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## Washington University Record, April 2, 2004

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# Record

April 2, 2004

Volume 28 No. 27

Treasuring the Past



Washington University in St. Louis

Shaping the Future

Celebrating 150 Years



WUSTL's statue of George Washington is a reproduction of this one in the Virginia Capitol.

## Washington statue to find home near renovated library

BY ANDY CLENDENNEN

Looking around the University's campuses, one is hard-pressed to find a statue or plaque or bas-relief of the University's namesake, George Washington.

That's because none exists. But that's about to change.

As part of the recognition of the University's Sesquicentennial, a statue of George Washington will be placed in the circular, patio/terrace area on the south side of newly renovated Olin Library.

The statue will be dedicated May 7, coinciding with the rededication of the library.

WUSTL's statue will be a reproduction of one that stands in the rotunda of the Virginia

See **Statue**, Page 5

## Ethics center examines critical issues

### Multidisciplinary endeavor involves numerous schools

BY DIANE DUKE WILLIAMS

Washington University now has one of the only comprehensive programs in ethics and human values at a university in the United States.

The purpose of the Center for the Study of Ethics and Human Values is to support the study, research and teaching of ethics in areas ranging from medicine to business to architecture. Many universities have ethics centers that address only one topic or are located within a particular school.

"The power of this endeavor is to create forums at the University and in the communi-

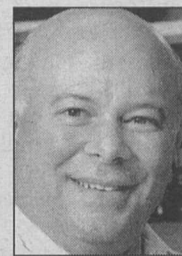
ty to deal with the most controversial issues of our time," said Ira J. Kodner, M.D., center director and the Solon and Bettie Gershman Professor in the Department of Surgery. "We want to bring together people with very different points of view."

Kodner envisions the organization putting together educational programs, developing curricula and providing humanitarian outreach.

The center is sponsoring a seminar on professionalism in medicine, law and business, and it recently sponsored a lecture on health-care reform.

It also issued 15 \$5,000 faculty grants last year for projects such as a one-day symposium on the participation of children in clinical trials and a workshop about the play *Shooting Magda*, which addressed claims of identity, honor and land held by Israelis and Palestinians. Ten projects have been funded for the upcoming year.

Citing the Enron and mutual-fund scandals, Kodner believes our society has become



Kodner

more self-centered and bottom-line oriented.

"And only a few of us have the privilege of looking at the long-range visions," he said. "If we don't do that, then we will suffer the consequences."

Although it's already been hosting programs and funding projects, the center's

inaugural event was March 24, when it co-sponsored Susan Sontag's Assembly Series lecture in Graham Chapel.

The idea for the center started about three years ago, when Kodner helped the American College of Surgeons develop a curriculum to teach ethics to surgical students. Kodner came back to the School of Medicine and wondered why the University didn't have a comprehensive ethics program.

He discovered there was interest in a campus-wide program.

See **Ethics**, Page 6

## Presolar carbon found in interplanetary dust

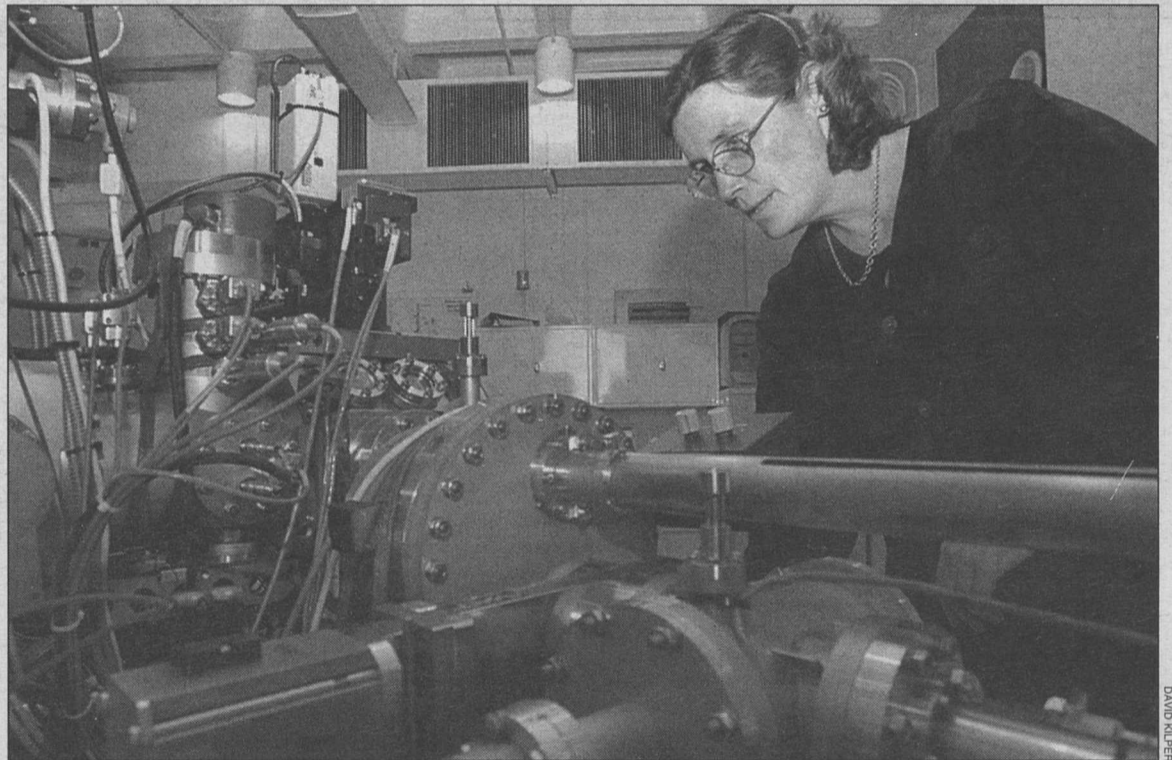
BY TONY FITZPATRICK

For the first time, researchers have identified organic material in interplanetary dust particles (IDPs), gathered from the Earth's stratosphere, that was made before the birth of our solar system.

The material was identified on the basis of its carbon isotopic composition, which is different from the carbon found on Earth and in other parts of the solar system. Isotopes are variations of elements that differ from each other in the number of neutrons they have, making them similar chemically but different physically.

Christine Floss, Ph.D., senior research scientist in earth and planetary sciences and in physics, both in Arts & Sciences, said the organic material in the IDP that she and her colleagues analyzed probably was formed in molecular clouds in the interstellar medium before the formation of the solar system. The isotopic anomalies are produced by chemical fractionation at the very low temperatures found in these molecular clouds.

See **Carbon**, Page 6



Christine Floss, Ph.D., senior research scientist in earth and planetary sciences and in physics, both in Arts & Sciences, checks the sample chamber of the NanoSIMS instrument on the fourth floor of Compton Hall. Floss has identified organic material in interplanetary dust particles, gathered from the Earth's stratosphere, that was made before the birth of our solar system. It is the first such organic material discovered.

## Alcohol-induced blackouts may be linked to genetics

BY JIM DRYDEN

Genes appear to play a major role in whether a person experiences a blackout after heavy drinking, according to a new study by alcoholism researchers in the School of Medicine and the Queensland Institute of Medical Research in Brisbane, Australia.

Elliot C. Nelson, M.D., associate professor of psychiatry, led the study examining genetic influences on blackouts in general and on the incidence of having three or more blackouts in one year. Blackouts are periods of time that cannot be remembered.

The study appeared in the

March issue of *The Archives of General Psychiatry*.

"Our results suggest more than 50 percent of the risk for having a blackout at some point in life seems to be controlled by genetic factors," Nelson said. "The same is true for the risk of having three blackouts in a single year. Genetic factors account for almost 58 percent of that risk."

Nelson and his colleagues also found a surprisingly large percentage of those who report having blackouts when drinking heavily.

Surveying 2,324 identical and fraternal pairs of twins who were

See **Blackouts**, Page 6

### This Week In WUSTL History

April 4-6, 1916

Former President William Howard Taft visited the University and gave two addresses: one in Graham Chapel and another to students in the School of Law.

April 4, 1986

John E. Simon Hall was dedicated for the School of Business and Public Administration (which became the John M. Olin School of Business in 1988). Previously, the business school had been located in Prince Hall.

This feature will be included in each 2003-04 issue of the Record in observance of Washington University's 150th anniversary.

## Ervin Scholars Program guidelines to be revised

The University announced today that it will be revising the criteria it uses to select scholarship recipients for its Ervin Scholars Program, a scholarship program that has been available for African-American students. That program, which honors the legacy of its namesake, John B. Ervin, a nationally renowned educator, will continue to foster a richly diverse educational atmosphere at the University.

The new Ervin Scholars Program, which will continue to seek out students who demonstrate exceptional intellectual and leadership achievements, will be open

to all applicants.

Community service accomplishments and the commitment of applicants to meeting the needs of less-fortunate segments of American society also will be important considerations. Special consideration will also be given to applicants interested in a career in education, consistent with the legacy of John B. Ervin.

The new selection factors will go into effect with the selection of Ervin Scholars for the 2005-06 academic year. The changes should not affect current Ervin Scholarships, including Ervin

See **Scholars**, Page 7

## Stella piece is major gift for Gallery of Art

Titled *Lo Sciocco Senza Paura*

By LIAM OTTEN

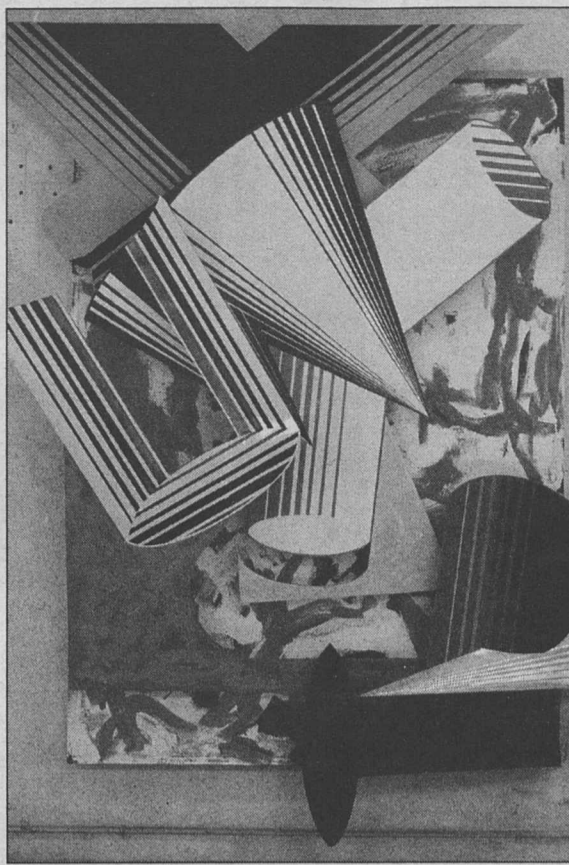
The Gallery of Art has received a major gift from New York art collectors and patrons Ann Fertig Freedman and Robert L. Freedman.

*Lo Sciocco Senza Paura (The Fearless Fool)* (1984), by American artist Frank Stella, is a large-scale mixed-media relief painting measuring more than 10 feet by 10 feet by 2 feet. From Stella's landmark *Cones and Pillars* series, the gallery's new acquisition is constructed of etched magnesium, aluminum, fiberglass and canvas.

"We are deeply moved by Ann and Robert's generosity," said Mark S. Weil, Ph.D., the E. Desmond Lee Professor for Collaboration in the Arts and director of the Gallery of Art. "This is an outstanding addition to our contemporary collection. At the same time, it will allow students and faculty from across the University to study, on a daily basis, a key work by the pre-eminent abstractionist of our time."

*Lo Sciocco Senza Paura* will be installed in the main foyer of Steinberg Hall by April 14, when Stella will visit the Hilltop Campus as a keynote speaker for the groundbreaking of the \$56.8 million Sam Fox Arts Center.

Ann Fertig Freedman is president of Knoedler & Co., which was established in 1846 and is New York's oldest and one of the country's most prestigious art galleries. See Stella, Page 6



*Lo Sciocco Senza Paura (The Fearless Fool)* (1984; 10' x 10' x 2'), by American artist Frank Stella, is a large-scale mixed-media relief painting. The Gallery of Art has received this major gift from New York art collectors and patrons Ann Fertig Freedman and Robert L. Freedman.

## Parking permit prices for 2004-05 announced

By ANDY CLENDENNEN

Many of the parking permits that have been issued to faculty and staff will not expire this year, as these permits are on a three-year cycle. The expiration date on these permits is June 30, 2005, and no renewal is necessary this year.

However, beginning July 1, 2004, the new prices (see box) will be in effect, and all payroll deduction amounts will be adjusted accordingly.

For those who opted for an annual permit, those permits will expire June 30, 2004. These individuals must go through the renewal process beginning June 1, 2004. Renewal can be done in person at the parking office in the University Police Headquarters building in the South 40.

Green permits are only available for renewal. No new green permits will be issued.

Parking and Transportation Services has also added a feature

to its Web site ([parking.wustl.edu](http://parking.wustl.edu)), which will be available in June and allow permit renewals to be done completely online.

There also is an e-mail notification

### Parking permit fees

	2003-04	2004-05
Red	\$760	\$780
Yellow	\$345	\$350
Green	\$115	\$115
Blue	\$345	\$350
Brown	\$345	\$350
Yellow Evening	\$80	\$80
Red Evening	\$80	\$80
Off-site	\$80	\$80
Disabled	\$115	\$115
Student Summer	\$80	\$80
Official Business	\$335	\$345

list that is new from Parking and Transportation Services. Notification is sent using this list to alert the campus community to events that may affect or limit parking, construction in parking areas, changes to the bus system, reroutes and other key information.

To sign up for the parking list, the transportation list or both, go online to [parking.wustl.edu](http://parking.wustl.edu).

## American Indian Awareness Week April 5-10

By JESSICA MARTIN

An American Indian powwow, traditional cuisine and crafts will be among the highlights of the University's American Indian Awareness Week April 5-10.

The theme is "Bringing Nations Together Through Education, Community and Culture."

The annual powwow and awareness week allow the University's American Indian students to share their unique cultures with the rest of the campus and the St. Louis community. The events are free and open to the public.

The Kathryn M. Buder Center for American Indian Studies at the George Warren Brown School of Social Work and the School of Law are co-sponsoring the festival.

On April 5, Buder Center students and staff will offer a sampling of American Indian foods — such as fry bread, wild rice and corn soup — from 3-4 p.m. in the Goldfarb Hall Student Commons.

Delores Santos, a member of the Comanche and Seneca tribes, will present traditional American Indian stories from 10-11:30 a.m. April 6 in the Goldfarb Hall Student Commons.

The movie *Whale Rider* will be featured from 6-9 p.m. April 7 in Goldfarb Hall, Room 359. The story follows Pai, a 12-year-old Maori girl who challenges her grandfather and embraces a thousand years of tribal traditions to fulfill her destiny as a Maori leader. A discussion will follow.

The GWB American Indian Alumni Association speaker, Patty

Grant, will lecture on "Health Promotions, Spirituality, and Clinical Practices" from 1-1:30 p.m. April 9 in Brown Hall Lounge. Grant, a member of the Cherokee and Lakota tribes, works for the Cherokee Nation.

American Indian Awareness Week will culminate April 10 with the 14th annual powwow, a festival of American Indian dancing, singing, drumming, arts, crafts and food.

The powwow, from noon-10 p.m. in the Athletic Complex, attracts more than 1,500 people from 10 states. The Intertribal and Contest Dancing will begin at 1 p.m. and 6 p.m.

For more information, call the Buder Center at 935-4510 or go online to [gwbweb.wustl.edu/buder](http://gwbweb.wustl.edu/buder).

## April Welcome to bring nearly 1,000 prospective students

By ANDY CLENDENNEN

They are the annual rites of spring. Yes, baseball season has finally arrived. But on a more immediate level, April Welcome is here once again as well.

The annual month-long event will bring close to 1,000 prospective students from the Class of 2008 to the Hilltop Campus for a sampling of life at Washington University.

The admitted students, who received an open invitation to visit campus any time in late March or April, were chosen from almost 20,000 undergraduate applications. Last year, these admitted student visitors, plus younger high-school student visitors who were just beginning their college searches, numbered more than 2,500 in March and April.

In its 12th year, the Office of Undergraduate Admissions event gives students an opportunity to experience the University and the St. Louis area.

"Many students have said that April Welcome made the difference in their decision to attend Washington University, so making the visiting students feel like they belong here is very important," said Nanette H. Tarbouni, director of admissions. "The involvement and enthusiasm of our current students and the entire University community is quite impressive — and crucial to making the month successful."

About half of the students who participate in April Welcome end up enrolling here, Tarbouni said.

The high-school seniors can take part in activities both on and off campus during their visit. They can room with a current student in a residence hall, sit in on classes, talk with faculty, attend meetings and social activities sponsored by numerous student organizations and sample the area's entertain-

ment and cultural attractions.

The schools of Art, Architecture, Engineering & Applied Science and the Olin School of Business will offer special tours of their facilities.

The annual Multicultural Celebration Weekend April 15-18 will draw many prospective students from all over the country. This annual event is co-sponsored by the Office of Undergraduate Admissions and the University's many multicultural student organizations, which work together to plan the activities.

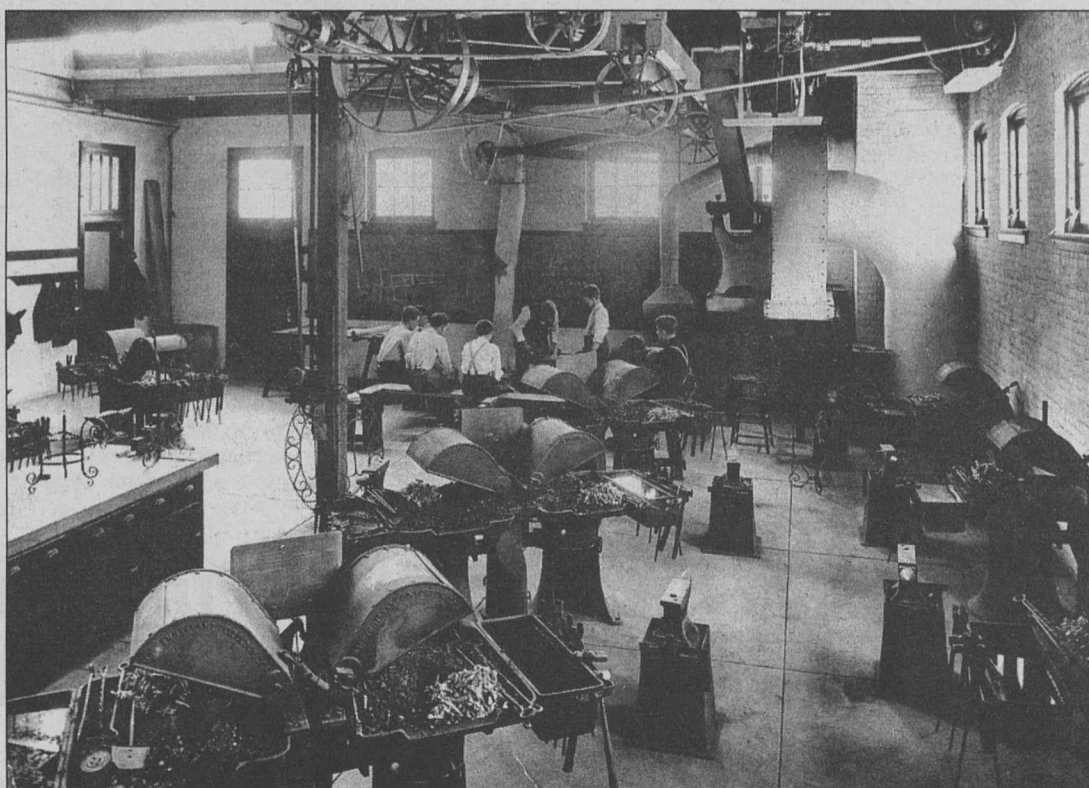
"In fact, the opportunity to interact with our current students is one of the major factors that influences a high-school student to attend Washington University," Tarbouni said. "All of our students, including the members of our great Student Admissions Committee, do a wonderful job representing our University."

Throughout April, the undergraduate admissions office will extend its hours for prospective students and their parents. In addition to its regular 8:30 a.m.-5 p.m. weekday hours, the office will be open Saturdays and Sundays.

The student financial services office will have drop-in hours from 1-4 p.m. Mondays and Fridays and from 1-3 p.m. Tuesdays, Wednesdays and Thursdays.

Additional campus tours will be added for April Welcome. Tours will leave from the undergraduate admissions office in South Brookings Hall at 10 and 11 a.m. and 2:30 p.m. Mondays and Fridays; at 11 a.m. and 2:30 p.m. Tuesdays, Wednesdays and Thursdays; at 10:30 a.m. and noon on Saturdays; and at noon on Sundays.

### PICTURING OUR PAST



In 1871, Calvin Woodward, one of the developers of the Manual Training School, asked his applied mechanics students to build some models for the class. He was shocked when they turned him down because they didn't know how to use the appropriate tools. So Woodward asked Noah Dean, the University carpenter and mechanic, to outfit a shop (above) where students could learn basic skills such as carpentry, wood turning, blacksmithing and light machine work. Soon the program blossomed and outgrew its first small shop and graduated to three floors of an old mansion near campus. A new school was constructed that would operate under the auspices of the Polytechnic Department, and it opened in 1880 at the corner of 18th and Washington avenues in St. Louis. The Polytechnic Department later merged with the College — the University's liberal arts division — to form one Undergraduate Division.



Washington University is celebrating its 150th anniversary in 2003-04. Special programs and announcements will be made throughout the yearlong observance.

## Nobel-winning economist to visit

Myron S. Scholes, co-recipient of the 1997 Nobel Memorial Prize in Economic Sciences, will speak on "Financial Innovation in a Chaotic Environment" at 11:30 a.m. April 8 in the Bryan Cave Moot Courtroom of Anheuser-Busch Hall.

Scholes, the Frank E. Buck Professor of Finance Emeritus at Stanford University, authored the "Black-Scholes Options Pricing

Model," which some describe as the economics equivalent of Einstein's theory of relativity.

Scholes won the Nobel for work on a new method of determining the value of derivatives.

Free and open to the public, the talk is sponsored by the Undergraduate Economics Association. For more information, call 935-8902 or go online to [economics.wustl.edu/~uea](http://economics.wustl.edu/~uea).

## School of Medicine Update

# New center enables genetic treatments and advances

By MICHAEL C. PURDY

A state-of-the-art research facility dedicated to helping produce modified cells for treatment of cancer and other diseases recently opened at the Siteman Cancer Center.

The Good Manufacturing Practice (GMP) center is a haven of high-tech environmental control, comparable in some respects to the International Space Station, according to GMP Laboratory Director Gerhard Bauer.

After a celebratory open house in December, scientists transformed the GMP into an ultra-clean area accessible only to workers outfitted in special suits and protective gear.

Tight regulation of the environment makes it possible for scientists in the GMP to engineer and manipulate cells for use in a variety of medical treatments.

These include new therapies that harness the power of the immune system to attack cancer and genetic modifications that enhance existing vulnerabilities in tumor cells or open new lines of attack against these cells.

"The GMP is focused on translational research — taking something developed in the lab and bringing it to the patient's bedside," Bauer said.

"It's a state-of-the-art, absolutely modern facility, one of the best available in the country."

The extraordinary dedication to environmental control doesn't primarily stem from a need to keep dangerous materials from

**"The GMP is focused on translational research — taking something developed in the lab and bringing it to the patient's bedside. It's a state-of-the-art, absolutely modern facility, one of the best available in the country."**

GERHARD BAUER

getting out. Instead, it keeps dangerous contaminants from getting into the modified cells made at the GMP.

The cells are destined for use inside patients and have to be produced to exact standards of consistency and purity. The GMP takes its name from the Food and Drug Administration's term for these standards.

The GMP includes six manufacturing rooms where scientists can work independently on different projects.

Designers built the rooms from durable materials and equipped them with tight security to eliminate any possibility of cross-contamination.

Preparation is already under way at the GMP for the production of cell lines that researchers hope to use soon in clinical trials.

John F. DiPersio, M.D., Ph.D., the Lewis T. and Rosalind B.

Apple professor of medicine and deputy director of the Siteman Cancer Center, plans to modify immune system cells known as T cells for use in the treatment of leukemia patients.

DiPersio plans to inject patients with T cells to destroy any recurrent tumors after bone marrow transplants.

However, T cells are also involved in graft-versus-host disease, a primary cause of illness and death in these patients.

To prevent this possibility, researchers will modify the cells to self-destruct in the presence of the anti-herpes drug ganciclovir.

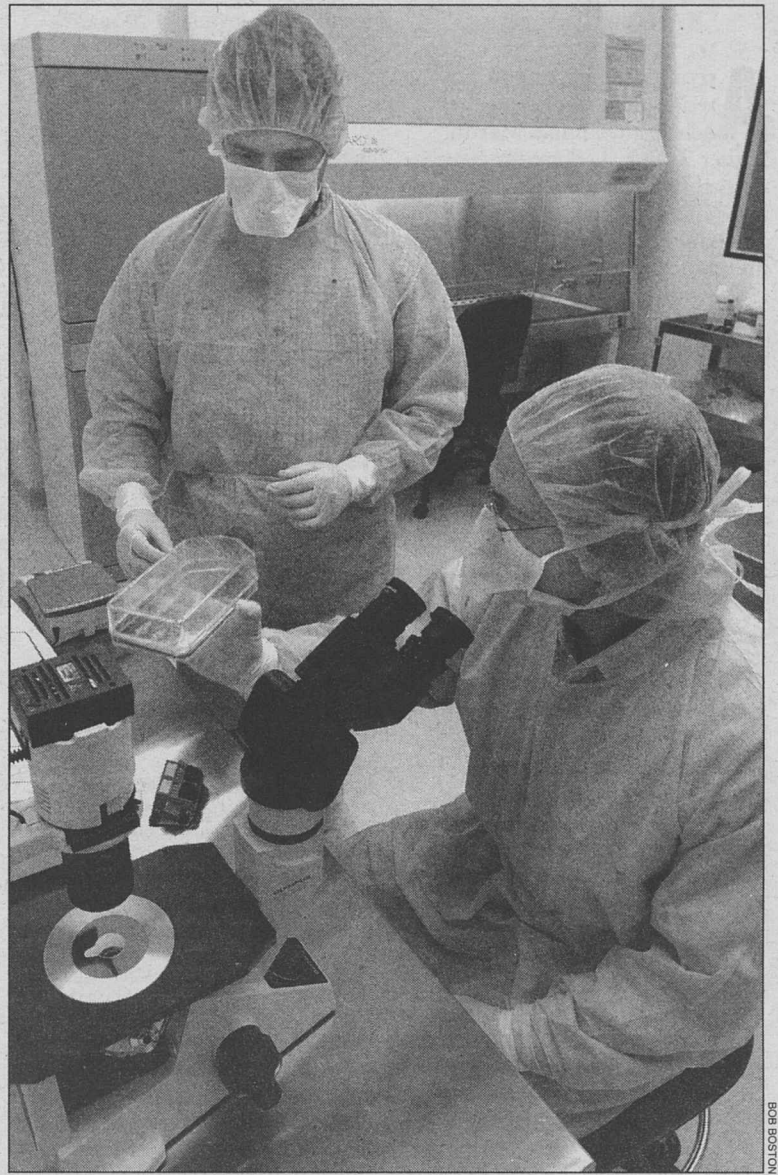
Michael W. Rich, M.D., associate professor of medicine, plans to use bone marrow stem cells to treat heart attack patients.

Rich wants to inject stem cells from patients into their own hearts, possibly stimulating the re-growth of blood vessels damaged from the heart attack, and to improve heart function and quality of life.

Bauer said experiments have already shown that GMP researchers can reliably isolate bone marrow stem cells within the three-hour window of time normally provided by heart surgery.

According to Bauer, researchers working on 30 different projects at the University have already made arrangement to have materials produced at the GMP.

The University also plans to make GMP services available to other universities and private companies.



Research lab supervisor Jon Walker (left) and Good Manufacturing Practice (GMP) center Director Gerhard Bauer, M.D., prepare for a leukemia clinical trial, which will be led by John F. DiPersio, M.D., Ph.D., in the new state-of-the-art GMP at the Siteman Cancer Center.

## Agent reveals drug-resistant cancer

By MICHAEL C. PURDY

A protein found on the surface of drug-resistant cancer cells that pumps away chemotherapy treatments also removes a bioluminescent agent widely used in imaging research, according to a new University study.

David Piwnica-Worms, M.D., Ph.D., professor of molecular biology and pharmacology and of radiology, calls the result a "two-edged sword."

The findings were recently published in the online version of the *Proceedings of the National Academy of Sciences*.

"This finding gives us a noninvasive, real-time way to monitor the effects of new treatments that may be able to overcome cancer drug resistance in live animal models because it's likely that if the imaging agent is expelled from cells, chemotherapy agents would be removed, too," Piwnica-Worms said.

"But it also means that basic scientists who use this imaging agent are going to have to consider the possibility that interactions between the MDR1 P-glycoprotein (Pgp) and the imaging agent may be affecting their results."

The imaging agent, coelenterazine, is produced by microorganisms in the sea and passed through several marine organisms in the food chain.

Coelenterazine glows when it interacts with Renilla

luciferase, a protein derived from the sea pansy. Scientists can detect this glow in genetically modified organisms with noninvasive imaging devices.

Andrea Pichler, Ph.D., a postdoctoral fellow in Piwnica-Worms' laboratory, led the study that identified coelenterazine's interactions with Pgp, the cancer drug-resistance protein.

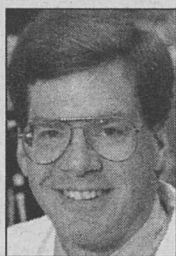
"This protein's abilities are a clinically validated and feared reality," Piwnica-Worms said. "When the MDR1 form of Pgp becomes active, it doesn't just block one chemotherapeutic treatment; it provides resistance to a whole swath of treatments."

Pgp pumps drugs out of cancer cells or off their surfaces, making it difficult for the chemotherapeutic agents to build up to levels in which they can kill the cells.

Coelenterazine has similar physical and chemical properties to the cancer drugs, making it possible for Pgp to catch it and push it away.

Piwnica-Worms plans to develop methods for using the new connection to study regulation of Pgp in live animals and to rapidly test the abilities of new drugs.

The link may also help scientists interested in better understanding the food chain in marine ecosystems, in which coelenterazine is a widespread component.



Piwnica-Worms

## Thyroid cancer study simplifies follow-up exams

By MICHAEL C. PURDY

An unpleasant postoperative procedure for thyroid cancer patients who have had their thyroid glands removed may be unnecessary for some patients, according to a new study by School of Medicine and Siteman Cancer Center researchers.

Physicians have long assumed that early follow-up scans for residual or recurrent thyroid cancer are only possible when patients have been through six weeks of a weaker thyroid medication and two to three weeks of no thyroid medication.

Withdrawal from medication leads patients' bodies to produce their own thyroid-stimulating hormone (TSH), and exposure to sufficiently high levels of TSH creates an increased thirst for iodine in any remaining thyroid cells.

Scientists can then give patients small doses of radioactive iodine that will be taken up by the cells.

In a study published in the April issue of *The Journal of Nuclear Medicine*, University scientists report that simply taking patients off thyroid medication for two weeks prior to the scan produces the desired changes in nearly 90 percent of patients.

"When patients are taken off thyroid medication, they get tired, gain weight and just generally don't feel very good," said lead investigator Perry W. Grigsby, M.D., professor of radiology and of radiation oncology.

"We don't want patients to feel bad, so we want them to be off medication for as short a time as possible."

Physicians diagnose an estimated 14,000 new cases of thyroid cancer each year, with women developing it at rates two to three times those of men.

Located in the neck, the thyroid gland regulates metabolism through the production of thyroid hormone, which affects cell activity levels throughout the body.

Treatment of a cancerous thyroid generally begins with removal of the gland. To compensate, patients take thyroid medication for the rest of their lives.

In early postoperative scans, increased risk of recurrent or residual tumors limits physicians' options for preparing patients for those scans, according to Grigsby.



Grigsby

"The classic procedure is to put the patient on a weaker thyroid medication for six weeks and then take them off medication entirely for two to three weeks," Grigsby said.

A weaker dose lets scientists detect the cells; a stronger dose kills them.

For the study, Grigsby and his colleagues closely monitored the TSH levels in nearly 300 thyroid cancer patients whose thyroids had been removed and who were not taking medication.

Some of the patients were just out of surgery and hadn't yet started taking the hormone; others were taken off the hormone without the standard six-week period on the weaker form of the drug.

Researchers found that 89 percent of the group had achieved the TSH level needed for postoperative imaging in one to two weeks. By the third week, 96 percent were at or beyond the desired level.

"We don't seem to need six weeks on the less-effective medication," Grigsby said.

"That approach appears to have originated as someone's best guess as to what we needed to do to prepare patients for scans, and no one ever questioned it. But now we know we can do it in a way that is simpler, quicker and, above all, easier on patients."

Grigsby noted that the introduction of recombinant human thyroid-stimulating hormone (rhTSH) five years ago greatly reduced the need to take patients off thyroid medication for later follow-up scans.

The body responds to rhTSH in the same way it responds to cessation of thyroid medication, making it possible for scientists to scan for cancer cells.

However, rhTSH can also complicate and delay treatment of tumors, so physicians generally do not use it in the earliest postoperative scans, when odds of finding tumors again are highest.

### Farmer to speak at annual Peggy Sansone Memorial Lecture

Anne Elizabeth Farmer, M.D., professor of psychiatric nosology at the Institute of Psychiatry in London, will speak on "Bad Luck and Sadness Genes in Depression" at the Peggy Sansone Memorial Lecture.

The lecture will be held at 9 a.m. April 6 in Clopton Auditorium.



# Sports

## Softball team moves to record 21-0

The softball team posted five wins to improve to 21-0. Washington U. swept a doubleheader with the University of Wisconsin-Stevens Point March 24 at WUSTL Field, then won three games in the 4th Annual Lee's Sports Midwest Region Invitational.

Freshman Laurel Sagartz and sophomore Ashley Johnson combined to throw the first no-hitter in school history in the first game against UWSP as Washington U. posted an 8-0 win in five innings. Sagartz pitched four innings, striking out nine batters, while Johnson pitched the final inning, striking out two and walking one.

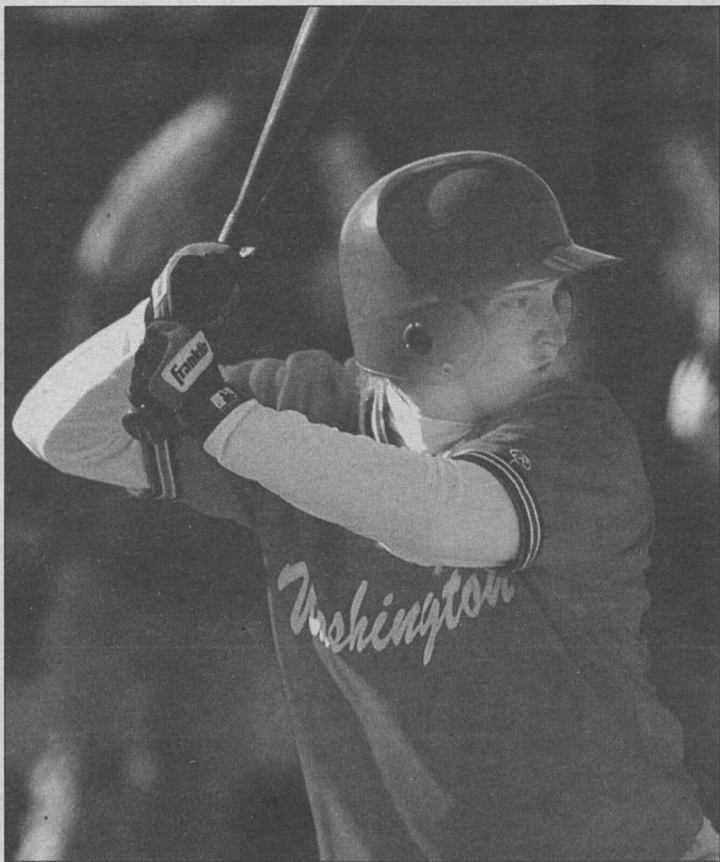
In game two, Washington U. rallied from a 2-1 deficit in the bottom of the sixth inning to post a 3-2 victory against the Pointers. Liz Swary singled in the first inning to become the school's all-time hits leader with 133.

On March 27, the Bears swept Fontbonne University and Blackburn College, 3-2 and 8-0. Johnson and senior Lorri Fehlker combined to throw another no-hitter in the win against Blackburn.

On March 28, the Bears scored six runs in the top of the seventh inning en route to a 7-0 win against Centre College. Junior Victoria Ramsey moved to 8-0.

## Sports shorts

The **baseball** team went 2-0 to improve to 11-10. The Bears defeated MacMurray College 10-8 on March 25 at Kelly Field, giving the Bears their first three-game winning streak of the season. Senior Ryan Argo went 3-for-4 and smashed a pair of home runs over the left-field fence to help the Bears survive some muddy playing conditions. Washington U. picked up its first win of the week the day before when it upended Eureka College,



FILE PHOTO

**Junior first baseman Liz Swary was named to the all-University Athletic Association team for the second time in her career in late March, after posting a .308 batting average with five runs scored and five RBIs in the double round-robin conference tournament. And with a first-inning single against the University of Wisconsin-Stevens Point on March 24, Swary became the University's all-time hits leader with 133.**

## On the Web

For complete sports schedules and results, go to [bearsports.wustl.edu](http://bearsports.wustl.edu).

14-12.

The No. 12 **women's tennis** team improved to 10-2 with a pair of wins. The Bears, winners of their past seven matches, defeated Albion College, 7-2, and Wheaton College, 6-3, on March 27. The Bears won five of the six singles matches against Wheaton to secure the win. WUSTL continued its dominance in singles play, winning all six of the matches against Albion. Junior Sara

Kabakoff continued her winning ways at No. 6 singles, picking up straight-set wins in both matches. Kabakoff is now a team-best 18-0 overall this season, including 12-0 in dual match play.

The No. 7 **men's tennis** team evened its record at 5-5 with a 6-1 win against Rhodes College on March 27. Brian Alvo, Ari Rosenthal, William McMahan, Chris Kuppler and Eric Borden each posted straight-set victories as Washington U. won five of six singles matches. In doubles, WUSTL swept all three matches to claim the doubles point.

## Statue

### University obtained cast at Rhode Island foundry

Capitol in Richmond. This original work, sculpted by Jean-Antoine Houdon from 1785-88, is the only full-length statue made of Washington while he was living.

It is made of Carrara marble, whereas the University's copy will be cast in bronze.

In the middle of the 19th century, Virginia authorized several plaster casts made of the statue. Paul King Foundry Inc. in Johnson, R.I., still had one and had never used it.

The University contacted the

foundry and made a deal to make a cast of the statue.

It presents Washington standing tall, head uncovered, a cane in his right hand but his sword to one side — representing in device what Washington had expressed in his reply to the address of the General Assembly of Virginia: the subordination of military to civil authority.

Washington's left hand rests on a fasces — a bundle of rods with a projecting ax blade — borne before ancient Roman magistrates as a badge of authority, power and honor.

A plowshare is by Washington's side and represents the nurture of the land in a pre-industrial era.

The original statue was exhibited at the Louvre in Paris

before being shipped to the United States in May 1796.

The Hilltop Campus statue will stand upon a base, which will have an inscription on the front featuring a brief history of the statue; the other three sides will each feature an inscription taken from Washington's first message to Congress in 1790.

The inscriptions are: "... there is nothing which can better deserve your patronage than the promotion of science and literature ..."; "Knowledge is in every country the surest basis of public happiness"; and "... every valuable end of government is best answered by the enlightened confidence of the people and by teaching the people themselves to know and to value their own rights. ..."

## Poet Laureate Glück to be featured in pair of events

U.S. Poet Laureate Louise Glück will present a talk on poetry at 8 p.m. April 6 and will read from her work at 8 p.m. April 8 as part of the Spring Reading Series 2004, offered by The Writing Program and the Department of English, both in Arts & Sciences.

Both events are free and open to the public and will take place in Hurst Lounge, Duncker Hall, Room 201.

Glück, writer-in-residence at Yale University, is the author of eight books of poems, including most recently *The Seven Ages* in 2001. She was awarded the National Book Critic's Circle Award in 1985 for *The Triumph of Achilles*, and in 1992 she received a Pulitzer Prize for *The Wild Iris*.

Glück has received a Bollingen Prize for Poetry as well as the Lannan Literary Award for Poetry. In addition, she has received fellowships from the Guggenheim and Rockefeller foundations.

"In the course of her career, Louise Glück has shaped an unmistakable, authentic voice

whose questing fuses the lyric and the meditative modes," said Carl Phillips, professor of English and of African and Afro-American Studies, both in Arts & Sciences. "The poems themselves, meanwhile, argue persuasively for the epic resonances attached to a life of the mind.

"Glück's are easily among the most essential poems being written today — original from the start, and built

to last." Glück was appointed poet laureate in 2003. For the week she is at the University, she serves as the Fannie Hurst Professor of Creative Literature.

A book-signing and reception will immediately follow the first event, with copies of Glück's books available for purchase. For more information, call 935-7130.



Glück

## Intolerance & prejudice explored in forum today

BY GERRY EVERDING

What are the origins of intolerance and prejudice? How are intolerance and prejudice similar, and how are they different?

Are there certain people who are more intolerant or more prejudiced than others? How can the social problem of intolerance and prejudice be solved?

These are among the questions to be addressed by a panel of international scholars as part of an interdisciplinary forum on "Intolerance and Prejudice" from 4-6 p.m. today in the Arts & Sciences Laboratory Science Building, Room 300.

Chancellor Mark S. Wrighton will provide opening remarks for the forum, which is free and open to the public. The audience will be encouraged to participate in an open dialogue with panelists.

The forum is being organized by Alan Lambert, Ph.D., professor of psychology, and James L. Gibson, Ph.D., the Sidney W. Souers Professor of Government, both in Arts & Sciences, as part of a University's Initiative for Interdisciplinary Teaching and Research Grant.

Gibson and Lambert are co-teaching a psychology course on "Intolerance and Prejudice" this semester. The forum provides students with an opportunity to inter-

act with key opinion leaders on the topic.

Forum organizers suggest that the need to know more about intolerance and prejudice is likely to loom especially large for social scientists in the United States, as the country shows rapid movement toward an increasingly multicultural society.

"Fundamental questions about intolerance and prejudice remain unresolved," Lambert said. "In this forum, we will discuss these and other matters from an interdisciplinary perspective, considering how theory and research in political science, psychology and sociology can lead to a greater understanding of these important issues for the evolution of democracy within a multicultural context."

Gibson, who works on problems of political intolerance throughout the world, agreed.

"Intolerance and prejudice are two of the greatest threats to democracy in the world today," Gibson said, "and only by harnessing the best tools and minds of the various social science disciplines can headway be made in overcoming intolerance and prejudice."

For more information, call Laura Nesse at 935-8578.

## Campus Watch

The following incidents were reported to University Police **March 24-30**. 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).

### March 24

9:30 a.m. — An employee reported that someone attempted to enter his car, which was parked on the second level of the Wohl Parking Garage. A screwdriver had been wedged under the passenger door lock, but entry into the car had apparently not been gained.

### March 26

10:58 a.m. — A student reported she saw an individual in an adjacent shower stall looking over the edge of the stall at her in Liggett Residence Hall. Also, the "men's" and "women's" signs on the doors had been switched earlier in the morning. A similar report was made at 5:27 p.m. March 28,

when a student reported she saw someone looking at her from the shower area while she was at the sink in the women's bathroom.

7:47 p.m. — A University student and store owner reported that unknown person(s) entered the video store in Nemerov Residence Hall and took a Sony Playstation2 and the cash box, which was in an insecure drawer behind the counter. There were no signs of forced entry.

Additionally, University Police responded to four reports of larceny, and one report each of property damage, hazing, fraudulent use of a credit card and auto accident.

## Wednesday, April 7

4 p.m. Men's Tennis vs. U. of Mo.-St. Louis. Tao Tennis Center. 935-4705.

## Friday, April 9

4 p.m. Softball vs. Westminster College. WUSTL Field. 935-4705.

## Tuesday, April 13

4 p.m. Women's Tennis vs. McKendree College. Tao Tennis Center. 935-4705.

## Wednesday, April 14

4 p.m. Men's Tennis vs. McKendree College. Tao Tennis Center. 935-4705.

## Worship

### Sunday, April 4

11 a.m. & 9 p.m. Catholic Palm Sunday Mass. Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

### Thursday, April 8

7 p.m. Catholic Holy Thursday Mass. Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

### Friday, April 9

7 p.m. Catholic Good Friday Service. Graham Chapel. 935-9191.

### Saturday, April 10

7:30 p.m. Catholic Holy Saturday Easter Vigil Mass. Graham Chapel. 935-9191.

### Sunday, April 11

11 a.m. Catholic Easter Sunday Mass. Graham Chapel. 935-9191.

## And more...

### Friday, April 2

4 p.m.-6 p.m. Graduate Student Research Symposium. (Also 1 p.m.-4 p.m. April 3) Uncas A. Whitaker Hall. 935-7355.

### Tuesday, April 6

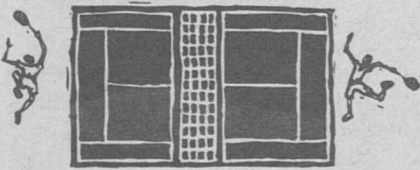
8 p.m. Writing Program Reading Series Discussion. Louise Glück, U.S. poet laureate. Duncker Hall, Rm. 201, Hurst Lounge. 935-7130.

### Thursday, April 8

8 p.m. Writing Program Reading Series. Louise Glück, U.S. poet laureate. Duncker Hall, Rm. 201, Hurst Lounge. 935-7130.

### Wednesday, April 14

1:30-3:30 p.m. Academic Publishing Services Workshop. "Preparing Manuscripts for Publication." Ruth Kaufman, member, American Medical Writers Assn. Cost: \$50. Moore Aud., 660 S. Euclid Ave. To register: 362-4181.



## Choreographers showcase April 2-4

The Performing Arts Department in Arts & Sciences will present a "Young Choreographers Showcase" April 2-4 in the Annelise Mertz Dance Studio in Mallinckrodt Student Center.

The lineup will feature an eclectic collection of works by eight student choreographers from the PAD's Dance Program. All works were selected by a jury of dance faculty. Styles include modern, tap and ballet.

Performances will begin at 8 p.m. today, at 2 and 8 p.m. April 3 and at 2 p.m. April 4.

After the 2 p.m. April 3 performance, the PAD will host a

dessert-and-coffee reception for Annelise Mertz, professor emerita of dance, who recently received a 2004 Missouri Arts Award — the state's highest honor for achievement in the arts — for her contributions to arts education. Mertz and Jeffery Matthews, artist-in-residence in the PAD, will read excerpts from her recent book, *The Body Can Speak*.

Tickets — \$12 for the general public and \$8 for seniors, students and WUSTL faculty and staff — are available through the Edison Theatre Box Office.

For more information, call 935-6543.

## News Briefs

### Faculty Associates Program seeks volunteers

Faculty members are being sought to join the Faculty Associates Program, sponsored by the Office of Residential Life.

The program is designed to provide opportunities for faculty-student interaction outside the classroom setting. Associates are faculty members who agree to work with resident advisers (RAs) and a floor of about 50 first-year students in a residential college during the academic year.

Working as a team, faculty associates and their RAs can plan activities designed to create a sense of community with floor residents. The program helps to integrate faculty associates into the lives of the students by allowing the associates to share particular interests, both academic and extracurricular, with the residents.

For more information, contact Jill Stratton at [jstratto@wustl.edu](mailto:jstratto@wustl.edu) or 935-7576.

### Retirement investment seminars offered

The Office of Human Resources is offering retirement invest-

ment education seminars for faculty and staff conducted by consultants from TIAA-CREF and the Vanguard Group.

At each session, there will be a discussion of basic investment choices and a review of simple strategies and concepts needed to make sound investment decisions.

Topics are assessing your current financial situation; forming a plan; understanding basic types of investments; and maintaining diversification through asset allocation.

The seminars are:

- April 20 — Hilltop Campus, Simon Hall, Room 109, 9-10:30 a.m.; Medical Campus, McDonnell Medical Sciences Building, Cori Auditorium, 2-3:30 p.m.

- April 21 — Medical Campus, McDonnell Medical Sciences Building, Cori Auditorium, 9-10:30 a.m.; Hilltop Campus, Simon Hall, Room 108, 2-3:30 p.m.

- April 22 — West Campus, Library Conference Center, Room A/B, 9-10:30 a.m. and 1-2:30 p.m.

Reservations are not required. For more information, contact your benefits department.

## Ethics

— from Page 1

"We surveyed the deans of all the schools and found that there was great interest and good advice along the way," he said.

The chancellor's office, Arts & Sciences, the School of Medicine, and the Barnes-Jewish Hospital Foundation and Medical Staff Council provided initial funding for the center. The center is also applying for grant support, working with community beneficiaries and taking private donations.

Stuart D. Yoak, Ph.D., serves as the center's executive officer. Robert E. Wiltenburg, Ph.D., dean of University College in Arts & Sciences, chairs the center's 15-member executive committee, which is made up of senior faculty from across the University. A program committee with faculty from each school also has been

established.

Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts & Sciences, and Larry J. Shapiro, M.D., executive vice chancellor and dean of the medical school, are ex-officio members of the executive committee.

Wiltenburg also believes that the impact of the center will be far-reaching.

"The center will have an important impact not only on faculty work and collaboration but also on undergraduate, graduate and professional education and training," he said.

In the long term, Kodner hopes students and scholars from all over the world will come to the University to participate in the center.

"I also think this is a real opportunity for Washington University to take a leadership role and become the prototype program for other institutions," he said.

## Stella

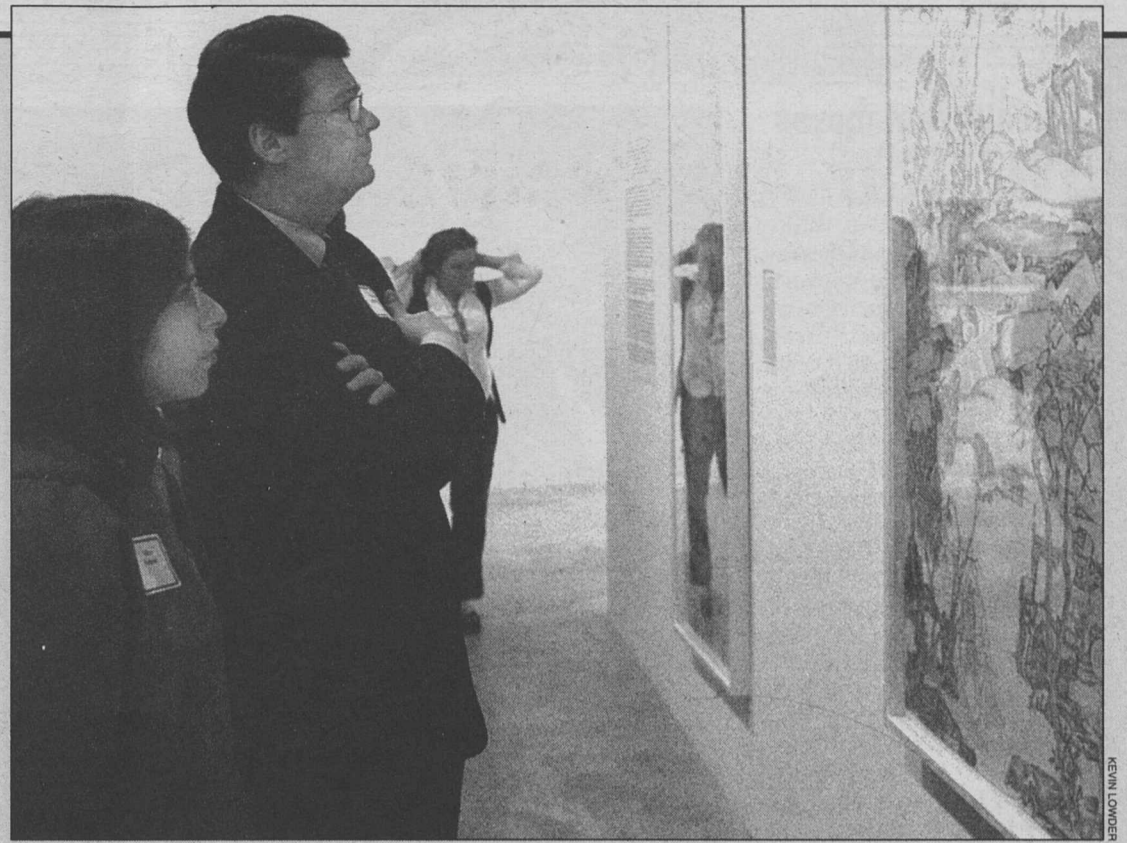
— from Page 2

religious art galleries. A 1971 graduate of the School of Art, she began her career at the Andre Emmerich Gallery in New York before joining Knoedler in 1978 as director of the contemporary art department.

Robert L. Freedman is vice chairman of GVA Worldwide, a New York-based global real estate company. He is a featured speaker in the real estate industry, appearing regularly on networks such as MSNBC, CNBC and FOX as well as in *The New York Times* and *The Wall Street Journal*.

Born in 1936, Stella is one of the world's most prominent contemporary artists and was first recognized in the late 1950s, when his rigorously geometric *Black* paintings established the basis for Minimalism. In the 1960s, he began incorporating shaped canvases into the similarly monochromatic *Aluminum and Copper* series and, in the 1970s and '80s, moved from low-relief collage to increasingly colorful high-relief constructions.

The freely painted *Cones and Pillars* series was inspired by Italo Calvino's book *Italian Folktales* and features shapes and motifs first explored in Stella's *Had Gadya* (1982-84) prints, which the artist based on El Lissitzky's 1918-19 paintings of the same title.



**Pondering art** Freshman Shira Saliman and Vince Schoemehl, former mayor of St. Louis and chief executive officer of the Grand Center, examine artwork at the Contemporary Art Museum of St. Louis. University students and administrators were recently invited to tour the facility and the Pulitzer Foundation for the Arts and listen to several speakers discuss issues facing the St. Louis arts community.

## Blackouts

Also are common among non-alcoholics — from Page 1

part of the Australian Twin Registry, the researchers found that more than 39 percent of women and 52 percent of men reported having a blackout.

They also discovered that more than 11 percent of the women and 20 percent of the men had three or more blackouts in a year.

Because identical twins have identical genes while fraternal twins share about half of the same genes, researchers study twin pairs to learn whether certain traits are inherited, result from shared experiences or occur following environmental experiences that one twin had but the other did not.

To determine whether genetic or environmental factors play a more significant role, researchers compare identical and fraternal twin pairs to see whether a trait is shared more often by the identical twins — with identical DNA — or occurs just as frequently in fraternal twins.

If it's common for both twins to be affected by a trait whether they are identical or fraternal, then researchers assume the trait is related to environmental exposures they might share. However, if something more commonly affects identical twins than fraternal twins, then the assumption is that genes play a substantial role.

Based on those assumptions, structural equations are developed that allow the estimation of genetic and shared environmental contributions to the variance in blackouts seen among the more than 4,500 men and women surveyed.

Using those equations, Nelson's team found that much of the risk for blackouts was genetic. The researchers also found that blackouts were more common in those who were alcohol-dependent.

"Alcoholics certainly have a higher rate of blackouts," he said, "but blackouts also are common among non-alcoholics."

How do genes contribute to risk for blackouts? The study did not address that directly, but Nelson said other research has suggested some targets.

"People who drink on an empty stomach or gulp alcohol have higher rates of blacking out,"

he said. "Therefore, less-efficient variants of genes involved in metabolizing alcohol could predispose people to blackouts."

"We also know that alcohol has effects on systems in the brain that are involved in memory formation, so it is likely that genes whose products are components of those systems may be contributing to the risk for blackouts."

As is the case for alcohol dependence, Nelson said many genes probably contribute to the risk for alcohol-related blackouts.

He also expects there will be overlap between genes that contribute to risk for becoming alcoholic and genes that predispose a person to blackouts.

What's certain is that the more a person drinks, the more likely they are to suffer blackouts or to become alcohol-dependent. Those who reported drinking to intoxication and binge drinking also were more likely to report blackouts.

"If you drink enough, you are likely to either black out or pass out," Nelson said. "It has been reported that individuals who can drink large amounts of alcohol without passing out are predisposed to becoming alcohol-dependent and to having blackouts."

## Carbon

— from Page 1

"Our findings are proof that there is presolar organic material coming into the solar system yet today," Floss said. "This material has been preserved for more than 4.5 billion years, which is the age of the solar system."

"It's amazing that it has survived for so long."

The finding helps in understanding the solar system's formation and the origin of organic matter on Earth. The work was published in a recent issue of *Science* and was supported by NASA grants.

Over the past 20 years, researchers have found isotopic anomalies in nitrogen and hydrogen from IDPs but never before in carbon. Floss said one of the reasons for this was the limitations of earlier instruments.

She and her colleagues used a new type of ion microprobe called the NanoSIMS, which enables researchers to analyze particles at much greater spatial resolution and higher sensitivity than before.

Until recently, ion probes could only measure the average properties of an IDP.

In 2000, with help from NASA and the National Science Foundation, the University bought the first commercially available NanoSIMS. Made by Cameca in Paris, the NanoSIMS can resolve particles as small as 100 nanometers in diameter. A hundred thousand such particles side-by-side would make a centimeter.

Typical sub-grains in IDPs range from 100-500 nanometers.

"The question has always been: Why don't we see any unusual carbon isotopic compositions?" Floss said. "The thinking was if the nitrogen and hydrogen isotopic anomalies are formed in the same regions of space, it was logical to expect unusual carbon isotopic compositions as well."

"One school of thought was that there were different fractionation processes with carbon in opposite directions that canceled out any anomalies produced."

"Another possibility was that the nitrogen and hydrogen might have been produced in phases that weren't originally organic — that the organic material itself was formed in the solar system and basically inherited the hydrogen and nitrogen isotopic compositions from some precursor material."

"But our isotopic analysis shows that the organic material was formed before the solar system existed and was later incorporated into the IDP."

Floss and Frank Stadermann, Ph.D., senior research scientist in physics, worked with colleagues at Lawrence Livermore National Laboratory in drawing their conclusions.

"A lot of IDPs come from comets," Floss said. "It makes sense that organic material would be preserved in a very cold environment, such as where comets form at the edge of the solar system. For something to stay this pristine and primitive, one can assume that it came from that kind of environment."

Floss said it's estimated that, over a million years, about a centimeter of carbonaceous material comes into the atmosphere in the form of such cosmic dust. A significant amount of that material may be presolar in origin.

Floss said her work builds on the pioneering work of the late Robert M. Walker, Ph.D., professor of physics. Walker was instrumental in the acquisition of the NanoSIMS and in the 1980s made landmark studies verifying the extraterrestrial origin of such stratospheric dust particles.

## Notables

# School of Architecture to honor distinguished alumni April 8

BY LIAM OTTEN

The School of Architecture will honor five outstanding alumni at its 11th annual Distinguished Alumni Awards Dinner April 8 at the Lindell Pavilion in Forest Park.

The awards recognize architecture graduates who have demonstrated exceptional creativity, innovation, leadership and vision through their contributions to both the profession and the school.

"One of the true measures of the quality of an academic institution is the professional attainment of its alumni," architecture Dean Cynthia Weese said. "By this measure, Washington University's School of Architecture ranks extremely high. Our alumni have had remarkable careers, achieving success in a wide range of endeavors."

In addition, **Leslie J. Laskey**, professor emeritus of architecture, will receive the 2004 Dean's Medal in recognition of his exceptional dedication and advocacy on behalf of the school.

Laskey trained generations of students in a career spanning five decades. As a young man, he studied at the Institute of Design in Chicago (now the Illinois Institute of Technology) with founder and American Bauhaus pioneer László Moholy-Nagy.

Laskey came to the School of Architecture in 1956 and soon was charged with developing the basic design program. In 1982, he received the Washington University Distinguished Faculty Award, and in 1986 he received a Distinguished Professor Award

from the Association of Collegiate Schools of Architecture.

Named emeritus in 1987, Laskey remains a prolific painter and printmaker, dividing his time between St. Louis and a second home in Manistee, Mich.

### Distinguished Alumni Award recipients

**Stephen N. Abend** (1962) is president and principal-in-charge of design for ASAI Architecture, a full-service architectural firm based in Kansas City, Mo., that is nationally recognized for design excellence.

Under his leadership, ASAI Architecture has received more than 150 major awards for architecture, urban design, interior design and planning. Its work has been featured in every major American architecture and interior design journal, as well as in numerous books.

**Alan E. Goldberg** (1954), of New Canaan, Conn., began his career in New York working on a number of important buildings, including the Seagram's Building. In 1966, he joined Eliot Noyes & Associates; he was named head of the firm's architectural practice in 1972 and became a partner in 1974.

In 1977, he became sole principal under the firm's new name, AG/ENA. His leadership in design and design management is evident in a remarkably wide range of projects for major clients, including IBM and Mobil Oil.

**Aseem Inam** (1992) is assistant professor of urban planning at the University of Michigan's Taubman College of Architecture and Urban Planning. Inam has

written widely on urban design issues for numerous journals and professional publications.

His research includes studies on "Developer-Planner Interaction in Transportation and Land Use Sustainability" (2000) and "Transportation and Land Use Innovation: Impacts on Household Residential Choice" (1999).

**Jack L. Nasar**, Ph.D. (1969), is professor of city and regional planning at Ohio State University's Austin E. Knowlton School of Architecture, where he also

edits the *Journal of Planning Literature*.

He is a foremost expert in the field of environmental aesthetics — a field he helped establish with the book *Environmental Aesthetics: Theory, Research and Applications* (1988). His most recent books are *Design by Competition: Making Design Competition Work* (1999) and *The Evaluative Image of the City* (1998).

**Laurent J. Torno Jr.** (1962) is principal of Laurent Jean Torno Jr. & Associates, a St. Louis-based

architecture firm specializing in historic preservation and adaptive reuse.

Torno has worked on many high-profile public renovations, including the Saint Louis Art Museum's Decorative Arts Period Rooms restorations; the Mark Twain Museum, Huckleberry Finn House and Becky Thatcher House, all in Hannibal, Mo.; the Log Cabin Club; the Boone Valley Golf Club; and the Forest Park Boathouse.

For more information, contact Aly Abrams at 935-7223 or [aly.abrams@wustl.edu](mailto:aly.abrams@wustl.edu).

## Weinrich is new director of planned giving

BY BARBARA REA

**Mark Weinrich**, formerly a planned giving officer in Special Development Programs, has been promoted to director of planned giving.

He succeeds Paul Schoon, who retired from that position after 18 years.

"We are fortunate to have Mark leading this important department within Alumni & Development Programs," said David T. Blasingame, vice chancellor for alumni & development programs. "With his rich experience in planned giving and his established track record at Washington University, I expect a very smooth transition from the able leadership of Paul Schoon. "The University owes Paul a

debt of gratitude for his contributions to the success it is enjoying today."

As the director of planned giving, Weinrich is responsible for overseeing the unit that assists donors in completing gifts through estates and life-income plans that provide income for life and tax benefits. His unit also serves as a resource for other development staff members assisting donors in completing gifts that may require special planning to complement their financial and philanthropic plans.



Weinrich

Weinrich joined the University in September 2002 after 19 years with The Lutheran Church — Missouri Synod, where he served in several positions in its planned giving office. In 2000, he became senior director of its World Mission Support, responsible for all aspects of fund-raising and the development and implementation of a \$100 million, five-year campaign. Prior to his career in development, he was a teacher.

Weinrich earned a bachelor's degree in education from Concordia University in Seward, Neb., and a master's degree from Concordia University in River Forest, Ill. Among his professional associations are the National Committee on Planned Giving and the Association of Lutheran Development Executives.

## Khinduka to receive Family Support Network's Guardian Angel award

**Family Support Network** (FSN), a nonprofit agency dedicated to strengthening families through the prevention of child abuse and neglect, has named Shanti K. Khinduka the recipient of its 2004 Guardian Angel award.

Khinduka, Ph.D., is dean of the George Warren Brown School of Social Work and the George Warren Brown Distinguished University Professor.

The award will be presented at the "Every Child Needs a Hero" Gala at the Missouri Athletic

Club April 17.

FSN Executive Director Dorothy Heltibrand said Khinduka was the obvious choice for the award, given his history at Washington University.

"We are delighted to be presenting this award to Shanti Khinduka for his nearly 30 years of service to Washington University and the St. Louis community," Heltibrand said.

"He has been the impetus for innovative and effective programs at the George Warren Brown School of Social Work,

which has graduated thousands of social workers who have played significant roles in saving children from injury and maltreatment."

Since 1982, FSN has focused on strengthening children and their parents by providing family therapy free of charge. Services are provided in families' homes and in schools for six to 12 months.

For more information about FSN or the gala, contact Lynn Frost at 963-1450 or [lfrost@familysupportnet.org](mailto:lfrost@familysupportnet.org).

## Obituaries

### Perlstein, 82

BY JESSICA MARTIN

**Evelyn Puiro Perlstein**, associate professor emeritus of social work, died Sunday, March 14, 2004, of complications from cancer at Wexner Heritage Village in Columbus, Ohio. She was 82.

Perlstein, an alumna of the George Warren Brown School of Social Work, taught at the school for more than 30 years. She retired as associate professor emeritus in 1986.

Perlstein also served as the coordinator of the family therapy specialization at GWB from 1982-86.

Prior to joining the GWB faculty, Perlstein served as a social worker for the Child Welfare Services of St. Louis County.

After retiring from the University, she worked as a private therapist until she was 80. Her practice focused on family, couple and individual therapy.

In 1994, Perlstein received an outstanding alumni award from the GWB.

A celebration of her life will be held in St. Louis at a later date.

Among her survivors are her son, Alan Perlstein; and three grandchildren.

### Harrison, 97

**Stanley L. Harrison**, a medical technician in the pathology department and a teacher in the School of Medicine from 1934-1941, died Sunday, March 14, 2004, at Meadow Lakes Presbyterian Home in New Jersey. He was 97.

## Scholars

— from Page 1

Scholars for the 2004-05 school year, who already have been identified.

"Looking back, we are very proud of the accomplishments we have encouraged through our support of the Ervin Scholars Program," Chancellor Mark S. Wrighton said. "The students we have attracted to the University as Ervin Scholars have been outstanding and have made important contributions to our community while obtaining a great education.

"Those who have graduated have distinguished themselves as they have taken up graduate or professional degree programs or have started their independent careers. These highly talented and well-educated men and women are enriching our world, and we are grateful to them for their continuing engagement with Washington University as distinguished alumni.

"Our current Ervin Scholars will continue to receive our support and encouragement as they complete their degree programs with us. Looking forward, the successes we have realized with the Ervin Scholars Program reaffirms our conviction that a

diverse community is a stronger community. We will continue our efforts to strengthen our quality by recruiting a talented and diverse student body."

Explaining the reason for the revision, James E. McLeod, vice chancellor for students, noted, "Given the Supreme Court's decision last year involving the University of Michigan's undergraduate admissions program and other legal developments, and in light of guidance we have recently received from the Department of Education, we believe it is no longer possible for Washington University to lawfully operate this scholarship program on a race-exclusive basis.

"The law has, in that respect, evolved since 1994, when the Department of Education issued the enforcement policy guidance to which we tried to conform the Ervin Program. As a result, we

have confirmed to the government that we will modify the Ervin Scholars Program."

McLeod, who also is dean of the College of Arts & Sciences, added, "We are confident that the Ervin Scholars Program will remain a nationally pre-eminent program, and one that continues to foster and enhance the overall quality and diversity of the University's student body in a way that honors the legacy of John B. Ervin."

In announcing this change, Washington University joins a large number of colleges and universities across the nation, including Harvard, Princeton, Massachusetts Institute of Technology, Yale, Johns Hopkins, Stanford, the University of Michigan, Saint Louis University and many others that have said they are revising eligibility guidelines for programs previously open only to minorities.

## For the Record

**T.J. Tarn**, Ph.D., professor of electrical and systems engineering, has received a three-year, \$48,888 grant from the National Science Foundation in support of group travel to International Advanced Robotics Programme workshops. ...

**Richard L. Axelbaum**, Ph.D., associate professor of mechanical engineering, has received a four-year, \$396,215 grant from NASA for his study "Flame Design: A Novel Approach to Clean Efficient Diffusion Flames."

## Record

Founded in 1905  
Washington University community news

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### Where to send address changes

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Washington University, Campus Box 1070,  
One Brookings Drive, St. Louis, MO 63130.

Employees Office of Human Resources,  
Washington University, Campus Box 1184,  
One Brookings Drive, St. Louis, MO 63130.



## Washington People

**S**o just how does a person with a background in music come to play a role in helping determine who attends the University?

For John A. Berg, associate vice chancellor for undergraduate admissions, it was a circuitous route indeed.

Born in New York but raised in St. Louis, Berg headed back east to pursue higher education, even though both of his parents were Washington University graduates. He ended up attending Tufts University in Boston, where he launched his music career with an internship in the New York Philharmonic's administrative offices.

After graduating in 1975, he worked for two years as the first paid director of a community arts and cultural council in upstate



**John A. Berg, associate vice chancellor for undergraduate admissions, and Nanette H. Tarbouni, director of undergraduate admissions, review reports for the upcoming class of freshmen. "John Berg is an amazing colleague," Tarbouni says. "He is the consummate professional and cares about each and every person he works with. He has incredible wisdom about people, is a wonderful problem-solver and thinks carefully about all aspects of challenging situations."**

# Orchestrating the admissions process

John A. Berg is 'dedicated, creative and exceptionally effective'

By ANDY CLENDENNEN

New York.

After earning a master of business administration degree from the Wharton School of the University of Pennsylvania in 1979, he continued with his career on the business side of music by serving as general manager of the Savannah (Ga.) Symphony Orchestra, and then as finance director of the National Symphony Orchestra in the Kennedy Center for the Performing Arts in Washington, D.C.

But then, strangely enough, St. Louis came into the picture — against everything Berg had told himself when he left for college.

"I never thought I'd move back to St. Louis," Berg recalled. "I remember the day I got on the plane (for the interview) — I lived in Washington, D.C., at the time — I said to my wife, who is from Foxboro (Mass.), 'Don't worry, this will never happen.'

"My wife grew up close to the ocean, and she said, 'I don't want to live anywhere there isn't water.' Thankfully, the Mississippi is very near campus, I said, and it's just like being near the Atlantic Ocean!

"She wasn't fooled, of course, but we have very much enjoyed being in St. Louis and at Washington University. It is a great university in a great city."

Christine Berg, Ph.D., is on the faculty of the Program in Occupational Therapy at the School of Medicine.

Berg started in 1987 as special assistant to Chancellor William H. Danforth, now chancellor emeritus and vice chairman of the Board of Trustees. But it was a joint role, as Berg also helped many of the schools' deans form national councils.

After a few years, Berg became associate vice chancellor for finance, a position in which he oversaw the University's

accounting, auditing and budgeting areas.

Then, 10 years ago, the groundwork was laid for his current position.

"I was asked to help with the admissions area by heading a planning team," he said. "I have always enjoyed everything I have done in my career, but nothing has been more rewarding than coming to work every day and working in the admissions office.

"It has to be the greatest job in the world. No doubt about it."

His enthusiasm for his work clearly shows through, and it rubs off on others, too.

"John Berg is an amazing colleague," said Nanette H. Tarbouni, director of undergraduate admissions. "He is the consummate professional and cares about each and every person he works with. He has incredible wisdom about people, is a wonderful problem-solver and thinks carefully about all aspects of challenging situations.

"He has high expectations of himself and the work that he does, and it makes all of us want to strive to have those same high expectations of ourselves. I have enormous respect for John and have learned so much from him."

Several years ago, Berg also started working with The Career Center, another area he enjoys. In both areas, he says he is fortunate to work with people who care deeply about what they do and how they help students.

In admissions, he and his colleagues help prospective students and their families get to know the University better. In The Career Center, the focus is on current students and their transition to the next step after graduation.

In both areas, Berg said the tone and example has been set by James E. McLeod, vice chancellor for students and dean of the College of Arts & Sciences.

"Jim inspires everyone to do their best and to work for things that are important for our students and for Washington University," Berg said.

Both areas also rely on the help of many University campus partners. Berg said that such help is critical to the success of the effort.

The work doesn't go unnoticed or unappreciated.

"Few realize the impact that John Berg has had on Washington University," Danforth said. "When he took over the under-

graduate admissions office, applications had remained about the same for well over a decade. Then the applications began to rise at the rate of 20 percent per year.

"John has seen to it that the Washington University story has been told honestly and accurately to prospective students and their parents. Each individual has been treated as the special person that he or she is. He has recruited the entire WUSTL family, students, faculty, staff, alumni and parents to be part of his team."

But Berg is quick to point out that anything good that has happened is due to a great team of dedicated colleagues.

"This group can do anything ... anything," he said. "These people are amazing, and they make every day an exciting, new adventure. They are always looking for ways to make things easier or better for students and their families."

Admission to the University is a group endeavor, and Berg feels fortunate to be a part of that group. Volunteers are recruited from across the University, and several departments have helped the admissions office with its various activities and programs.

Berg said, however, that most of the success boils down to one thing: the current students.

A group of students helps as tour guides, hosts, program planners, interviewers, presentation partners and ambassadors for the University.

"The greatest stories about Washington University are the stories that our undergraduates tell about their experiences here," Berg said.

"They talk to visiting students, and their parents talk with family members of prospective students and, right away, Washington University becomes known to a whole new group of potential students and families.

"And the fact that the quality of the undergraduate experience is so high ... that has made the biggest difference in helping to make the University's recruitment effort successful."

Berg pointed out that deans and colleagues in each of the schools, faculty, coaches and individuals campus-wide greatly help, as well.

"I have always said that if you work in the admissions field, this is the only place to work," he said, "because the whole University supports the effort, and that makes it a pleasure."

Chancellor Mark S. Wrighton said, "Washington University has thrived in recent years, owing to the extraordinary effort to attract the interest of the most talented students. The leadership of John Berg in building our team approach to student recruiting has been exceptional.

"John is an individual who is dedicated, creative and exceptionally effective. It is a pleasure to be part of the team he has built to advance Washington University."

The team approach to admissions might be the biggest reason that Berg's job isn't as stressful as one might think. After all, it takes a certain demeanor to help review nearly 20,000 applications every year. One of Berg's greatest joys is meeting with prospective students.

"You can tell when a school or admissions person isn't genuine when you visit," Berg said. "At Washington University, it just isn't that way. You can tell when visitors are having a good experience.

"I have frequently said to visitors that we could close the admissions office here and give every visitor a campus map and say, 'Please walk around campus on your own and talk with our students and faculty,' and they would pick up the same information we give them in the information session. It is so genuine here."

Which, of course, is an ideology promoted by Berg.

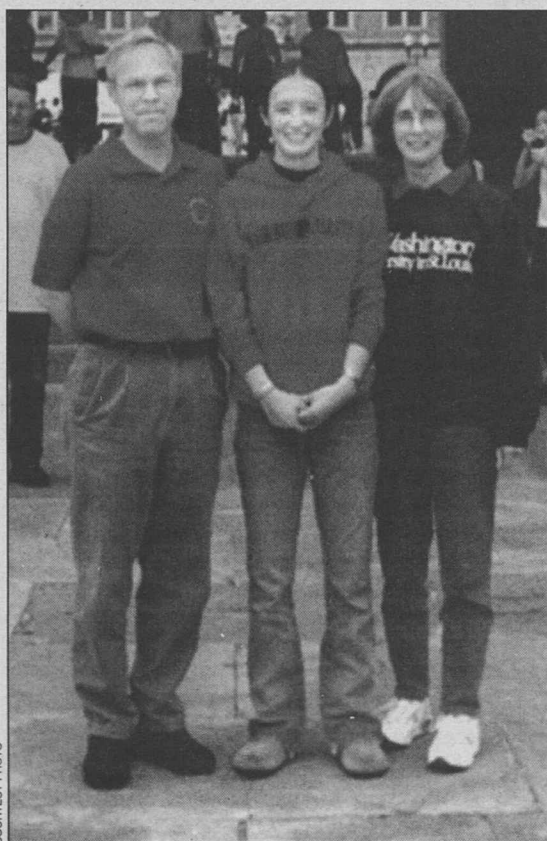
"John is a remarkable individual," Danforth said. "He is honest and direct, he works hard, and he knows admissions better than anyone I have ever known. His judgment could not be better.

"He works always for Washington University and its students, not for John Berg. Thus, he combines character and ability, and I greatly admire him."

### John A. Berg

#### Family ties:

- His mother, Gerry Berg (Saltzman), earned a bachelor's degree from WUSTL.
- His father, Leonard Berg, M.D., earned bachelor's and medical degrees from WUSTL, was a professor of clinical neurology and helped found the Alzheimer's Disease Research Center in 1979. He is now professor emeritus of neurology in the School of Medicine.
- His wife, Christine Berg, who earned a Ph.D. from WUSTL, has been an instructor in the Program in Occupational Therapy at the School of Medicine since 1987.



**John Berg with his wife, Christine, and daughter, Kate, at the University's 150th Birthday Party Sept. 14.**