authored, co-authored or edited 12 books, including *The Supreme Court Compendium: Data, Decisions, and Developments*, which received special recognition as well as being named an Outstanding Academic Book from *Choice* magazine; and *The Choices Justices Make*, which received the C. Herman Pritchett Award for best book published on law and courts in 1998.

Epstein is the recipient of seven grants from the National Science Foundation to support her research.

Contributing to her profession, Epstein serves as a member of the board of directors of the American Judicature Society, and as a member of the board of trustees of the Law and Society Association.

She sits on the editorial or advisory boards of several scholarly publications, and she currently serves as president of the Midwest Political Science Association.

As an active member of the University community, Epstein is on the Academic Planning Committee for the College of Arts & Sciences; the advisory boards for the law school's Center for Interdisciplinary Studies and for the Whitney R. Harris Institute for Global Legal Studies; and the University's Academic Freedom and Tenure Hearing Committee.

Recognized for her inspiring and demanding role as a teacher, she was honored recently with a Faculty Member of the Year Award from the University's Student Union, and as Professor of the Year by the Undergraduate Political Science Association.

### Ronald A. Leax

During his 17 years as a member of the faculty in the School of Art, Ronald A. Leax has made significant contributions by his teaching, creative endeavors and service.

As a sculptor, Leax has been an innovator whose art explores ecological issues and the signs and systems of order and decay, both cultural and natural. Long recognized as a trailblazer, Leax's sculpture was included in one of the nation's first exhibitions with an ecological theme.

His major work, *Ontological Library*, is a compendium of books and objects, categorized by branches of knowledge, undergoing various processes of decay and corrosion induced by chemical and physical treatments.

His work has been exhibited in a number of museums and galleries, including the Maine Coast Artists Gallery, the Chicago Cultural Center and the Forum for Contemporary Art in St. Louis.

Leax's influence as a teacher is borne out by his students, who refer to him as an outstanding teacher, showing an ability to help both beginning and advanced art students understand the elements of three-dimensional design, creative building techniques and their aesthetic context.

One of his most significant contributions to art education is his membership in the National Advisory Board for the Advanced Placement Studio Art Program for the Educational Testing Service. Through this service, Leax has helped develop curriculum for art education that is being distributed through the College Board to more than 10,000 secondary schools throughout the country.

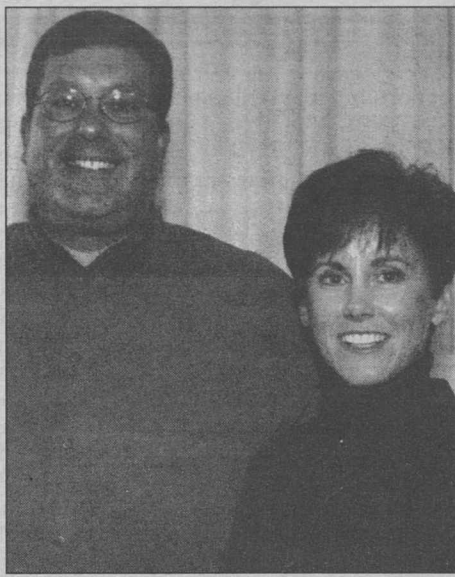
In addition, Leax serves the School of Art as chair of its faculty. For the University, he has served on many committees; they currently include the Retention, Promotion, Tenure Committee and the Curriculum Committee.

He earned a bachelor's degree in arts from Brown University in 1969 and a master's degree in fine arts from the Cranbrook Academy of Art in 1980.

### James T. Little

For the past 31 years, James T. Little, Ph.D., has been a teacher, administrator and scholar at the University, first in Arts & Sciences as a professor of economics and currently in the Olin School of Business as professor of finance and economics.

His research interests include the study of implications of glob-



Whitney R. Harris (left) and Robert J. and Julie Skandalaris are the recipients of the 2002 Robert S. Brookings Awards.

alization for corporate strategies, the economics of the European Union, and insurance regulation.

His accomplishments in the classroom are matched by his administrative successes. From 1983-89, Little served as associate dean for academic affairs, where he led the effort to restructure the Olin School's undergraduate curriculum and to create a new study abroad program, which has been widely adopted by other undergraduate business programs throughout the country.

In addition, he currently administers the Olin School's London Summer Program and serves as academic director for the school's executive master of business administration program.

His administrative expertise is matched by his teaching. Little has received three awards for outstanding teaching, including the 2001 professional MBA class award and the 2000 and 2001 executive MBA class awards.

As a responsible citizen of the University, Little has contributed in many ways over the years, including as a member of the Faculty Council, the Freshman Advisory Board and the International Relationships Committee.

Little earned a bachelor's degree in communications from the University of British Columbia in 1967 and a doctorate from the University of Minnesota in 1977.

### Whitney R. Harris

Whitney R. Harris has long been associated with human rights and universal justice.

As a young Naval officer with a law degree from the University of California, Berkeley, Harris

was chosen at the end of World War II to join the Office of Strategic Services and help prosecute German war criminals at Nuremberg. He served in this capacity throughout the trial and was responsible for the prosecution of Ernst Kaltenbrunner as well as members of the Gestapo and the Security Service.

These remarkable experiences were later recounted in his 1954 book, *Tyranny on Trial: The Evidence at Nuremberg*, widely considered to be the first definitive account of this unprecedented chapter in modern history. It is currently in its third edition.

Returning to the States after the war, Harris taught law at Southern Methodist University, where he also directed the Law Institute of the Americas. In addition, he served as staff director of Legal Services and Procedure for the Commission on the Organization of the Executive Branch of the U.S. government and as the executive director of the American Bar Association.

From 1954-1963, he served as general solicitor for Texas for the Southwestern Bell Telephone Co., and until 1965 as general solicitor for the company in St. Louis. Following that, Harris entered private practice with Sumner, Harris and Sumner until his retirement in 1989.

Known for his philanthropy and civic involvement, Harris has supported many institutions in St. Louis and has been especially generous to the University.

In 1980, he established the Whitney R. Harris Collection on the Third Reich, which is housed in Olin Library's Jane and Whitney Harris Reading Room.

For his achievements in international justice and for his support, the School of Law recently renamed its Institute for Global Legal Studies in his honor.

### Robert J. and Julie Skandalaris

Robert J. and Julie Skandalaris embrace the concepts of entrepreneurship and philanthropy and have successfully combined these interests through their involvement at the University.

A true entrepreneur, Robert Skandalaris has created many successful enterprises. He is the founder, president and chief executive officer of Noble International Ltd., a NASDAQ manufacturer of automotive parts and heavy equipment and provider of logistic services.

Prior to founding Noble, Skandalaris was a shareholder and vice chair of the Oxford Investment Group. He also co-founded the Michigan Trust Bank, the Bank of Bloomfield Hills and the Bank of Rochester, some of the state's most successful private banks.

Last year, he helped found and now manages Quantum Associates LLC, a leveraged buy-out fund for acquisition of distressed middle-market manufacturing and distributing entities. Before that, Skandalaris was a senior vice president and member of the Chairperson's Council for Prudential Bache Securities.

He began his career as a certified public accountant with Touche Ross and Co.

For the University, the Skandalaris have created a significant and successful program that facilitates students' understanding of what it takes to start a business. The Skandalaris Entrepreneurial Program provides valuable help with student-started companies.

Under this program, the Olin School has more than doubled its student entrepreneurial opportunities.

Robert and Julie Skandalaris serve the University in very meaningful ways. They serve as co-chairs for the Parents Council and they also belong to the Detroit Regional Cabinet and Campaign Committee.

Robert was recently named a member of the University's Board of Trustees. In addition to program support for the University, they direct the Skandalaris Family Foundation, which provides scholarships to exceptional students throughout the country.

## Sports

### Women win 2nd UAA cross country title

The women's cross country team cruised to its second University Athletic Association title, while the men's team posted a solid third-place finish at the UAA Championships Nov. 2 in New York City. The women, who won their first title in 1996, finished with 47 points while Brandeis University was a distant second with 73. Junior Emily Lahowetz earned first-team all-UAA honors with a fourth-place finish in a time of 23:25.0. Senior Brooke Lane also earned first-team all-UAA accolades with a seventh-place showing (23:37.5). Junior Matt Hoelle finished second in a time of 25:41.2, just seven seconds off the winning time, to earn first-team all-league honors. The Bears men finished with 80 points, just eight points behind second-place Emory University. Brandeis ran away with the title with 47 points.

### Other updates

The No. 1 Bears volleyball team posted a 2-1 record this past weekend at the Wittenberg Volleyball National Quad in Springfield, Ohio. After having 13 days off, the Bears posted a 3-2 win over No. 3 Juniata College Nov. 1. The next day, the Bears dropped their first match of the season, 3-0 to No. 11 Wittenberg University. The Bears closed out the regular season with a 30-16, 30-19, 30-28 win over No. 6 College of Mount St. Joseph.

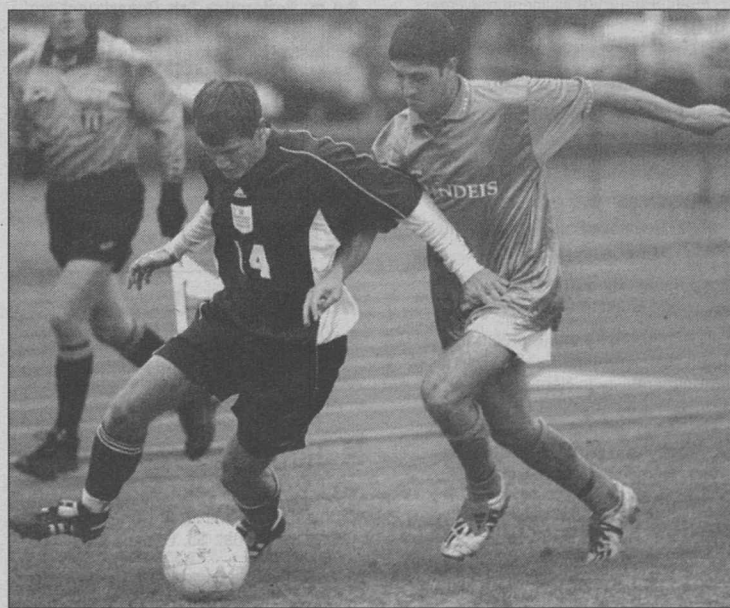
Nathan Szep and Ben Lambert set WUSTL single-season records and the Bears football team wrapped up at least a share of its sixth UAA title with a 28-14 win at the University of Rochester Nov. 2. Lambert's three field goals not only tied the school's single-game record held by himself and three other kickers, but his last field goal gave him 14 this year, besting the previous season mark of 13. Szep completed 14 of 24 passes for 244 yards and three touchdowns, giving him 2,112 yards this year, also

a school record. Szep now also has nine touchdown passes in three UAA games, tying the league single-season record with one game left to play.

The men's soccer team evened its record at 8-8-1 as the Bears split a pair of games last week. In a 5-0 win at Illinois Wesleyan Oct. 30, freshman Rob Weeks scored two goals and added two assists. The Bears wrapped up UAA play with a 2-0 loss to the University of Chicago Nov. 2 at Francis Field. The loss moved the Bears into fifth place in the UAA at 3-4.

The women's soccer team split a pair of home games last week. Washington U. rolled past Westminster College, 7-0, on Oct. 30, outshooting the visitors 35-1. Sammy Sussman put WUSTL up 2-0 with back-to-back goals just 32 seconds apart. WUSTL then wrapped up the 2002 UAA season by dropping a 1-0 decision to Chicago Nov. 2. The Bears finished UAA play with a 3-2-2 record, good for fourth place.

The men's and women's swimming and diving team was swept by Drury University Nov. 1



Bears forward Scott Siebers works around a Brandeis University defender in a recent game. Siebers had the first goal of a 5-0 win Oct. 30 at Illinois Wesleyan University. The 8-8-1 Bears will conclude their season today with a 5:30 p.m. home match against Dominican University.

in Springfield, Mo. The men were defeated 91-151, while the women's team lost 109-127.

Senior Ryan Braun won the one-meter diving with an NCAA-B cut score of 269.10.

## Notables

### Introducing new faculty members

The following are among the new faculty members at the University. Others will be introduced periodically in this space.

**Zeuler Lima, Ph.D.**, joins the School of Architecture as assistant professor. Lima holds a professional diploma, master's degree and doctorate from the School of Architecture and Urbanism at the University of São Paulo in Brazil, and a post-doctoral degree from Columbia University. He has taught at the University of São Paulo, University of Michigan and Columbia University. From 1989-1996, he co-directed a São Paulo-based firm that won several public competitions in Brazil, including one for a government building on the mall in Brasilia. Lima is developing a book about modernism and the work of Italian-Brazilian architect Lina Bo Bardi. He also is researching modern architecture and the public sphere in New York City and São Paulo, in collaboration with Eric Mumford, associate professor of architecture.

**Aaron Stump, Ph.D.**, joins the Department of Computer Science & Engineering as assistant professor. He earned a bachelor's degree at Cornell University in 1997 and a doctorate at Stanford University in 2002. His primary research interests are in computational logic and automated reasoning, with secondary interests in programming languages, system verification and software engineering. One of his new projects is about correct program development. The goal is to give programmers the ability to record some of their intuitive understanding of why their code works correctly as a machine-checkable proof (or partial proof). The ultimate aim is to help programmers create more-correct software.

**Nathan Jensen, Ph.D.**, joins the Department of Political Science in Arts & Sciences as assistant professor. He earned a bachelor's degree from the University of Minnesota in 1998 and a doctorate from Yale University in 2002. In 2001-02, he was a Visiting Scholar in International Studies at the University of California, Los Angeles. His primary research interest is in international political economy with special emphasis on international institutions and foreign direct investment.

**Seth Graebner, Ph.D.**, joins the Department of Romance Languages & Literatures and the program in International & Area Studies, both in Arts & Sciences, as assistant professor. He earned a bachelor's degree in French in 1992 from Gustavus Adolphus College, a master's degree in French in 1996 and a doctorate in French and Francophone literature in 2000, both from Harvard University. During 2000-01, he was Research Fellow at the Centre d'Etudes Littéraires at the Université Cadi Ayyad in Marrakesh, Morocco; during 2001-02 he was an American Council of Learned Societies Fellow in International Studies at the Library of Congress in Washington, D.C. His work revolves around the relationships between literature and history and the physical spaces and borders of cultural contact in which both take place.

### Of note

**George Burris**, director of off-campus housing, was recently elected to the Board of Directors of the National Association of College Auxiliary Services. Burris was elected to chair both the Constitution & Bylaws Committee and the Nominating Committee for one year. ...

**Michael M. Neff, Ph.D.**, assistant professor of biology in Arts & Sciences, has received a three-year, \$300,000 grant from the Department of Energy for research titled "Molecular Genetic Characterization of OBP3 and its Involvement with Photomorphogenesis." ...

**James E. Galvin, M.D.**, assistant professor of neurology, has received a three-year, \$455,538 grant from the National Institute on Aging for research titled "Dementia of Parkinson Type: Clinicopathological Phenotype." ...

**Pratim Biswas, Ph.D.**, the Stifel and Quinette Jens Professor



**Facilitating access to justice** (From left) Keynote speaker Barry Scheck and 2002 Access to Equal Justice Award-winners Miriam Miquelon, Marie Kenyon, Michael Ferry, Bevy Beimdiek and Sandra Moore are joined by Karen Tokarz, J.D., and Peter Joy, J.D., professors of law, at the recent 3rd Annual Access to Equal Justice Conference held at the School of Law. During the conference, the law school's Clinical Education Program presented the awards to honor individuals making exceptional contributions to enhancing access to justice in the St. Louis region.

of Environmental Engineering Science and director of the program, has received a one-and-a-half-year, \$20,000 grant from the University of Florida for research titled "Development of an Interactive Aerosol Dynamics Simulation Program for Undergraduate Education." ...

**Himadri B. Pakrasi, Ph.D.**, professor of biology in Arts & Sciences, has received a three-year grant of \$282,000 from the Department of Energy for research titled "Biogenesis of Photosystems in Synechocystis 6803, a Cyanobacterium." ...

**Alian Wang, Ph.D.**, senior

research scientist in earth and planetary sciences in Arts & Sciences, has received a two-year, \$168,998 grant from the National Aeronautics and Space Administration for research titled "Reduced Carbon and Water Seeker: A Survey Instrument."

## Obituaries

### Maniotis; geneticist, natural historian

**James Maniotis, Ph.D.**, emeritus associate professor of biology in Arts & Sciences, died Wednesday, Oct. 30, 2002, after a brief battle with intestinal cancer at the Barnes-Jewish Extended Care facility. He was 73.

Maniotis was a resident of University City and a member of the University community since 1966.

He lived his professional life as a proponent and champion for the value of Arts & Sciences at the University. He was both valued and honored by thousands of his students and many of his colleagues for his excellence in teaching botany, mycology and natural history for more than 35 years.

As a teacher, he strove to impart to his students how fungi and plants impact human evolution, human health and everyday living.

As a scientist, his basic research with his graduate students and collaborators focused on topics such as the pathogenicity of histoplasmosis; ringworm; aeroallergens bothering children; fungi as indicators of water pollution; fungi as purifiers of solid waste; crop-destroying fungi; athlete's foot fungus; preservation of library books from molds; fermentation; commercial mushroom growing; and the anti-tumor properties of certain fungal extracts.

"He taught with a passion," said Walter H. Lewis, Ph.D., emeritus professor of biology, who came to the University two years before Maniotis joined the faculty. "He loved his students and had the ability to make anyone share the fascination he held for mycology."

Maniotis was a member of Mycological Society of America; The Genetics Society of America; The Botanical Society of America; the American Institute of Biological Sciences; the American Association for the Advancement of Science; and Sigma Xi, The Scientific Research Society.

Maniotis was born of Greek immigrant parents in Detroit in 1929. He was educated in the Detroit public school system.

He earned bachelor's and master's degrees in 1952 and 1957, respectively, from Wayne State University. He earned a doctorate in botany from the University of Iowa in 1960.

He served as a meteorologist and ballistics expert in the U.S. Army from 1953-55 and was in the

U.S. Reserve from 1955-1961.

His wife, Sassa Maniotis, died in 1991 and was a noted piano teacher in St. Louis.

Among his survivors are his son, Andrew Maniotis, who directs a melanoma research and tissue engineering program as an assistant professor at the University of Illinois at Chicago, a brother, Constantine Maniotis of Chicago, and three grandchildren.

A memorial service was held Nov. 2 at Lupton Chapel in University City.

Memorial contributions may be made to Alive & Well AIDS Alternatives, 11684 Ventura Boulevard, No. 338, Studio City, CA 91604.

### Rosenthal; led baby tooth survey analysis

By DARRELL E. WARD

**Harold L. Rosenthal, Ph.D.**, retired professor emeritus of biochemistry and biomedical sciences, died Friday, Oct. 25, 2002, of a pulmonary embolism. He was 80.

Rosenthal, of Creve Coeur, Mo., served as chair in the Department of Physiological Chemistry of the School of Dentistry. His research and teaching interests were varied and expansive, but he perhaps is best remembered for leading the analysis of baby teeth collected during the St. Louis Baby Tooth Survey.

The survey, conducted from 1959-1970 by the St. Louis Citizen's Committee for Nuclear Information (CNI) and funded by the National Institutes of Health, was done to determine the long-term health effects of nuclear fallout from worldwide atomic weapons testing in the 1950s and '60s.

The CNI included many University deans and faculty. The survey ultimately collected more than 100,000 baby teeth from children throughout the region. The teeth were analyzed for strontium-90, a mineral similar to calcium that is created by nuclear bomb blasts and is readily absorbed by fast-growing teeth and bones.

Rosenthal led the analysis of the teeth, with funding from the National Institute of Dental Research. These pivotal tests showed that strontium-90 levels in baby teeth rose and fell in unison over years with bomb tests and declined rapidly after testing ceased.

"This was a dramatic demonstration that radioactive material from fallout produced by atomic bomb testing was getting into our children's teeth and bones," said Danny Kohl, Ph.D., professor of biology in Arts & Sciences, who was acquaintance of Rosenthal's.

The study was instrumental in persuading President Kennedy to adopt a 1963 treaty banning atmospheric bomb tests.

Born in Elizabeth, N.J., Rosenthal earned a bachelor's degree in biology and chemistry in 1943 at the University of New Mexico. In 1951, he earned a doctorate in biochemistry and physiology at Rutgers University.

He came to Washington University in 1958 to serve as chairman of the physiological chemistry department. He retired from the University in 1987.

Rosenthal is survived by his wife, Rose S. Rosenthal; two daughters, Jenifer A.R. Ohriner and Pamela S. Carr; two sisters, Dorothy Winston and Selma Goldman; a brother, Louis S. Rosenthal; and four grandsons.

No memorial service was held. Rosenthal willed his body to the School of Medicine.

Memorial contributions may be made to Washington University's general fund, One Brookings Drive, Campus Box 1082, St. Louis, MO 63130.

### Weltin; religious studies pioneer

**Edward G. Weltin Sr.**, professor emeritus of history in Arts & Sciences, died Tuesday, Oct. 29, 2002, of lung cancer at his home in University City. He was 91.

A native of Quincy, Ill., Weltin earned a bachelor's degree in 1934 and a master's degree in 1935, both in history, from the University of Illinois. He earned a doctorate in history at the University of Illinois in 1946 and joined the Washington University history faculty as an assistant professor in 1947.

Weltin taught Greek and Roman history and then branched out into such courses as "Western Civilization" and "Early Christianity."

A 1986 *West End Word* article detailing Weltin's commitment to teaching Western civilization notes that "sometimes 20 or 30 (students) at a time would come to his office — often bringing their lunches — to talk between classes."

He was instrumental in the development of a religious studies program — one of the first in the country — at the University, and he served as the second director of the Committee on Religious Studies in Arts & Sciences.

Weltin wrote two books, *The Ancient Popes and Athens and Jerusalem*, and numerous articles on the classical age and early Christianity. He also edited the anthology *Great Events From History*.

Weltin retired in 1980 but continued to teach part-time at University College in Arts & Sciences until he was in his 80s.

Weltin's former students and colleagues helped establish the University's Edward G. Weltin Lectureship in Religious Studies in 1986. Robin Jensen, a professor of the history of Christianity at Andover Newton Theological School, delivered the ninth Weltin lecture Oct. 31 at the University.

Other honors for Weltin include being elected to Omicron Delta Kappa Society, a national leadership honor society that recognizes superior scholarship, leadership and exemplary character, and receiving the University's Distinguished Faculty Award in 1971.

His wife of more than 50 years, Florence Tobin Weltin, died in 1993.

Among his survivors are three daughters, Anne Louise Ayers of University City, Marion Elizabeth Graham of Ottawa, Ill., and Florence Kathleen Weltin of Des Peres, Mo.; two sons, Edward George Weltin Jr. of Great Falls, Va., and Gregory Gerhardt Weltin of Kennebunk, Maine; 12 grandchildren; and four great-grandchildren.

Memorial contributions may be made to a charity of the donor's choice.

A funeral Mass was celebrated Nov. 1 at St. Roch Catholic Church in St. Louis and was followed by interment in Resurrection Cemetery.

### Editor's note

Near presstime, it was learned that George I. Zahalak, Eng. Sc.D., senior professor of mechanical engineering in the School of Engineering & Applied Science, died Friday, Nov. 1, 2002. An obituary will run in an upcoming issue of the *Record*.



## Washington People

She regrets finding out about blues virtuoso Stevie Ray Vaughan's prowess only after he died, but that's about the only time that Kathy Atnip has missed the boat.

In fact, Atnip, director of academic support for Arts & Sciences computing and head of the Teaching Lab, also in Arts & Sciences, showed at an early age she had the rare gift of foresight.

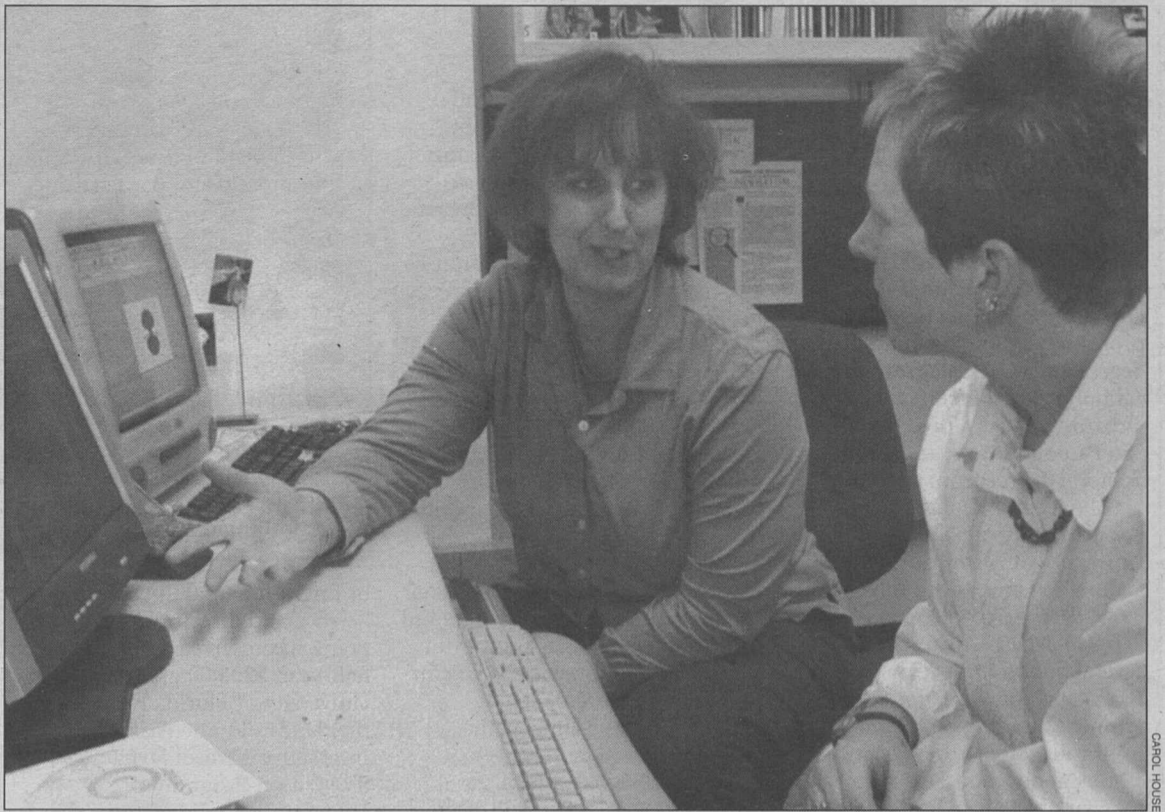
In junior high, she was playing tennis with a friend when a couple of guys named Matt and Brian invited them to play doubles.

"They bought us huge cups of root beer afterward, and I drank every bit even though I've never liked it because Matt was so cute," Atnip said. "Then we dated in high school and each played tennis on the varsity teams."

In 1983, they married and now have three children.

But the home front isn't the only place that Atnip has peered into the future and had great results.

Currently, Atnip and her group



Kathy Atnip (left), director of academic support for Arts & Sciences computing and head of the Teaching Lab, also in Arts & Sciences, shows Regina Frey, Ph.D., senior lecturer in chemistry, director of The Teaching Center and assistant dean of the College of Arts & Sciences, how to better integrate technology with the classroom.

# Merging technology with teaching

## Kathy Atnip helps Arts & Sciences stay ahead of the techno-curve

By ANDY CLENDENNEN

are working on ways to integrate technology into the classrooms of Arts & Sciences.

"We're looking for ways faculty can incorporate technology into their teaching, whether it's making technology fluency important for students, or using technology in the classroom," she said. "We are interested in doing experiments and sustainable teaching projects that will allow us to work in collaboration with the faculty."

"We're helping to provide an opportunity to think about teaching in a different way, and to consider how faculty may rethink their teaching when different tools and support are available."

The Teaching Lab started after some discussion about the pioneering efforts that are taking place in Arts & Sciences, especially among faculty who were looking for better-organized help with approaching new technology. Atnip was chosen to head the lab.

"Kathy Atnip has a passion for technology to improve teaching and learning," said Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts & Sciences. "She works very well with faculty and students at all skill levels to help them achieve their goals."

"She is a big part of our ongoing effort to improve the technological fluency of our faculty and our students. And in everything she does, she is a pleasure to work with."

What started as a one-person operation (Atnip) quickly grew as she hired a postdoctoral student to help with the technological issues. Now the group includes three full-time and two part-time employees.

Every one is needed for some of the projects they are attacking. The

Teaching Lab team is working with Joseph Loewenstein, Ph.D., professor of English in Arts & Sciences, in support of a grant application to the National Endowment for the Humanities and has assisted in creating a prototype of an electronic version of the works of English poet Edmund Spenser (1552-1599). Spenser is perhaps best known for his six-volume *The Faerie Queene*, as well as a treatise on the social and political reformation of Ireland.

While the eSpenser Project, facilitated by Atnip, will benefit scholars and educators worldwide, Atnip also is facilitating a project that hits a little closer

different faculty and collaboration with other groups on campus.

In a two-day symposium in January, faculty members got together to share ideas about how technology can be better used in teaching. The session has spawned other efforts, including discipline-specific gatherings and a newsletter.

But Atnip said technology has been just one small part of the discussion. Teaching is actually the common denominator.

"That's one of the most exciting synergies that I've seen," Atnip said. "People started talking about technology, but the conversation was really about

teaching. We hope to continue the excitement and support this ongoing dialog among faculty."

Her work now is a far cry from how she started several years ago, when the networking wasn't well known outside of those in IBM think tanks and research centers.

But once again, Atnip rode the crest of the first wave at the University.

After starting as a temporary employee working full-time, Atnip took a position with a new office called the Office of the Network Coordinator. A group was created within that office called the Campuswide Software Library, a central resource for managing expensive software licensing.

So in 1987, when the software library opened, she moved into the Office of the Network Coordinator.

"I spent some time developing resources on the network that were really for people," Atnip said. "Help information, focus groups to learn about needed services and training workshops."

"When the University began to offer dial-up modem service for users, I was involved in helping set up the support for that. Part of the process was trying it out for the first time myself, see-

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EDWARD S. MACIAS

to home.

The Teaching Lab has supported history courses, including "Historical Research and Information Technology: Magic and Witchcraft in the Medieval and Early Modern World."

"She has been immensely supportive of the history department's effort to integrate new technologies into our teaching," said Derek M. Hirst, Ph.D., the William Eliot Smith Professor of History in Arts & Sciences and chair of that department.

"She has tried to work out in advance what material and techniques would work; she has been very forthcoming in providing equipment and facilities as members of the department have made suggestions; and she has been very willing to work with us in thinking of new ways that we can go toward the future."

"She's been a great asset to the department."

Another successful effort facilitated by Atnip is the ITeach program, which involves many

ing what people might do with that sort of a service and trying to anticipate questions they might ask."

And along came another cutting-edge project.

A few adventurous students decided to put together the first University Web page with Atnip's help.

"At that time, not many materials were available electronically, but the group attempted to take a look at campus from the view of a student on a Web page interface," Atnip said. "They called it 'By Students, For Students,' and it was a very interesting resource that several students worked very diligently to put together—collecting, and in some cases, creating, electronic versions of information."

"It was really a fun experiment because the students were very dedicated and tried to put a face on this institution for other students who didn't know about it."

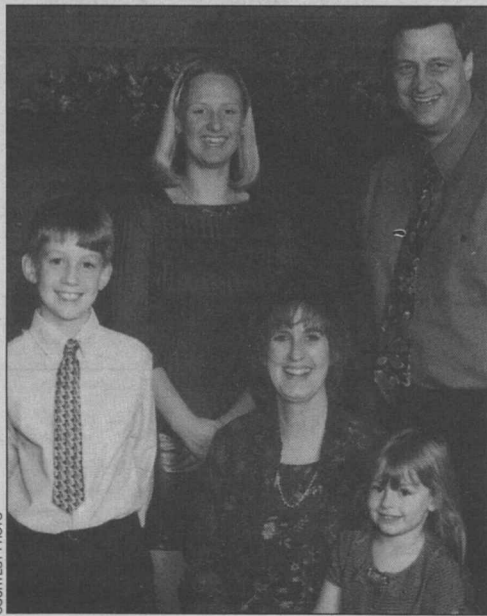
When she isn't working to integrate teaching and technology, Atnip finds most of her time occupied by her three children: Emily, 17, Brian, 11 (and named after Matt's junior high tennis friend), and Erica, 5.

"What tends to happen is that one of them is at a critical development stage all the time," she laughed. "There is always somebody in crisis."

And to get away from it all, Atnip immerses herself in blues music and traveling.

But through it all, she's appreciative of her opportunities at the University.

"I've been lucky to be able to zero in on the things that I'm really interested in, which have happily coincided with changing needs on campus," she said.



Kathy Atnip (seated) with her family: son Brian, 11; daughter Emily, 17; husband Matt; and daughter Erica, 5.

### Kathy Atnip

**University title:** Director of academic services for the Teaching Lab in Arts & Sciences

**Years at University:** 17

**Degrees:** Bachelor's in English, with honors, University of Kansas, 1983

**Hobbies:** Going to wineries, blues music, traveling

**Family:** Husband Matt; children Emily, 17, Brian, 11, Erica, 5

**Essential recordings:** B.B. King, *Ten Long Years*; Elvis Presley, *Money Honey*; Stevie Ray Vaughan, *The Sky Is Crying*