

Washington University School of Medicine

Digital Commons@Becker

Washington University Record

Washington University Publications

4-1-1999

Washington University Record, April 1, 1999

Follow this and additional works at: <https://digitalcommons.wustl.edu/record>

Recommended Citation

Washington University Record, April 1, 1999. Bernard Becker Medical Library Archives.
<https://digitalcommons.wustl.edu/record/825>.

This Article is brought to you for free and open access by the Washington University Publications at Digital Commons@Becker. It has been accepted for inclusion in Washington University Record by an authorized administrator of Digital Commons@Becker. For more information, please contact vanam@wustl.edu.

MS SAMUELA KOYFMAN
BOX NO. 8132

April 1, 1999

Volume 23 No. 26

Washington University in St. Louis



Chancellor Mark S. Wrighton (left), Charles F. Knight (center) and Dean Stuart I. Greenbaum, Ph.D., break ground March 24 for the Charles F. Knight Executive Education Center at the John M. Olin School of Business. A crowd of more than 150 attended the ceremony before joining 350 others for a program and reception in the business school's Simon Hall.

Knight Center New Executive Education Center launched with groundbreaking

Visibly moved Charles F. Knight, chairman and chief executive officer of Emerson Electric Co., took to the podium March 24 at groundbreaking ceremonies for the new Charles F. Knight Executive Education Center and gave voice to the excitement and confidence pervading the John M. Olin School of Business as it moves into the future with new capabilities for executive training programs.

Admitting that he was a "little overwhelmed" by the emotion of the occasion, Knight put aside his prepared remarks and spoke from the heart. "We have enormous momentum going," he said of the business school. He said the new center will have a major impact on faculty and programs, enhancing the school's reputation and its recruitment of students and faculty.

"This is a competitive differentiator," he told the audience of 500 business leaders, trustees, faculty, staff, students, alumni and friends. "Eight of the other really good business schools have these kinds of facilities. Of the top 25, the others don't. This is a big step and really separates us from the pack. That's what this is all about."

The five-story building on the north side of the Hilltop Campus will house educational programs for mid- through upper-level executives. Already the business school offers three executive degree programs — the executive master of business administration; the executive master of manufacturing management, offered jointly with the School of Engineering and Applied Science; and the executive MBA in health services management, developed in collaboration with the School of Medicine.

The business school's executive degree programs are ranked No. 13 by U.S. News and World Report.

The 135,000-square-foot building will provide an integrated residential learning center, including classrooms, group study rooms, dining facilities, lounges and 66 rooms for overnight lodging. Additionally, the Weston Career Resources Center, the business school's career-planning resource for undergraduates, graduates and alumni, will have space in the center, along with departmental

See Center, page 2

Showcase Eads Hall offers high-tech teaching

By Susan Killenberg

Through its 97 years on the Hilltop Campus, Eads Hall has been the site of great teaching, learning and research, including Nobel Prize-winning work. Now, since its recent renovations, a new component has been added, making the building an even stronger presence in the middle of campus for students and faculty.

On Tuesday, April 6, Eads Hall will be rededicated as a contemporary center of teaching, learning and technology. In addition to a keynote address by William G. Bowen, Ph.D., president of The Andrew W. Mellon Foundation, and a ribbon-cutting ceremony, the event will include faculty and student presentations and hands-on demonstrations throughout Eads that showcase the uses of technology in teaching and learning.

"The newly renovated Eads Hall is a wonderful addition to the Hilltop Campus — it's really a gem, and I encourage anyone who hasn't been inside yet to walk through and see the remarkable transformation," said Edward S.

Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences. "Eads provides an environment that gives physical meaning to our commitment to excellence in teaching and learning in all parts of Arts and Sciences, most especially in the foreign languages and the humanities."

"Both faculty and students have praised the building, and I'm very pleased to see that they have been making such great use of the classrooms, labs and centers in Eads since it reopened," he said.

The renovation of Eads Hall, which began March 1, 1998, was completed for the start of classes Aug. 26, 1998. In addition to 16 classrooms equipped with high-tech and conventional capabilities, the building houses the Teaching Center, the Writing Center and the Arts and Sciences Computing Center, which includes a new Language and Instructional Media Center.

Bowen's keynote address on "Teaching, Learning and Technology: Issues for Higher Education" will be at 2 p.m. April 6 in Holmes Lounge, Ridgely Hall. A renowned economist and a leader in higher

education, Bowen has been president of the Mellon Foundation since 1988, after serving 16 years as president of Princeton University.

The foundation's chief activity is to award grants on a selective basis to institutions in such areas as higher education, performing arts, and the environment. One of the foundation's new initiatives is identifying faculty who will test technological applications in the classroom that could enhance learning in cost-effective ways.

Chancellor Mark S. Wrighton will deliver brief remarks following Bowen's talk.

At 2:45 p.m., Bowen and Macias will mark the official reopening of the almost century-old building during a ribbon-cutting ceremony at the south entrance to Eads. A reception and open house featuring presentations on technology in the classroom will be held from 3 to 4:30 p.m. Those interested in attending any of the events may call 935-7304.

Earlier in the day, Wrighton will host a round-table for leaders from St. Louis-area higher education institutions to hear Bowen speak

See Eads, page 6

Freshman tabbed as editor of national research journal

By Tony Fitzpatrick

Rigorous research experiences, both at Washington University and in his hometown, have propelled a freshman in biomedical engineering to an editor's position with a national publication.

Ryan Field, of Leawood, Kan., is the engineering sciences editor of the new tri-annual on-line National Journal of Young Investigators, an initiative of the American Association for the Advancement of Science (AAAS). It is intended to provide an opportunity for outstanding undergraduate researchers in science and engineering to publish their work.

One of Field's colleagues on

the editorial staff is Floyd E. Bloom, Ph.D., editor-in-chief of the prestigious journal Science and a 1960 alumnus of Washington University School of Medicine.

Field will be a peer-reviewer of articles submitted by fellow undergraduates from around the country.

"The idea is there just aren't enough avenues for undergraduates to publish results from their research," Field said. "Dr. Bloom

See Field, page 7



Field: Develops new polymer

Kajukenbo Cerebral palsy doesn't stop these kids

By Diane Duke Williams

Pow! Bam! Ugh! Smack! It's Saturday morning in the cafeteria of United Cerebral Palsy of Greater St. Louis. A group of youngsters punch, block and dodge their "attackers," most of them Washington University student volunteers, in an intermediate martial arts class for youths with cerebral palsy.

The class participants are learning kajukenbo, a combina-

tion of karate, judo, jujutsu kenpo and Chinese boxing. They laugh and joke while they practice. Learning how to defend themselves and meeting new people are two of the main reasons they eagerly get up early to attend this class.

"This is my most favorite thing in the world," said Becky, 18. "I have a lot of fun and like that it's helping my balance and hand-and-eye coordination."

One reason for their enthusiasm is undoubtedly class

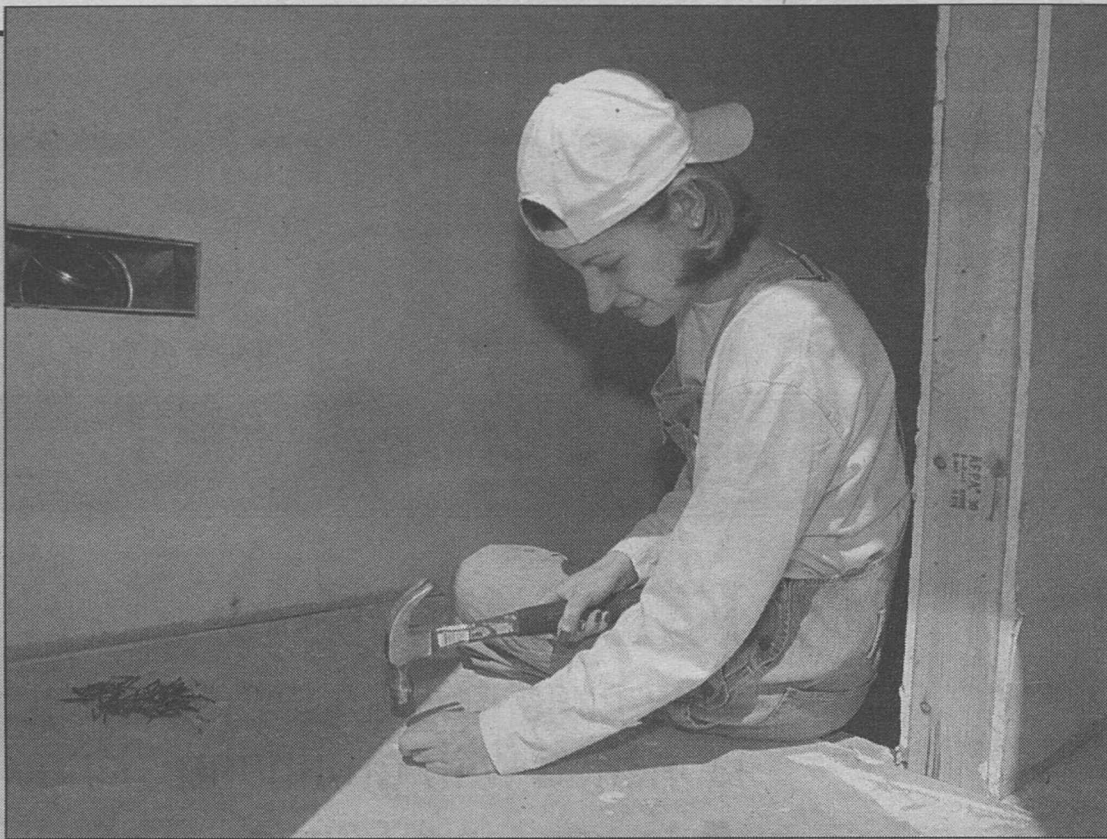
co-founder Jan Brunstrom, M.D., assistant professor of neurology at the School of Medicine. Brunstrom has cerebral palsy herself, and the young people quickly learn that she understands the obstacles they have to overcome.

Frank Marten said his 17-year-old daughter initially was afraid to try out what she was learning. Now, though, Stephanie's confidence is up to the point that she responds quickly. "And she loves

See Kajukenbo, page 6



Jan Brunstrom, M.D., practices self-defense moves with Nicholas Steward.



Hammer of justice First-year law student Diana Golfin wields a hammer during a Habitat for Humanity workday organized as part of the John M. Olin School of Business Community Service Week March 22-27. The crew worked in a home at 1427 Montclair Ave., St. Louis. The week's events also included a raffle, an "everything" drive for food, clothing, toys and household items, and a bake sale.

Center

Ground broken for new facility

— from page 1

offices for Executive Programs and External Relations.

The cost is estimated at \$44 million, and the building should be available for occupancy early in 2001. The University has received building permits and issued bid packets. Architects for the project are Kallman, McKinnell & Wood Architects of Boston, the firm that designed Simon, McDonnell and Alvin Goldfarb halls on campus.

Chancellor Mark S. Wrighton spoke of the center's importance to people — "the people who will study here and those in our community who will flourish as a consequence of the programs we develop. The Executive Education Center," he said, "will be a great asset to the John M. Olin School of Business and for Washington University. We see many ways that the John M. Olin School of Business can partner with other

parts of the University, and these new facilities will make possible a large number of new programs that will engage us as a community."

Expressing the University's deep gratitude to Knight,

Wrighton said:

"We're pleased

to be breaking

ground

literally and

figuratively on

the building

for executive

education,

and it's

especially

fitting that it

be named for

Charles

Knight, one of

America's

stellar

business leaders,

who has provided

extensive leadership

over many

years to the University

and the

Olin School."

Knight is regularly

ranked as

one of the nation's

most effective

business executives,

and Emerson's

management practices

are widely

imitated.

Knight has served the

University as trustee

and has been

"We see many ways that the John M. Olin School of Business can partner with other parts of the University, and these new facilities will make possible a large number of new programs that will engage us as a community."

MARK S. WRIGHTON

involved in major fund-raising efforts. His support for the business school is evident in the Emerson Electric Classroom, the Charles F. Knight Scholars program, the Emerson Electric Co.

Professorship

in Manufac-

turing

Management

and the

Emerson

Electric

Fellows, a

project

supporting

the interna-

tional

exchange of

best practices

in business

education.

Dean

Stuart I. Greenbaum stressed the

increasing importance of executive

education and the school's

commitment to it. "Olin is a

serious player in the executive

education market," he told the

audience, "and this new center will

give us additional potential for

growth and recognition. It signals

our commitment to lifelong

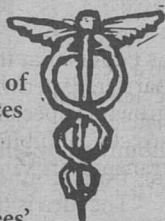
learning and continuous dialogue

with our corporate constituents."

News Briefs

Open enrollment

The annual health insurance open enrollment period this year is May 1-31. The Office of Human Resources will be sending informational packets to all eligible employees' homes a week before the beginning of the enrollment period.

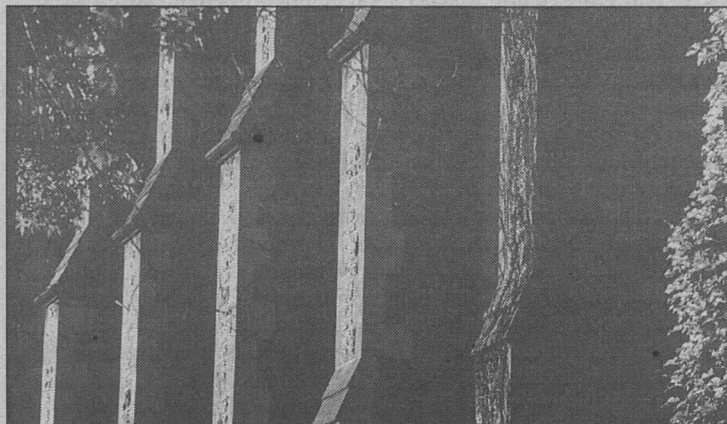


Applications up

Colleges and universities across the nation are reporting substantial increases in the number of applicants for next fall's freshman class, according to the New York Times. Reasons cited include a record number of high school graduates, increases in financial aid and, perhaps most importantly, the Internet, with its opportunities to submit applications online.

Alcohol on campus

Facts and figures about college binge drinking, taken from several studies conducted across the country, are compared and



Campus quiz: Buttressing the University's claim to campus beauty, these sturdy supports are part of which Hilltop building?

explained in a new comprehensive report, "Alcohol on Campus." Produced by CompetitivEdge, a national research and electronic information retrieval service, the report looks at national and local survey results on drinking, strategies and initiatives to combat campus drinking, and emerging trends in student alcohol use. For more information, call (860) 726-1047.

Did you know?

Philip Majerus, M.D., professor of medicine and of biochemistry and molecular biophysics at the School

of Medicine, discovered in 1975 how aspirin interferes with blood clotting, leading to the now-common practice of using low doses of aspirin to prevent heart attack and stroke.

Answer: These buttresses support the walls of the venerable Graham Chapel.

"News Briefs" includes short items on a wide range of subjects, including information about resources, benefits and opportunities available to faculty and staff. Readers are invited to submit briefs, which will be used as space permits, to Betsy Rogers, Campus Box 1070, or by e-mail, betsy_rogers@aismail.wustl.edu.

NIH study

Faculty and staff part of new effort to streamline research regulations

By CHRISTINE FARMER

Washington University faculty and staff have been actively involved in a study sponsored by the National Institutes of Health (NIH) to eliminate duplicative and unnecessary federal regulations governing extramural federal research.

The study was requested by Congress in last year's appropriation bill and focuses on assessing the burden of federal regulations and attempting to identify solutions to streamline processes.

The following five areas were identified for the initial focus of the study:

- **Animal welfare** — policies that ensure the appropriate care and use of animals in research and testing;

- **Human subjects protection** — regulations designed to protect participants in federally sponsored research;

- **Financial conflict of interest** — regulations established to ensure that the design, conduct or reporting of research funded by the Public Health Service (PHS) will not be biased by any conflicting financial interest of those investigators responsible for the research;

- **Research integrity** — regulations that require entities receiving grants or cooperative agreements from the PHS to establish uniform policies and procedures for investigating and reporting instances of alleged or apparent misconduct involving research;

- **Hazardous waste disposal** — regulations that set standards governing the management and disposal of hazardous wastes.

The study focused on these areas because the regulations specifically apply to researchers, and many are regulations over which the NIH has some control.

Vice Chancellor for Research Theodore J. Cicero, Ph.D., organized a two-day campus visit for an NIH-appointed study manager to interview about 30 faculty and administrators from

the Hilltop and Medical campuses. They shared first-hand perspectives about how regulations in each of the five study areas are implemented at the University and how these regulations could be streamlined to be more efficient and effective.

"Washington University was asked to be a key participant because of our reputation for 'best practices' in implementing some of the regulations that were part of the study," Cicero said. "The purpose of the study was to assess the effects of the regulatory requirements on the conduct of research and determine whether they had their intended impact, such as protection of animal or human subjects. Of most importance, the committees were charged with assessing whether the ever-increasing burden resulted in any incremental benefits to research objectives and personnel."

Also during the first phase of the project, work groups drawn from university research institutions across the country were formed for each of the five areas. The groups sought to identify streamlining measures for each of the regulations that could be practically implemented while maintaining the same level of intended protections. They also were asked to help shape implementation strategies.

Cicero served on the project planning committee with nine representatives from other universities, scientific societies and institutes. He also was the lead member of the work group on animal care and use. Philip Ludbrook, M.B., professor of medicine and of radiology, served on the human subjects protection work group, and Bruce Backus, director of environmental health and safety, served on the hazardous waste disposal work group.

The issues and potential solutions have been identified in a report that can be viewed at www.nih.gov/grants/news.htm. NIH is requesting that members of the academic community submit comments by April 8 to regburd@od.nih.gov.

Psychologist Steven Pinker to speak

Steven Pinker, professor of psychology at the Massachusetts Institute of Technology, will deliver the Omicron Delta Kappa Lecture, titled "How the Mind Works," at 11 a.m. April 9 as part of the Assembly Series. The lecture, which is free and open to the public, will take place in Graham Chapel.

Pinker, one of the most prominent cognitive scientists today, is director of the Center for Cognitive Neuroscience at MIT. He is the author of two best sellers, "The Language Instinct" and, recently, "How the Mind Works." In the latter, he examines how people make decisions, why

people take rests and what distinguishes a genius. Pinker was named among Newsweek's "100 Americans for the Next Century" and is included in Esquire's "Register of Outstanding Men and Women."



Pinker: Prominent cognitive scientist

For more information, visit the Assembly Series web page (<http://wupa.wustl.edu/assembly>) or call 935-5285.

Record

Washington University community news

News & Comments

(314) 935-6603

Campus Box 1070

betsy_rogers@aismail.wustl.edu

Medical News

(314) 286-0111

Campus Box 8508

duke@medicine.wustl.edu

Editor Betsy Rogers

Associate Vice Chancellor Judith Jasper

Executive Editor Susan Killenberg

Medical News Editor Diane Duke Williams

Assistant Editors

David Moessner • Christine Farmer

Production Galen Harrison



Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Record (USPS 600-430; ISSN 1043-0520), Volume 23, Number 26/April 1, 1999.

Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, Mo. 63130. Periodicals postage paid at St. Louis, Mo.

Where to send address changes, corrections:

Postmaster and non-employees Record, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, Mo. 63130

Hilltop Campus employees Office of Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, Mo. 63130.

Medical Campus employees Payroll Office, Washington University, Campus Box 8017, 660 S. Euclid Ave., St. Louis, Mo. 63110.

Medical School Update

New surgical bypass technique offers longer-lasting bypasses

BY NANCY MAYS

A study shows a new surgical technique used for coronary bypasses is safe, effective and, according to the study's authors, an improvement on surgical methods currently used for such operations.

The study, which has been accepted for publication in *Annals of Thoracic Surgery*, recently was presented at the annual meeting of the Southern Thoracic Surgical Association.

The researchers examined 650 patients who had undergone coronary bypass operations using the new surgical technique. They tracked operative survival, wound infection and incidences of conditions such as stroke.

"The study showed the

operation is safe and can be a better alternative to current techniques used for bypasses," said senior author Hendrick B. Barner, M.D., who developed the technique. Barner, professor of cardiothoracic surgery, co-authored the paper with Thoralf M. Sundt III, M.D., assistant professor of cardiothoracic surgery.

In fact, the mortality rate for patients in the study was 0.2 percent, which means that one person out of the 650 died within 30 days of the operation.

"That's an incredibly low rate," Barner said. "For low-risk patients, the rate for the standard procedures probably ranges from about 1 percent to 3 percent."

Known as a T-graft configuration, Barner's technique uses arteries from both the arm and chest to form a T-shaped conduit around the diseased portions of the heart. The study found the technique offers patients hope for longer-lasting bypasses with reduced chances for postoperative infections. The study's authors said the technique, while complicated to master, offers surgeons a longer, wider conduit to work with as they revascularize the heart, compared with using both internal thoracic arteries.

Coronary bypass is a common surgery, performed every year on some 400,000 patients whose arteries are blocked or hardened by disease and therefore are unable to deliver blood adequately to the heart. The surgery creates an alternate route of blood supply for the heart by making a connection between the aorta and the blocked coronary artery, bypassing the obstruction.

The first bypasses, conducted in the 1960s, used a vein, usually taken from the leg, as the conduit. The technique, still popular,

works well but for a limited time. The vein, Barner said, doesn't like being part of the arterial system; it's like mixing apples and oranges. What's more, veins used in bypass operations harden — about half close within 10 years — leaving patients back where they started. Within 15 years of a bypass operation, some 75 percent of all veins have developed atherosclerotic plaque.

"Some people end up needing another bypass 10 years after the first one," Barner said.

During the past 20 years, surgeons gradually have been substituting veins with chest arteries, known as internal thoracic arteries, because arteries outpace veins, remaining disease free at least twice as long. Barner pioneered the use of arteries for bypass surgery.

The Washington University study examined the effectiveness of using one artery from the chest, the left internal thoracic artery, and one from the forearm, the radial artery. The primary benefit, Barner said, is that the radial artery is longer than the right internal thoracic artery, offering surgeons more flexibility when fashioning the alternate conduit. Using the radial artery also lowers the risk of chest wound problems, the study found. When surgeons use both internal thoracic mammary arteries, they run the risk of sternal infections because that artery provides blood to the breastbone or sternum. Infection of the sternum was experienced by only four patients or 0.6 percent of the study group.

Uses fewer arteries

What's unique about Barner's technique, though, is the configuration, which uses fewer arteries without reducing blood flow. The body hosts seven potential arterial conduits, two in the chest, two in the arm, one in the abdomen and two in the lower abdominal wall, though the latter might be quite short and are of limited usefulness. The T-graft technique differs from other techniques in that only two conduits are used instead of three, four or five.

"If you use four arterial conduits in one operation, there are only three left," Barner said. "That could be a problem if you needed another operation at a future date."

The surgical technique is controversial, Barner said, because some surgeons have been concerned that the T-graft may not provide enough blood flow to the heart muscle. Not so, said Barner. Only 2 percent, or 14 patients, experienced temporary low output syndrome, meaning that the heart still functioned below expected levels despite the surgery. Compared with 2 percent to 5 percent incidence of low cardiac output after coronary grafting, Barner said, "that number was gratifyingly low."



Reporting good news William Catalona, M.D., left, professor of urologic surgery, and Jeff Wehling, a spokesman for the Joe Torre family, field questions from reporters at a March 18 news conference after the New York Yankees manager successfully underwent surgery for prostate cancer at Barnes-Jewish Hospital. Catalona, who performed Torre's surgery, has gained international recognition for his pioneering work in prostate cancer diagnosis and treatment.

Back-door barrier

Researchers uncover clues about gateway to the brain

BY BARBRA RODRIGUEZ

Scientists have uncovered evidence about the workings of one of the gateways into the brain. Their findings suggest approaches to control the gateway with drugs, which could have implications for treating AIDS, depression, cancer and other diseases that affect the brain.

Doctors have struggled to get many drugs across a main gateway to the brain known as the blood-brain barrier. But now, researchers have determined that a guardian protein called p-glycoprotein (Pgp) at this barrier collaborates with a similar protein to limit traffic through a second barrier to the brain. This structure, which lines cavities deep within the brain, is known as the choroid plexus.

"The choroid plexus may be a major surface of exchange for drugs (traveling) from the blood into the cerebrospinal fluid through this back-door barrier," said David Piwnica-Worms, M.D., Ph.D., professor of radiology and associate professor of molecular biology and pharmacology. He is the principal investigator of a study published in the March 30 issue of the *Proceedings of the National Academy of Sciences*. Vallabhaneni V. Rao, Ph.D., a former instructor of radiology, was lead author of the study, which also involved collaborators at Yale University School of Medicine.

Piwnica-Worms hopes to learn how to alter the properties of proteins that keep this back door shut. "It might be possible to enhance delivery of many

drugs by blocking the transporter proteins at the choroid plexus in a selective and careful way," he said. These efforts might allow entry into the brain of the protease inhibitors that kill cells infected with HIV, for example. Some doctors think the brain serves as a safe haven for the virus, thwarting efforts to eradicate it.

The choroid plexus drew Piwnica-Worms' interest after images originally designed to highlight cancerous cells also revealed the tissue to be a potential location for the Pgp, a known transporter of many molecules across cell surfaces. He was studying Pgp as a marker for cells that are less amenable to chemotherapy treatment. The transporter acts on certain cancer cells as the molecular equivalent of a bouncer at a bar, spitting chemotherapeutic drugs out of the cells before they can cause the intended damage.

A radioactive imaging compound called technetium-99m-SESTAMIBI can reveal whether cancer cells lack Pgp and therefore are more likely to respond to chemotherapy. Cancer cells without the bouncer on their surface will take the compound inside, where its decay produces photons of gamma rays detectable on images produced by a special scanner.

Unexpectedly, Piwnica-Worms found that patients injected with the technetium compound sequester it within the choroid plexus, whose main function is to selectively pull substances out of nearby blood vessels to produce the cere-

brospinal fluid that bathes nerve cells.

Piwnica-Worms knew that Pgp at the blood-brain barrier would keep the imaging agent out of the brain. So he determined whether Pgp also was the protein that prevented the agent from crossing this second gateway. "The fact that you see the compound in the choroid plexus — but not in the cerebrospinal fluid — told us there must be a barrier there holding the compound back (from reaching the brain)," he said.

He looked at the epithelial cell layer thought to serve as this barrier in the choroid plexus, which also is called the blood-cerebrospinal barrier, to determine whether Pgp or a related transporter was there. Both Pgp and the multidrug-resistance associated protein (MRP) are known to transport the technetium compound across cell membranes, so either could have prevented movement into the cerebrospinal fluid.

Using antibody imaging techniques, Piwnica-Worms determined that Pgp was present on the epithelial cells. However, the transporter sat on the surface that faced the cerebrospinal fluid. In contrast, MRP was on the cell surface closest to the bloodstream, where it appeared poised to pump compounds away from the brain, as Pgp does at the blood-brain barrier. Experiments using cells grown in special test tubes and selective inhibitors of the two transporters verified that Pgp and MRP could play the roles suggested by their positions on the epithelial cells. In addition, Pgp thwarted the ability of a common cancer drug called Taxol to enter

See *Brain*, page 7

Compliance program guides physicians through billing regulations

If you've received a medical bill lately, you might wonder where those codes come from and what they mean. But ask Jane F. Ditch about coding, and her eyes light up. The Compliance Office, which Ditch directs, guides the medical school's physicians through the morass of regulations that govern billing. "This is a challenging job," she says, "because even interpretations need interpretation."

The University established the Program on Compliance in

1996 to educate clinical faculty about regulations for teaching physicians. The previous December, the federal government had fined the University of Pennsylvania \$30 million for inaccurate billing to Medicare, and it had begun the Physicians at Teaching Hospitals (PATH) audit of all teaching hospitals in the United States.

At West Campus, Ditch and four other analysts sift through ever-changing sets of regulations, translating legalese into

practical advice for faculty. When the Health Care Financing Administration recently issued its new Evaluation and Management Guidelines, for example, the compliance staff ran to their phones, quizzing the agency on interpretations.

The staff also audit bills that flow from departments, reviewing patients' records and verifying coding. They also must confirm that a physician's personal involvement matches the charge being made for service.

If the documentation fails to meet Medicare guidelines — the gold standard for rules and regulations — Ditch writes a report to the physician. Harlan R. Muntz, M.D., associate professor of otolaryngology, gets involved in major billing issues in his role as compliance officer at the School of Medicine. There can be follow-up audits, and billing privileges could be temporarily affected until all federal guidelines are met.

"But we don't think of ourselves as the compliance police," Ditch is quick to point out. "We use audits as a tool for supporting and instructing physicians. Audits also help departments by detecting underbilling as well as overbilling."

Once a year, Ditch and her staff conduct town hall meetings to update physicians on regulatory changes. Those who don't have time to attend can use the training module on the compliance program's web site at <http://medicine.wustl.edu/compliance>.

University Events

1999 PRINTMARKET to offer fine artwork April 9-11

By LIAM OTTEN

Experienced and first-time art collectors alike will find an array of fine prints and other works on paper at the 16th annual St. Louis PRINTMARKET, held April 9-11 at the Gallery of Art.

Founded in 1983, the St. Louis PRINTMARKET is one of the most prestigious events of its type in the Midwest, featuring more than 20 top print dealers from around the country displaying some of the finest quality artwork available. Offerings include old master prints, photographs, antique maps, Australian Aboriginal prints, Americana, Japanese woodblock prints, historical posters and contemporary works from internationally known artists.

Proceeds from PRINTMARKET support the Gallery of Art. Past proceeds have helped underwrite nationally recognized exhibitions as well as the acquisition of new artworks.

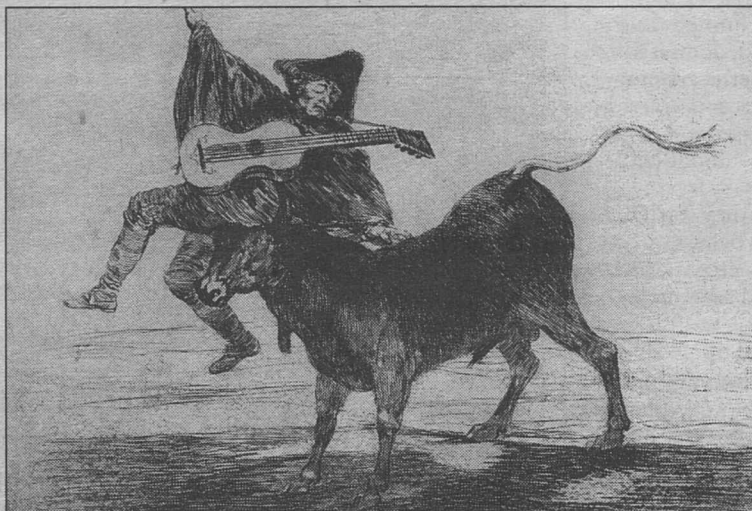
Regular hours are from 10 a.m. to 5 p.m. April 10 and 11. General admission is \$5 and \$2 for students. A special preview party

will be held from 6 to 9 p.m. April 9. Tickets are \$50 per person and \$35 for those 34 and younger.

PRINTMARKET provides art lovers with an opportunity to select from some of the very best fine art prints available anywhere, noted founder and chair Cecile Lowenhaupt.

"We work hard to offer a good mix of prints and other works on paper that will appeal to everyone," Lowenhaupt said. "There is something for every taste and pocketbook. PRINTMARKET also offers a relaxed setting in which people can talk with dealers and learn about collecting."

The 1999 St. Louis PRINTMARKET will feature old favorites



Francisco Goya's "Blind Man Tossed by a Bull" (c. 1804) — courtesy of Pace Prints, New York — is one of many prints at the 16th annual St. Louis PRINTMARKET April 9-11 at the Gallery of Art.

as well as some substantial new additions, including Pace Prints of New York, who will display a selection of old master, modern and contemporary prints and works on paper.

For antique lovers, PRINTMARKET offers a wealth of historic prints, maps and architec-

tural drawings from Gallery 539 (New Orleans), Charles Edwin Puckett (Dallas) and Judith Haudrich Antique Prints (St. Louis). In addition, Art Farago Associates (New York), Erich Kellenberger (Switzerland) and John Campbell (Nashville) offer a wide selection of antique posters.

Those interested in 20th-century art will find a wide array of collectible-quality work by both modern and contemporary masters. Additionally, Washington University's Sea Island Press will present work by faculty and students from the University's School of Art.

Märk S. Weil, Ph.D., the E. Desmond Lee Professor for

1999 PRINTMARKET

Where Gallery of Art

When 10 a.m.-5 p.m. April 10, 11

Admission \$5; \$2 for students

Collaboration in the Arts and chair of the Department of Art History and Archaeology in Arts and Sciences, said the gallery is delighted to be the host and beneficiary of PRINTMARKET for a ninth year.

"PRINTMARKET has done some wonderful things for us over the years and we are proud to be associated with it," said Weil, who is also the gallery's director. "The exceptional quality and variety of the work presented make PRINTMARKET one of the finest print shows in the Midwest, if not the nation. This is a truly special and unique event for anyone interested in the visual arts."

The PRINTMARKET Café will provide sandwiches, pastries and beverages throughout the weekend.

For more information, call 361-3737.

Wilderness • The Color of Class • War and Money • Easter • Seders

"University Events" lists a portion of the activities taking place at Washington University through April 10. For a full listing of medical rounds and conferences, see the School of Medicine's website at medschool.wustl.edu/events/. For an expanded Hilltop Campus calendar, go to www.wustl.edu/thisweek/thisweek.html.

1136 Washington Ave., St. Louis.
(Reception, April 2, 7 p.m.). 935-6500.

Films

Thursday, April 1

6 p.m. Japanese Film Series. "Ran" (English subtitles). Room 219 Ridgley Hall. 935-5177.

Friday, April 2

6 and 9 p.m. Filmboard Feature Series. "The Godfather I." (Also April 3, same times, and April 4, 6 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

6 p.m. Chinese Film Series. "Hardboiled." Room 219 Ridgley Hall. 935-5177.

Midnight. Filmboard Midnight Series. "Goodfellas." (Also April 3, same time, and April 4, 9 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Friday, April 9

7 and 9:30 p.m. Filmboard Feature Series. "Indiana Jones and The Last Crusade." (Also April 10, same times, and April 11, 7 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Midnight. Filmboard Midnight Series. "Raiders of the Lost Ark." (Also April 10, same time, and April 11, 9:30 p.m.) Cost: \$3 first visit; \$2 subsequent visits. Room 100 Brown Hall. 935-5983.

Lectures

Thursday, April 1

Noon. Genetics seminar. "Mass Spectrometry Methods in Proteomics: A Tutorial." Michael L. Gross, prof. of chemistry. Room 823 Genetics Library, McDonnell Medical Sciences Bldg. 362-7072.

4 p.m. Assembly Series lecture. "Divine Pity from Paganism to Christianity." David Konstan, John Rowe Workman Distinguished Professor of Classics and the Humanistic Tradition, Brown U. Graham Chapel. 935-5285.

4 p.m. Cancer Center Seminar Series. "Dx and Rx of Cancer With Targeted Radiopharmaceuticals: Translation From Bench to Outpatient Procedures." Richard Wahl, prof. of internal medicine and radiology, U. of Mich. Third Floor Aud., St. Louis Children's Hosp. 747-0359.

4 p.m. Earth and planetary sciences colloquium. "Geoeology, Ethics and Wilderness: How are They Connected and What is Their Meaning in Education?" Paul Pinet, prof. of geology, Colgate U., Hamilton, N.Y. Room 112 Wilson Hall. 935-5603.

4:15 p.m. Philosophy lecture. "The Myth of Egoism." Christine Korsgaard, prof. of philosophy, Harvard U. Room 100 Busch Hall. 935-6670.

6:30 p.m. School of Architecture's Monday Night Lecture Series. Forum for Contemporary Art lecture. Architect Carlos Ferrater lectures on his recent work. Steinberg Hall Aud. 935-6200.

Friday, April 2

9:15 a.m. Pediatric Grand Rounds. The Third Annual Chief Residents' Invited Lecture. "Historical and Anthropological Perspectives on Sexually Transmitted Diseases." Bradley Stoner, asst. prof. of anthropology and of medicine. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar. "Proteinases: Fine Line Between Host Defense and Tissue Destruction."

Steven D. Shapiro, assoc. prof. of medicine. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

4 p.m. Music lecture. "A Critical Look at Carmen as Other." Gina Pellegrino, doctoral musicology student. Room 102 Music Classroom Bldg. 935-4841.

4:30 p.m. School of Art sculpture slide lecture. Paul Sebben, sculptor, Kansas City Art Institute. Steinberg Hall Aud. 935-8405 or 935-7497.

Monday, April 5

10 a.m. Center for Mental Health Services Research seminar. "Services to Older Adults." Nancy L. Morrow-Howell, assoc. prof. of social work. Room G38 Goldfarb Hall. 935-5687.

Noon-1 p.m. Work, Families and Public Policy Brown Bag Seminar Series. "The Consequences of Inequality for Children's Education." Susan Mayer, U. of Chicago. Room 300 Eliot Hall. 935-4918.

4 p.m. Biology seminar. "Global Characterization and Classification of Transport Protein in the Genomic Era." Milton H. Saier Jr., prof. of biology, U. of Calif., San Diego. Room 322 Rebstock Hall. 935-6860.

4 p.m. Performing arts lecture. "American Women Playwrights." Yvonne Shafer, asst. prof. of speech, St. John's U., Staten Island, N.Y. Lambert Lounge. 935-4056.

4:30 p.m. School of Art sculpture slide lecture. Kate Hunt, sculptor, College of Visual Arts, St. Paul, Minn. Steinberg Hall Aud. 935-8405 or 935-7497.

Tuesday, April 6

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Pathogenicity Islands and the Evolution of Salmonella Virulence." Eduardo Groisman, assoc. prof. of molecular microbiology. Cori Aud. 4565 McKinley Ave. 362-8873.

12:10-12:55 p.m. Physical therapy research seminar. "Relationships Among Impairments Following Stroke." Patty Kohne Scheets, supervisor, physical therapy practice and acute care services, Barnes-Jewish Rehabilitation Services. Lower level, Classroom C, 4444 Forest Park Blvd. 286-1400.

4 p.m. Earth and planetary sciences colloquium. "Oxygen Isotope Systematics of Microbial Phosphate Metabolism: Implications for Biogeochemical Cycling of P and Apatite Diagenesis." Ruth E. Blake, postdoctoral fellow, Yale U. Room 112 Wilson Hall. 935-5603.

4:30 p.m. School of Art sculpture slide lecture. Arny P. Nadler, sculptor. Steinberg Hall Aud. 935-8405 or 935-7497.

Wednesday, April 7

6:30 a.m. Anesthesiology Grand Rounds. "Diffusion Tensor Imaging in Newborns." Jeff Neill, asst. prof. of pediatrics and neurology. Wohl Hosp. Bldg. Aud. 362-6978.

11 a.m. Assembly Series lecture. Martin Luther King Jr. Symposium. Sister Souljah, rapper and activist. Graham Chapel. 935-5285. See story on page 5.

4 p.m. Biochemistry and molecular biophysics seminar. "Application of Time-

Resolved Fluorescence Spectroscopy to Studies of DNA-Protein Interactions and RNA Folding." David Miller, assoc. prof. of molecular biology, Scripps Research Institution, La Jolla, Calif. Cori Aud., 4565 McKinley Ave. (refreshments 3:45 p.m.). 362-0261.

4 p.m. Religious studies program lecture. Edward G. Weltin Lecture. "Medicine and Compassion in Early Christianity." Gary Ferngren, prof. of history, Oregon State U. Living room, Alumni House. 935-5123.

Thursday, April 8

Noon. Genetics seminar. "A Winged Helix Transcription Factor Required for Non-Random Determination of Left-Right Asymmetry and Ciliogenesis." Brian P. Hackett, assoc. prof. of pediatrics. Room 823 Genetics Library, McDonnell Medical Sciences Bldg. 362-7072.

4 p.m. African and Afro-American studies lecture. "The Color of Class: Classifying Race in the Literary and Popular Imagination." Ann duGille, prof. of literature, U. of Calif., San Diego. Hurst Lounge (reception following lecture). 935-5690.

4 p.m. Earth and planetary sciences colloquium. "Derivation of Elemental Composition from Reflectance Spectroscopy of Planetary Surfaces." Paul Lucey, prof., Hawaii Institute of Geophysics and Planetology, U. of Hawaii. Room 112 Wilson Hall. 935-5603.

4:30 p.m. Mathematics colloquium. "Boundary Value Results for Weighted Sobolev Functions." Enrique Villamor, prof., Florida International U. Room 199 Cupples I Hall (tea 4 p.m., Room 200 Cupples I Hall). 935-6760.

4:30 p.m. School of Art drawing slide lecture. Christine Gonzalez, painter, Roswell, N.M. Steinberg Hall Aud. 935-8403 or 935-7497.

6:30 p.m. School of Architecture's Monday Night Lecture Series. Forum for Contemporary Art lecture. Architect alumni Philip Durham and Elva Rubio lecture on their recent work. Steinberg Hall Aud. 935-6200.

Friday, April 9

9:15 a.m. Pediatric Grand Rounds. "Developing New Drugs for Malaria." Daniel E. Goldberg, prof. of medicine. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Assembly Series. Omicron Delta Kappa Lecture. "How the Mind Works." Steven Pinker, prof. of psychology and dir., Center for Cognitive Neuroscience, Massachusetts Institute of Technology. Graham Chapel. 935-5285. See story on page 2.

Noon. Cell biology and physiology seminar. "Lipid/Protein Complexes in Viral Fusion, Exocytosis and Apoptosis." Joshua Zimmerberg, NASA/NIH Center for 3-D Tissue Culture. Room 426 McDonnell Medical Sciences Bldg. 747-2433.

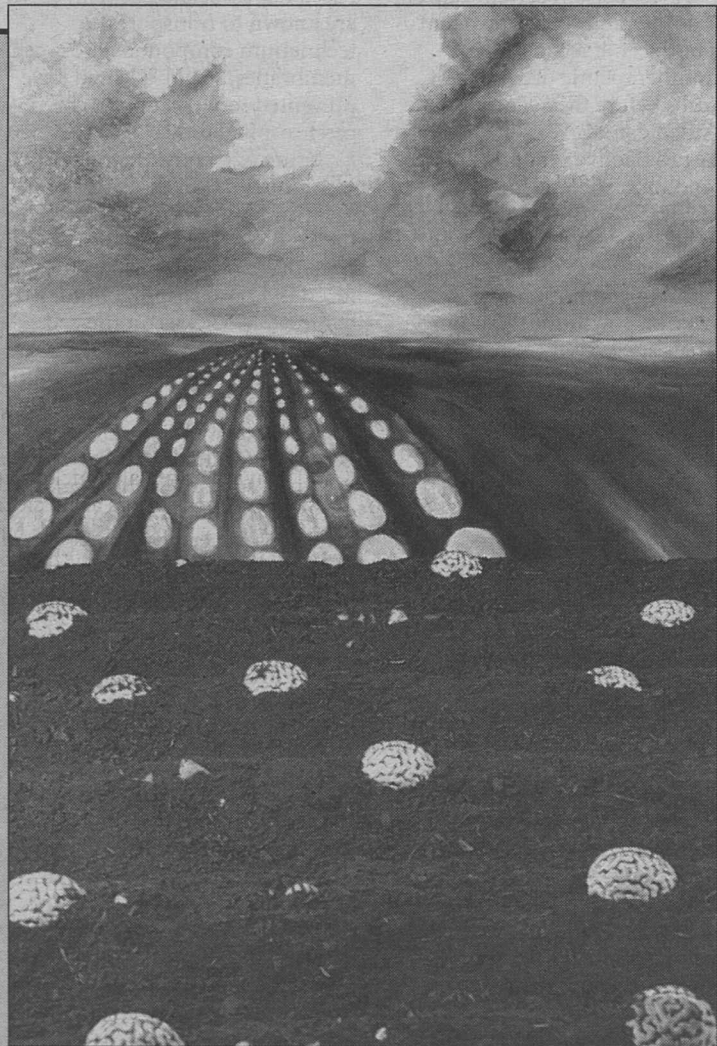
4 p.m. East Asian studies lecture. The Sixth Annual Stanley Spector Memorial Lecture on East Asian History and Civilization. "Past Obsessions: War and Money in the 20th Century." Carol Gluck, George Sansom Professor of History, Columbia U.

Exhibitions

"African-American Artists and Writers in Europe (1919-1939)." Through mid-April. Special Collections Exhibit, fifth floor Olin Library. 935-5495.

"Paris: Portraits of the City." Through April 4. Eads Hall. 863-4028.

"19 Artists, 1999." April 2-24. Master of Fine Arts students exhibit their work. Ninth floor gallery, A.D. Brown Bldg.,



Graduate art Karen Woodward's painting/sculpture "The Cloning Project" will be featured in "19 Artists, 1999," an exhibition of work by first-year candidates in the School of Art's graduate program. The exhibition opens at 7 p.m. Friday, April 2, and runs through April 25 at the A.D. Brown Building, at the intersection of Washington Avenue and Tucker Boulevard, St. Louis. For more information, call 935-6500.

Acclaimed legal scholar giving April 8 lecture

Award-winning author and renowned legal scholar Guido Calabresi, a judge for the U.S. Court of Appeals for the Second Circuit, will deliver the School of Law's 1999 Tyrrell Williams Lecture on "Liberty, Equality, Fraternity" Thursday, April 8.

The lecture, part of the law school's Public Interest Law Speakers Series on "Access to Justice: The Social Responsibility of Lawyers," will be held at 4 p.m. in the Bryan Cave Moot Courtroom, Anheuser-Busch Hall. The lecture is named in honor of Williams, who was a law school alumnus and a member of the law faculty from 1913-1946.

Calabresi, the Sterling Professor Emeritus of Law and Professorial Lecturer in Law at Yale University, was appointed a federal appellate judge in 1994. Prior to his appointment, Calabresi served as dean of the Yale University School of Law, where he received a law degree in 1958 and began his teaching career in 1959.

Calabresi immigrated to the United States from Milan, Italy, with his parents in 1939. He earned bachelor's degrees from Yale College and Magdalen College, Oxford University, and a master's degree in politics, philosophy and economics from Oxford. After graduating first in his class at Yale Law School, Calabresi clerked for U.S. Supreme Court Justice Hugo Black.

He is the author of four influential and award-winning books, including "The Costs of Accidents: A Legal and Economic Analysis," "A Common Law for the Age of Statutes," and "Ideals, Beliefs, Attitudes and the Law: Private Law Perspectives on a Public Law Problem."

The recipient of numerous honors, Calabresi was named Commendatore (Honorary Knight Commander) by the Republic of Italy in 1994 and was awarded the 1998 Fellows of the American Bar Foundation Award for Outstanding Research in Law and Government.



Clean living Freshmen Seema Sheth (left) and April Mickens lend a hand in cleaning up a North St. Louis riverfront trail bordering the Mississippi River as part of Campus Y Week. The two volunteers were part of a 20-person contingent from Campus Y and the Into the Streets student group that spent nearly three hours collecting more than 20 bags full of scattered garbage. This "Service Day" activity kicked off Campus Y Week, which extends through Friday, April 2.

Room 162 McDonnell Hall (Hilltop Campus), 935-4448.

6 p.m. and 8:30 p.m. Travel Lecture Series. "South Africa." Joan Wilson, wildlife documentary filmmaker. Cost: \$4.50. Graham Chapel. 935-5212.

Music

Saturday, April 10

4 p.m. Graduate recital. Music of Beach, Donizetti, Ravel and Fanny Mendelssohn. Elaine Eckert, soprano, and Gail Hintz, piano. Graham Chapel. 935-4841.

8 p.m. Graduate recital. Music of Haydn, Brahms, Liszt, Debussy and Granados. Vivian Gaston, piano. Graham Chapel. 935-4841.

Worship

Thursday, April 1

5:30 p.m. Passover Observances. Through April 7. Five first-night seders on campus at St. Louis Hillel, seders-to-go, home hospitality with local families and lunches. For information and to register, call 726-6177.

7 p.m. Catholic Student Center Holy Thursday Mass. Catholic Student Center, 6352 Forsyth Blvd. 725-3358.



Friday, April 2

7 p.m. Catholic Student Center Good Friday service. Catholic Student Center, 6352 Forsyth Blvd. 725-3358.

Saturday, April 3

7 p.m. Catholic Student Center Easter Vigil. Mass. Graham Chapel. 725-3358.

Sunday, April 4

11 a.m. Catholic Student Center Easter Sunday Mass. Graham Chapel. 725-3358.

Sports

Thursday, April 1

1:30 p.m. Men's baseball team vs. St. Mary's U. (Minn.). Kelly Field. 935-5220.

Friday, April 9

1 p.m. Men's baseball team vs. St. Norbert College. Kelly Field. 935-5220.

3:30 p.m. Women's tennis team vs. Graceland College. Tao Tennis Center. 935-5220.

Saturday, April 10

11 a.m. Men's and women's outdoor track and field. WU Invitational. Kelly Field. 935-5220.

1 p.m. Men's baseball team vs. St. Norbert College. Kelly Field. 935-5220.



...And more

Tuesday, April 6

8 p.m. International Writers Center Reading Series. Poet Sarah Lindsay will read from her work. Cost: \$5; free for students and seniors. Lower level West Campus Conference Center, 7425 Forsyth Blvd. 935-5576.

Wednesday, April 7

Noon-1:30 p.m. Grant writing workshop. "Information on How to Write a Grant and Where to Apply for a Grant." Room 928 McDonnell Medical Sciences Bldg. 362-8871.

4 p.m. Career Center workshop. "Resumé Writing and Cover Letters." Nancy Sutherland, asst. dir. for experiential learning. Room 152 Umrath Hall Lounge. 935-5930.

Friday, April 9

6 p.m. Gallery of Art 1999 St. Louis PRINTMARKET preview party. Cost: \$50; \$35 for those 34 and younger. Gallery of Art. 361-3737. See story on page 4.

Saturday, April 10

10 a.m.-5 p.m. Gallery of Art 1999 St. Louis PRINTMARKET. Sale of fine prints and other works on paper. (Also April 11, same time.) Cost: \$5; \$2 for students. Gallery of Art. 361-3737. See story on page 4.

7 p.m. Trivia Night. Catholic Student Center, 6352 Forsyth Blvd. For tickets and information, call 725-3358.

Rapper Sister Souljah keynoting MLK symposium here April 7

Sister Souljah, rapper and community activist, will deliver the keynote address for the annual Martin Luther King Jr. Symposium at 11 a.m. Wednesday, April 7, in Graham Chapel. The lecture, part of the Assembly Series, is free and open to the public.

Souljah's musical accomplishments include her debut album "360 Degrees of Power." She is currently working on a new album with producers Sean "Puffy" Combs and Kenny Gamble. Souljah is the author of the nonfiction book "No Disrespect" and, recently, the novel "The Coldest Winter Ever." Souljah has been a political commentator on New York City radio station KISS-FM and made her acting debut in the sitcom "A Different World."

As an activist, she has organized a number of service programs. She financed and developed the African Youth Survival Camp for children of homeless families, a six-week summer camp in Enfield, N.C. She



Assembly Series

Who Rapper and activist Sister Souljah

Where Graham Chapel

When 11 a.m. Wednesday, April 7

Admission Free and open to the public

is currently executive director of Daddy's House Social Programs Inc., a not-for-profit corporation for urban youth that educates and prepares young people to take control of their academic, cultural and financial lives. She has been a motivating force behind a number of hip-hop artists' efforts to give back to the community, organizing major youth events, programs and summer camps with artists such as Lauryn Hill, Doug E Fresh, and Combs. She also worked as a volunteer at a medical center in Mtepa Tapa, a village in Zimbabwe.

Souljah is a graduate of Rutgers University, where she earned a degree in American history and African studies.

For more information, visit the Assembly Series web page (<http://wupa/wustl.edu/assembly>) or call 935-5285.

Sports Section

Baseball squad wins two at home

With four of its six scheduled games rained out last week, the baseball team finished the month of March with a 17-6 overall record. Junior Mark Bruggeman drove in four runs in the opener and classmate Steve Steinbruegge homered and drove in a pair in the nightcap Saturday, March 27, as the Bears improved their record with a sweep of Benedictine University (11-1 in five innings) and the Milwaukee School of Engineering (6-2) at Kelly Field. Senior Scott Martinka allowed only four hits and a leadoff home run in the first game, while junior Quent Stenzel scattered eight hits in the second game as both pitchers improved to 3-1 on the season. The wins stretched the Bears' winning

streak to six games—one shy of their season high. The team hosts St. Mary's University (Minn.) Thursday, April 1, at Kelly Field.

Men's tennis picks up two victories

The men's tennis team (12-1), winner of nine consecutive matches, picked up two more victories last week at the expense of the University of Wisconsin-Eau Claire (7-0) and Millikin University (7-0). Junior Arun Nanjappa improved his record to 5-1 at number-one singles (5-2 on the season) since taking over the top spot in the singles lineup March 14 vs. Nebraska Wesleyan University. Freshman Mike Feldman is the team's lone undefeated regular at 11-0, including 5-0 in his new spot at No. 3 singles (he was 6-0 at No. 4 before moving up).

Women's tennis has 10-2 record

The women's tennis team improved to 10-2 on the season after posting a 2-1 record and a second-place finish last weekend at the Washington University Invitational. The Bears got things rolling with a 7-2 win over DePauw University on Friday, March 26, and, after dropping a close 5-4 decision to Wisconsin-Eau Claire Saturday morning, the Red and Green bounced back with an 8-1 win over Principia College Saturday afternoon. Freshman Robin Behrstock led the way with a 5-1 record. She posted a win at No. 5 singles against DePauw and a win at No. 4 singles against Principia. She also teamed with three different partners (Laura Marx, Katie Abrams and Shilpa Reddy) to go 3-0 in doubles play. Fellow freshman Kat Copiozo went 3-0 in singles

action, picking up two wins at No. 4 and one at No. 3. Sophomore Keli Leaf also went 3-0 in singles play, adding a win at No. 5 to go with two at No. 6. Priya Vajani and Nandini Chaturvedula were 2-1 in doubles play, while Laura Marx picked up two victories in doubles action.

Runners strong at Early Bird Meet

The men's and women's track and field teams opened the 1999 outdoor season in strong fashion last weekend at the Washington University Early Bird Meet. Led by junior Richard Greene's two wins, the men rolled to the team title with 157 points, outdistancing second-place Lindenwood University by 45 points. Greene ran the 110-meter hurdles in 15.48 seconds to take the win and followed that with a victory in the 400-meter hurdles (55.88).

David Krantz also picked up a win for the Bears as he cleared 14 feet in the pole vault. Tim Julien was second in the 1,500 meters, and Casey Stahlheber and Pat MacDonald finished second and third, respectively, in the 5,000 meters. The women's team took third despite several impressive individual performances. Senior Eileen McAllister was a double winner as she cruised to victory in both the 800 meters (2:19.81) and the 1,500 meters (4:46.82). Fellow senior Emily Richard made it a sweep for the Bears in the distance events as she took the 3,000 meters with a time of 10:31.59. Julie Nebel was third in the discus throw with a toss of 116 feet, 3 inches, and Natasha Richmond took third in the hammer throw with a distance of 114 feet.



Food for thought and tasting Master of Social Work students Jewel Brazelton (left), James Conley and Gretchen Bauman sample traditional and contemporary American Indian foods at a tasting March 23 in Brown Lounge. The event was part of American Indian Awareness Week March 22-27, sponsored by the Kathryn M. Buder Center for American Indian Studies at the George Warren Brown School of Social Work.

Eads

Dedication to include hands-on demonstrations

— from page 1

on his new book, "The Shape of the River." The book, which Bowen co-wrote with Derek Bok, former president of Harvard, examines and defends race-conscious admissions at 28 selective universities, including Washington University.

The afternoon presentations and hands-on demonstrations throughout Eads will allow visitors the chance to see how technology is changing teaching and learning in a wide range of disciplines and in a variety of ways. With the help of students, faculty and technology, including personal computers, the World Wide Web, software and CD-ROMS, visitors will have myriad classroom-like experiences,

from taking a virtual reality tour of California's Mohave Desert to listening to a radio station broadcasting live from Germany to visualizing and manipulating molecules.

Two of the presenters, Susan R. Rava, Ph.D., senior lecturer in French, and Brigitte Rossbacher, Ph.D., assistant professor of Germanic languages and literatures, both in Arts and Sciences, are teaching a graduate seminar this semester in Eads on integrating technology into language instruction. They and their students will have computer stations set up in Room 014 for visitors to go on-line and immerse themselves in another language and culture.

Rava said that technology in the classroom brings authentic cultural material to language lessons. Whether students are on-line reading current articles from a Latin American newspaper in their Spanish class, or "planning" a

trip to Paris on that city's French web site by gathering information like currency exchange rates and train schedules, Rava said that the language takes on a genuine usefulness.

When students log on to a foreign web site, "they are immediately in what we call a target culture; they are immediately into the culture of the language they are learning and looking at authentic materials that are current and therefore very lively for them," said Rava.

Rava said that even though most syllabi are still handed out to students as hard copy, and at times there's no replacing chalk and a blackboard, she believes technology in the classroom is here to stay.

"I think the resources are enormous, but so is the challenge to the teacher because the question now is how to use the resources and how to organize them so that students can use them effectively. That's a hard challenge."

Eads' proud history dates from 1902

One of the original 10 buildings to be built on the Hilltop Campus, Eads Hall was completed in 1902. It housed the Board of Lady Managers during the 1904 World's Fair. This board, created to recognize women's administrative abilities, was charged with ensuring the fair represented the work of women around the world.

Later, as the home of the Department of Physics, Eads Hall was the site of Nobel Prize-winning research in the 1920s by Arthur Holly Compton, Ph.D., professor

of physics from 1920 to 1923 and chancellor from 1945 to 1953. In more recent decades, this building has been the home of classrooms and faculty offices for the Department of Psychology in Arts and Sciences.

The building is named for engineer and inventor James Buchanan Eads, whose daughter made the gift to the University in his honor.

While working as a purser on a Mississippi River steamer, Eads invented a diving bell after realizing the need for recovering cargoes lost because of wrecks.

At the beginning of the Civil

War, President Abraham Lincoln summoned Eads for advice on use of the western rivers in the war.

Eads proposed the building of a fleet of steam-propelled gunboats that would be armored to ward off shellfire. Then, in only 100 days, Eads prepared the first seven ironclad gunboats ever used in naval engagement.

In 1865 Congress authorized the construction of the first bridge to span the Mississippi River at St. Louis. As chief engineer, Eads designed and supervised its construction. An engineering marvel and now a national historic landmark, Eads Bridge was completed in 1874.



Eads: Engineer and inventor

From chemistry to art, Eads wires teaching to world

Presenters and demonstrations during the April 6 dedication events are:

- "Statistical Analysis of Data From the Internet," Donna Ginther, Ph.D., assistant professor of economics, Room 216;
- "Using the Web for Professional Teaching and Technology," Alyssa Lonner, James Marton, Mike Orlando, Stephanie Tucker, Lee M. Liberman Graduate Fellows, Room 215;
- "Art History on the Internet: Virtual Exhibitions," Elizabeth Childs, Ph.D., associate professor of art history and archaeology, Room 211;
- "Election and Representation: Bringing Students to Data," John Carey, Ph.D., assistant professor of political science, Room 210;
- "Using Technology in the Introductory French Class," Kathleen Llewellyn, graduate student in French, Room 209;
- "Visualization and Interdisciplinary Applications of Chemical

Concepts," Regina Frey, lecturer in chemistry, Room 204;

- "Optimal Resource Allocation and Product Mix Decisions," Ramesh Kini, visiting assistant professor of operations and manufacturing management, Room 203;

- "St. Louis Homicides and Smart Maps," John Sprague, Ph.D., Sidney W. Souers Professor of Government, Department of Political Science, Room 116;

- "Online Resources for Humanists," Peter Kastor, technology specialist in American culture, and David Konig, Ph.D., professor of history, Room 115;

- "Online Discussion Groups: Student Contributions to a Course Newsgroup," Keith Sawyer, Ph.D., assistant professor of education, Room 103;

- "Virtual Reality in the Hewlett Program on Environmental Sustainability," Raymond Arvidson,

Ph.D., the James S. McDonnell Distinguished University Professor, Department of Earth and Planetary Sciences, Room 102;

• Staff and students will present hands-on demonstrations of instructional technology in the following areas: digital audio and video, Room 013; foreign language broadcasts, Room 008; foreign language computing, Room 008A; foreign language instruction materials in a digital age, Room 007; and, in the Arts and Sciences Computing Center, molecule visualization and manipulation, on-line materials and student projects from the Hewlett Program class "Lewis and Clark and the American Challenge," and on-line resources from the Art Museum Image Consortium.

With the exception of Kini, a member of the John M. Olin School of Business faculty, all presenters are from Arts and Sciences.

Kajukenbo

Kids with cerebral palsy learn self-defense

— from page 1

practicing, especially on me," he joked.

"I feel now that I can protect myself," Stephanie said.

Their condition would seem to give these youngsters an added reason to feel vulnerable in society. Cerebral palsy is a birth defect that affects body movement and muscle coordination, leading to muscle tightness or spasms, involuntary movements and difficulty walking. Additionally, people with this disorder can have sight and hearing impairments and abnormal sensations or perception.

Three students in the martial arts class use canes, and a fourth requires a walker or the equivalent support to stand. But all of them appear to benefit from the class, which is sponsored by the School of Medicine, St. Louis Children's Hospital and BJC Health System.

"What we've learned is that their balance and motor control improve, along with their self-confidence, as they learn to successfully master new motor skills," said Brunstrom, director of the Pediatric Neurology Cerebral Palsy Center. Brunstrom co-founded the class with instructor Mike Utecht and volunteers her time to help teach it. "They all are doing better, and I'm proud of all of them," she said of her students.

Utecht, who has a third-degree black belt in kajukenbo, said he was a little skeptical at first about teaching martial arts to young people with cerebral palsy.

"But now I think it's great," he said. "And when they concentrate on punching or blocking, they step away from their disability and focus on what they can do."

Brunstrom, a pediatric neurologist and developmental neurobiologist, has had a major impact on Utecht's approach to the students. She began taking martial arts from him in the summer of 1997 because she wanted to learn to protect herself.

"When a child is diagnosed with cerebral palsy, there often are limits placed on what that child can achieve," Brunstrom said, stressing that people often incorrectly link motor disorders and intellect. "These limits are largely based on people's poor awareness of exactly what these kids are capable of and a poor understanding of the disorder."

When she first started taking martial arts, she couldn't stand, throw a punch, strike a target and keep her balance at the same time. She had to hang on to Utecht or sit down to master tasks. She also couldn't stay on her feet for the one-hour session.

Now Brunstrom easily stays on her feet and punches at targets for a full hour. Her goals: she intends to learn how to kick — and to earn a black belt in kajukenbo.

University students who volunteer in the class are freshmen Tom Dittman, Cassandra Goodwin, Brianne Kay, Chris Staples, Keene Tso and Rebecca Weissner, junior John McCrow and senior Margaret Lin. Brunstrom's brothers, Eric, a law student at the University, and Mike, a high school student, also volunteer, along with physical therapist Lori Meinert and Dawn Robinson, a student at Maryville University.

Campus Watch

The following incidents were reported to University Police from March 22-28. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This release is provided as a public service to promote safety awareness and is available on the University Police Website at rescomp.wustl.edu/~wupd.

March 22

9:58 p.m. — A student reported that a blue light emergency telephone on the south side of Eliot Residence Hall had been set on fire. Telephone services were notified regarding replacement.

March 23

12:07 a.m. — An officer discovered that the gate arm on the lower level entrance to Millbrook garage was broken off. At 4:16 a.m. March 27, it

was discovered that part of the mechanical arm that operates a gate south of Wohl Center on the South 40 had been sawed off. And, at 6 a.m. March 28, an officer found the parking gate arm for the west exit of parking lot No. 20 at Simon Hall broken off.

University Police also responded to an additional seven reports of theft, two additional vandalism reports, two auto accidents, and one report each of assault, public disturbance and burglary.

Employment

Use the World Wide Web to obtain complete job descriptions. Go to cf6000.wustl.edu/hr/home (Hilltop) or medicine.wustl.edu/wumshr (Medical).

Hilltop Campus

Information regarding positions may be obtained in the Office of Human Resources, Room 130, West Campus. If you are not a WU staff member, call 935-9836. Staff members call 935-5906.

Director, Arts and Sciences Annual Fund/ Director of Development, Olin Library 990120

Associate Director, Annual Giving Programs 990156

Earth and Planetary Sciences Library Assistant 990158

Director of Executive Education Programs 990159

Associate Dean and Director, Weston Career Resources Center 990160

Administrative Secretary (part time) 990162

LAN Engineer 990167

Information Technology Manager 990171

Residential College Director 990172

Administrative Assistant 990175

Senior Shelving Assistant 990185

Publications Editor/Writer 990187

Administrative Coordinator 990188

Assistant Director of Development, School of Business 990189

Department Secretary 990190

Retirement Benefits Manager 990191

Coordinator, Experiential Learning Program 990192

Data Manager and Analyst 990193

Data Manager and Analyst 990194

Japanese Catalog Librarian/Subject Librarian 990197

Program Director 990201

Admissions Coordinator and Technical Assistant 990206

Assistant Dean and Academic Coordinator 990210

Accounting Clerk 990213

SIS Research and Program Analyst 990215

Administrative Assistant 990218

Classroom Manager 990219

Scholarship Coordinator 990220

Residential College Director 990221

Residential College Director 990222

Receptionist 990223

Graphic Designer 990224

Administrative Assistant 990226

Associate Director, Computing Center Operations 990228

Counselor/Financial Analyst 990230

Mechanic (Bargaining Unit Employee) 990231

Manager 990233

Assistant Accountant 990235

Medical Campus

This is a partial list of positions at the School of Medicine. Employees: Contact the medical school's Office of Human Resources at 362-7196. External candidates: Submit resumes to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, Mo. 63110, or call 362-7196.

Programmer/Analyst 981699

Certified Coder 990400

Reimbursement Supervisor 990939

Clinical Nurse Coordinator 991074

Medical Secretary III 991166

Grants/Budget Specialist 991242

Notables

Of note

Brian F. Gage, M.D., assistant professor of medicine, recently was awarded a Scientist Development Grant from the American Heart Association for a project titled "Outcomes of Antithrombotic Therapy in Very Elderly Patients with Atrial Fibrillation." The \$259,000 award will allow Gage and his collaborators — **Michael Rich**, M.D., associate professor of medicine; **William Shannon**, Ph.D., assistant professor of medicine; and **Amy Doggette**, research assistant, to delineate the risks and benefits of prescribing warfarin and aspirin in octogenarians who have atrial fibrillation. ...

Amy K. Heffelfinger, Ph.D., a National Institutes of Mental Health postdoctoral fellow within the Department of Psychiatry, has been awarded the 1999/2000 Rita G. Rudel Award. The \$20,000 award will support Heffelfinger's study of frontal electroencephalogram asymmetry and executive function in Attention Deficit Hyperactivity Disorder pre-school children. The award is sponsored by the Rita G. Rudel Foundation to provide financial support for scientists doing research in the fields of developmental behavioral neuropsychology or developmental behavioral neurology. ...

Alan J. Lambert, Ph.D., associate professor of psychology in Arts and Sciences, has been awarded a three-year \$230,000 grant by the National Science Foundation on "Automatic and Controlled Processes in Stereotyping."

Speaking of

Garland E. Allen, Ph.D., professor of biology in Arts and Sciences, presented a paper on "The U.S. Government's Proposed Violence Initiative" at a conference on racism, fascism and the far right held recently at the University of London. The meeting was attended by representatives of most

European Union countries and focused on the use of biology to justify discrimination, past and present.

On assignment

Erik Trinkaus, Ph.D., professor of anthropology in Arts and Sciences, recently flew to Portugal to assist with the excavation of and begin the analysis and description of an Early Upper Paleolithic human burial from the site of Abrigo do Lagar Velho, Portugal. This exceptionally well preserved ritual burial is the oldest known human burial from Iberia and is the oldest known modern human from southwestern Europe. Its analysis will provide new insights into the emergence of modern humans at their western periphery.

To press

"Property Law and the Public Interest," a casebook co-authored by **Daniel R. Mandelker**, LL.B., J.S.D., the Howard A. Stamper Professor of Law, recently was published by Lexis-Nexis/Michie. The Zoning and Planning Law Reporter also recently published his article on "Federal Land Use Issues for the Next Century." West Group/Clark Boardman recently published supplements to his treatise "NEPA Law and Litigation" and his co-authored work "Federal Land Use Law." Additionally, the American Planning Association has published Mandelker's model legislation for corridor preservation and for integrating environmental assessment with land-use planning and regulation in its "Legislative Guidebook for Growing Smart."

Guidelines for submitting copy:

Send your full name, complete title(s), department(s), phone number and highest-earned degree(s), along with a description of your noteworthy activity, to Notables, c/o David Moessner, Campus Box 1070, or e-mail David_Moessner@aismail.wustl.edu. Items must not exceed 75 words. For more information, call 935-5293.



Legend at work Renowned actress Zoe Caldwell (center) conducts a master class as a visiting artist in the Performing Arts Department last week. Caldwell, a four-time Tony Award winner, worked with students and presented the second annual Morrin Lecture, founded in memory of alumna Helen Clanton Morrin (MA '82). Also pictured are juniors Yael Berkovich (left) and Jane Seal.

Stanley Spector memorial to be held

A memorial for Stanley Spector, Ph.D., professor emeritus of Chinese studies in Arts and Sciences, will be held at 1:15 p.m. April 9 in Graham Chapel. A reception at Holmes Lounge will follow at 2:30 p.m.

In addition, the sixth Stanley Spector Memorial Lecture on East Asian History and Civilization will be presented at 4 p.m. in McDonnell Hall, Room 162. Carol Gluck, the George Sansom Professor of History at Columbia University, will

discuss "Past Obsessions: War and Memory in the 20th Century."

Spector, who died Jan. 29 at age 74, served as chair of the Department of Chinese and Japanese (now Asian and Near Eastern languages and literatures) from its inception in 1963 until 1973. He also served as chair of the Committee on Asian Studies and as director of the International Studies Program from 1971 to 1989.

For more information, call Debra Jones at 935-5156.

Medical school faculty receive tenure

The following School of Medicine faculty members were promoted with tenure, with effective dates as noted, following a meeting of the Board of Trustees on March 5, 1999.

Promotion with tenure

Daniel C. Brennan, M.D., to associate professor of medicine (effective March 5, 1999)

Pui-Yan Kwok, M.D., to associate professor of medicine (dermatology) (effective July 1, 1999)

Michael Mueller, Ph.D., to associate professor of physical therapy (effective March 4, 1999)

Jay W. Ponder, Ph.D., to associate professor of biochemistry and molecular biophysics (effective June 1, 1999)

Field

Freshman recruited after presentation on work

— from page 1

found this very attractive. Now there is a national journal devoted specifically to undergraduate research."

Field came to the University in the summer of 1997 to take a thesis and revision course and an introduction to biology course in the Summer Scholars Program for prefreshman. He also worked in the laboratory of Mark Conradi, Ph.D., professor of physics, on a magnetic resonance lung-imaging project, where he learned a good deal about electronics.

In his senior year of high school, drawing upon some of the electronics savvy he'd gained in Conradi's lab, Field created his own version of a thermal-conducting polymer, polypyrrole, giving it different properties that greatly enhance its capabilities. He received a grant from the American Chemical Society, one of the nation's largest professional scientific organizations, for his high school work.

Field wrote a paper on the polymer and, through the courtesy of the National Junior Academy of Science, went to the AAAS annual meeting at Anaheim, Calif., in January 1999. There he gave a 10-minute talk on his work and presented a poster demonstration.

A woman from the National Journal of Young Investigators was interested in his presentation and later asked him to serve on the editorial board.

"I think it's a tremendous opportunity, and it's also nice to represent Washington University and the School of Engineering and Applied Science as the first Washington University representative on that team," he said.

The first issue Field will edit is the fall/winter 1999-2000 issue.

Field was a veteran Washington University researcher before enrolling in classes this fall. During the summer of 1998, he came to campus as a member of the Howard Hughes Medical Institute's prefreshman program. Through this program, selected entering freshmen experience laboratory work firsthand with faculty mentors. Field worked with Sandor Kovacs, M.D., Ph.D., associate professor of medicine, on the mathematical modeling of the

Brain

Uncovering clues about gateway to brain

— from page 3

the epithelial cells from the surface that normally faces the cerebrospinal fluid.

These findings suggest that doctors who want to treat brain ailments need to overcome both Pgp and MRP to succeed with drug treatments. Yet pharmaceutical companies have primarily tested drugs that block Pgp function as treatments for cancers in the brain and elsewhere. "We don't know what might happen if you inhibit both of these," Piwnica-Worms said.

The transporters' roles at the blood-cerebrospinal fluid barrier have yet to be characterized. Piwnica-Worms suggests that Pgp likely plays a different role at this gateway, perhaps as a sodium transporter or as a way to regulate cholesterol and related compounds inside the central nervous system. He will use animal models lacking one or both transporters to clarify their functions in normal and disease states.

resting period of the heart cycle. He will be working with Frank C-P Yin, M.D., Ph.D., the Stephen and Camilla Brauer Professor of Biomedical Engineering and chair of the biomedical engineering department. One of his main interests in Yin's lab is actin fibers in skeletal and cardiac muscle.

Additionally, during his senior year of high school, Field worked with a cardiologist in a mentoring program that took him to several Kansas City hospitals.

"Ryan is one of the brightest, most articulate prefreshmen biologists we have had go through the program," said Elaine Alexander, program coordinator. "He was one of our strongest researchers academically. He seems to have taken the campus by storm. I believe his average for the fall semester is a 4.0."

Field has hopes of being admitted to the Howard Hughes Fellowship Program, enabling him to work at the University this summer. His long-range plans are to earn a medical degree and a doctor of science degree in cardiovascular engineering.

"I'm very grateful for the assistance and experience I've received at Washington University over the past two years," Field said.

Campus Authors

M. Lynn Weiss, Ph.D., assistant professor of English and of African and Afro-American studies in Arts and Sciences

Gertrude Stein and Richard Wright: The Poetics and Politics of Modernism

(University of Mississippi Press, 1999)

What could Gertrude Stein, a Jewish lesbian, and African-American Richard Wright have to talk about in Paris in 1946?

A great deal, says M. Lynn Weiss. In her book, "Gertrude Stein and Richard Wright: The Poetics and Politics of Modernism," Weiss explores the face-to-face meetings and correspondence between these two expatriates and great figures of literary modernism.

"Among the important things I would learn from my early research were the ways in which expatriation enabled these outcasts to be Americans in ways that were inaccessible to them back home," Weiss said.

After the Second World War, Stein asked a friend's support in securing a visa for Richard Wright to visit Paris. "I've got to help him," Stein said. "You see, we are both members of minority groups."

The brief, little-explored friendship of Stein and Wright began in 1945 with a letter. Over the next 15 months, the two kept up a lively correspondence which culminated in Wright's

visit to Paris in May 1946 and ended with Stein's death a few months later.

Wright always acknowledged his debt to Stein, Weiss said. "But when I began this study I did not know that Gertrude Stein read [Wright's] 'Uncle Tom's Children,' 'Black Boy,' and 'Native Son.'" When Wright and Stein met just after World War II, one of Stein's major concerns was how race had shaped American history.

Weiss said that as she examined the intellectual exchange between the two writers, she witnessed, "Gertrude Stein and Richard Wright become visible and audible philosophers of modernity whose meditations on the self, society, race, poetics and politics are among the most subtle we have."

(Text by University of Mississippi Press.)

A recent release available at the Campus Bookstore in Mallinckrodt Center on the Hilltop Campus or at the Washington University Medical Bookstore in the Olin Residence Hall. For more information, call 935-5500 (Hilltop Campus) or 362-3240 (Medical Campus).

Washington People



Leila Sadat Wexler, J.D., LL.M., D.E.A., offers pointers to Andrew Ruben, left, a member of the Phillip C. Jessup International Moot Court Team Wexler advises. The team recently won the Midwest Regional competition and competed at the International Moot Court World Cup in Washington, D.C., which draws teams from 46 countries. Other team members are (from left) Michelle Noltemeyer, Robert Tomilson, Gilbert Sison and Richard Carden.

Working for a 'safer, less chaotic' world

Leila Sadat Wexler brings global perspective, concern for human rights to teaching, research

By ANN NICHOLSON

As the distant cousin of Anwar Sadat and the granddaughter of an illustrious Syrian physician — whose patients included Prince Abdullah of Transjordan and King Faisal of Saudi Arabia — Leila Sadat Wexler, J.D., LL.M., D.E.A., professor of law, reflects an innate international perspective.

She grew up in a family where Arabic and French were spoken frequently and current events were a natural topic at the dinner table, so it would seem logical that Wexler would ultimately become a leading expert on international and comparative law. Wexler's career path, however, was not so obvious to her father, who wished her to follow the family tradition of becoming a doctor.

Wexler dutifully pursued pre-med courses at Rutgers University, but she followed her interests in current events and international debate as well. She served as president of the New Jersey State Student Association and as a student member of the University Investment Advisory Committee, which was struggling over whether to divest its holdings in corporations doing business in South Africa.

"I didn't know anything about investment, but I got a book out of the library on South Africa and apartheid, and it seemed like a no-brainer to me," Wexler recalled. "The committee decided not to divest, so I wrote a dissent. I argued that there ought to be a principle for ethical investment."

Although she was accepted into medical school upon graduation from Rutgers, Wexler decided to enroll in law school after taking some time off. During her first year at Tulane University School of Law in New Orleans, Wexler knew she wanted to be a law professor. "If you are really lucky, you get a calling," Wexler said.

After graduating first in her class in 1985, Wexler clerked for a U.S. Fifth Circuit Court of Appeals judge. She then pursued a master of laws at Columbia University, where she was awarded a Jervey Fellowship in Foreign Law, which included a year of legal study in Paris. Wexler remained in Paris to earn a doctoral diploma in law at the University of Paris-Sorbonne in 1988. She also held two prestigious judicial clerkships at La

Cour de Cassation (the French Supreme Court) and Le Conseil d'Etat (France's Supreme Court for Administrative Affairs). Licensed to practice law in France and the United States, Wexler practiced international law in Paris for five years before joining the Washington University law faculty in 1992.

Her expertise in private and public international law, European Union law and international criminal law combined with her gifts as a teacher have made her an excellent fit for the School of Law.

"Leila has been a breath of fresh air," said Stephen H. Legomsky, J.D., D.Phil., the

evolution of international law, but also demonstrates current shortcomings and anticipates the next logical phase in the law's evolution.

Wexler's main body of research centers on the war crimes prosecution of World War II French collaborators. Her numerous articles analyze the principles established during the 1945-46 prosecution of 22 Nazi war criminals at Nuremberg. She also explores the implications for the international community of the ensuing French prosecutions of lower-ranked Vichy collaborators. Her legal articles on Vichy militia leader Paul Touvier, who was convicted in France on "crimes against humanity" charges in 1994, are considered the definitive works on the topic.

"The Touvier case is the last in a long string of decisions, including the Klaus Barbie case, by which the

"Professor Wexler has a very dynamic teaching style. ... She sets a very high standard for herself and her students, but she also helps you attain that standard."

ANDREW RUBIN

Charles F. Nagel Professor of International and Comparative Law. "She has contributed immensely to our international program. Through her scholarly writing and skillful leadership in the International Law Association, Leila has acquired a global reputation for her pioneering work on the first-ever international criminal court."

Dynamic teacher

Second-year law student Andrew Ruben admires Wexler's enthusiasm, scholarship and drive. "Professor Wexler has a very dynamic teaching style," he said. "She is not only an expert on the material and extremely active in her field, but also shares her excitement for current and imminent developments in international law. She sets a very high standard for herself and her students, but she also helps you attain that standard."

Though she abandoned a medical career, Wexler approaches the law like a surgeon cutting to the core of the issue. She also has a knack for absorbing vast quantities of material and consolidating historical perspectives, current happenings and legal analyses into heavily documented yet highly readable journal articles. Her research not only examines the

Criminal Chamber of the French Supreme Court has incorporated into French law the principles relating to the international crimes against humanity that were developed at Nuremberg," Wexler noted. "Touvier's trial not merely avenged his victims, it honored their losses and restored to their descendants a sense of dignity and faith in society. From an international perspective, it created a significant new body of law on the prosecution of crimes against humanity."

Wexler's work on crimes against humanity has gained international recognition, and was recently cited by the International Criminal Tribunal for the Former Yugoslavia in the decision involving Dusan Tadic, a Bosnian Serb accused of murdering and torturing Muslims and Croats. This spring, she received the Treiman Fellowship from the law school to pursue her work on French war crimes trials and the International Criminal Court.

Chair of the American Branch of the International Law Association Committee on the Permanent International Criminal Court, Wexler has authored or edited several articles and two monographs on the court that make a strong case for its creation.

"While hundreds of treaties

attempt to address international crime related to wars, human rights abuses and terrorism, the enforcement of these instruments has been practically nonexistent, and the actual criminal conduct covered in many cases has been unclear," Wexler observed. "The case for a permanent international criminal court with jurisdiction over serious violations of international criminal law is a compelling one. Legal accountability, if consistently enforced on an international scale, could lead to deterrence of crime, restoration for the victims of crime, retribution for criminal acts and upholding of the principles of justice and law."

Last summer, Wexler was a non-voting delegate to the United Nations Diplomatic Conference on the Establishment of an International Criminal Court, where a statute for the proposed court was adopted.

"The Rome conference was the culmination of a century-long effort to rein in international conflict through the establishment of a legal institution to mediate disputes, and, in the most egregious cases, to prosecute and punish offenders," Wexler said. "It was an extraordinary event involving representatives of 160 countries and observers from roughly 250 nongovernment agencies who struggled to define the parameters of an international institution to respond to the atrocities of the 20th century."

Historic achievement

After five weeks of "grueling negotiations," a statute for the court was adopted 120-7, with 21 countries abstaining, Wexler said. Despite her elation over this historic achievement, Wexler was heartsick over the U.S. delegation's vote against the statute due to issues related to the role of the Security Council and the desire for a U.S. right to veto prosecution of its nationals. "The American delegation represented the spirit of American arrogance and isolationism, believing that the American position was indisputably correct," Wexler noted.

Before the court officially can be created, much work remains to be done. "Sixty nation states must ratify the treaty, and the Preparatory Commission must, among other tasks, prepare draft texts concerning the rules of evidence and procedure, financial regulations and the relationship between the court and the United Nations," Wexler noted.

As she wrestles with complex international legal issues with her students, Wexler sees Washington University as a force for positive change toward a multicultural perspective and the fostering of a generation that might take a more open worldview. "International law is about the lives of people — the struggle of human beings to make the world safer and less chaotic," she said. "We need to look at the world not as scary and frightening, but as a wonderful, exciting place full of diversity and different views that can enrich our own understanding of this planet."



Leila Sadat Wexler and her son, Sam, 4, enjoy a recent outing at the skating rink.

Leila Sadat Wexler, J.D., LL.M., D.E.A.

Motto: "Do the best in everything you do. If you can't do your best, you have to do less."

Interests: Spending time with son, Sam, 4; performing with the St. Louis Symphony Chorus; practicing Hatha Yoga; horseback riding

Professional organizations: Executive Committee member, International Law Association; vice president, International Association of Penal Law (American Branch); board member, International Law Students Association; member, French Société de Législation Comparée