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Record

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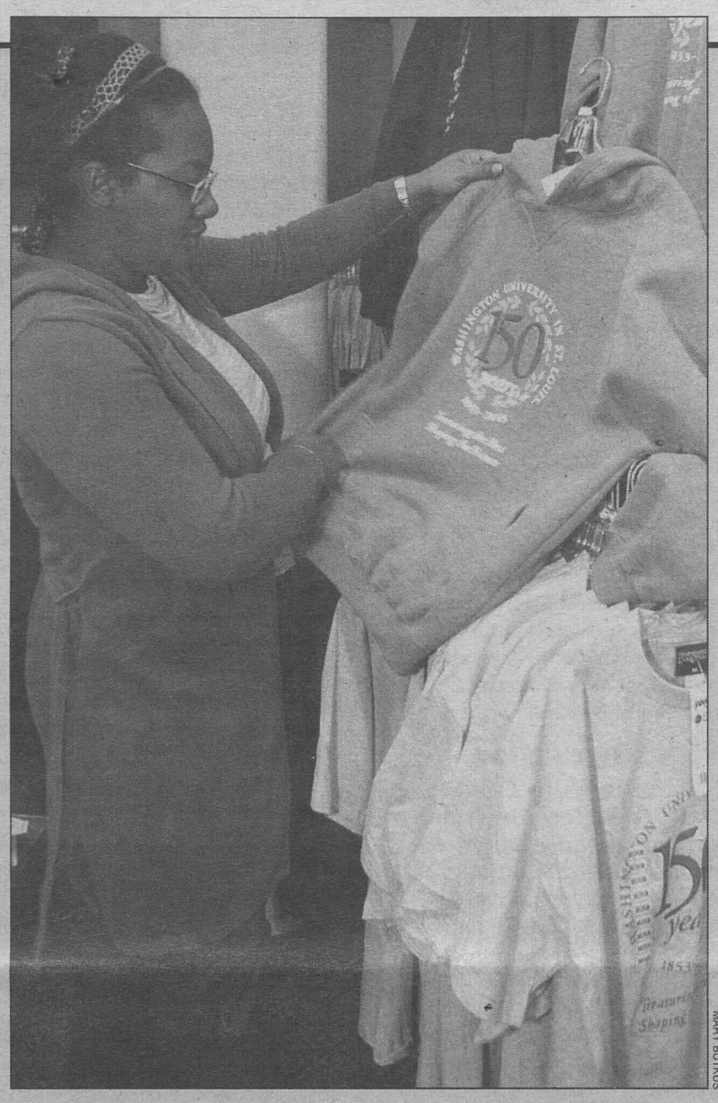


MARY BUTKUS

Wardrobe widening Senior Ketura Baptiste checks out a new crop of apparel at the Campus Store in Mallinckrodt Student Center: 150th anniversary gear. The University will be celebrating its 150th anniversary in 2003-04, and the Campus Store is getting ready, offering T-shirts, sweatshirts, key chains and a host of other items for sale featuring the 150th logo. For more information about the apparel, call the store at 935-5606. For more information about the 150th anniversary, go online to 150.wustl.edu.

142nd Commencement

Albright to address grads

By Susan Killenberg McGinn

Madeleine Albright, former U.S. secretary of state, has been selected to give the 2003 Commencement address, according to Chancellor Mark S. Wrighton.

The University's 142nd Commencement will begin at 8:30 a.m. May 16 in Brookings Quadrangle. During the ceremony, Albright will also receive an honorary doctor of humanities degree.

"We are honored that Madeleine Albright has agreed to be our Commencement speaker as we prepare to begin the celebration of our 150th anniversary year," Wrighton said. "She has made many important contributions to our nation and the world and, especially at this time of political unrest around the world, I know that our graduates and their families will appreciate the opportunity to hear from such a distinguished world leader.

Albright

"She is a perfect example of a person who has used her education and her intellect to make our world a better place, and there is no more important message that we can give our graduates."

President Bill Clinton nominated Albright as secretary of state in December 1996. After being unanimously confirmed by the Senate, she was sworn in as the 64th secretary of state on Jan. 23, 1997, becoming the first female to hold the post and the highest-ranking woman in the history of the U.S. government.

As secretary, Albright reinforced America's alliances and advocated democracy and human rights. She also promoted American trade and business,

See **Albright**, Page 6

Take Our Daughters to Work Day expands

April 24 event will include sons, too

By Barbara Rea

To advance the status of and opportunities for females in the workplace, males need to participate.

That's the premise that drove the Ms. Foundation for Women to change its 10-year-old annual initiative — previously called Take Our Daughters to Work Day — to Take Our Daughters and Sons to Work Day, scheduled for April 24.

Following the lead of the Ms. Foundation, the organization that created the national event, the University will embrace the new initiative called "A New Generation At Work" and extend its invitation for the planned events of April 24 to all 8- to 12-year-old children of faculty and staff.

Fliers with a request form for a registration packet were recently mailed to all faculty and staff members on the Hilltop Campus.

The deadline to request a registration packet is March 24; the program registration deadline is April 7. Because space is limited, participants will be chosen on a first-come, first-served basis.

The day will begin at 8 a.m. in The Gargoyle in Mallinckrodt Student Center and will offer programs beginning at 9 a.m., 10 a.m. and 11 a.m. The program concludes at 1 p.m. after a brown-bag lunch in Umrath Lounge.

"We encourage Hilltop faculty and staff to bring their children to campus for Take Our Daughters and Sons to Work Day," said Lorraine Goffe-Rush, director of employee relations and human resources. "Washington University has a tradition of

See **Children**, Page 6

Web site at your service to perform calcuations

By Tony Fitzpatrick

Whatever you might need to calculate — from refinancing your mortgage to figuring out how long your savings will last during retirement — it will likely help you to find Hugh Chou, system and network administrator at the University, on the Internet.

That's because Chou has a whopping 45 different calculators on his Web site, hughchou.org/calc.

All of the calculators are Chou's inventions, either drawn up from scratch or developed in response to existing Internet calculators.

Folks who come to his site have suggested some calculator ideas to Chou, such as one that shows how much a person saves by giving up daily smoking. Others, such as the one that determines how much you save by brown-bagging lunch, are spinoffs of yet other creations.

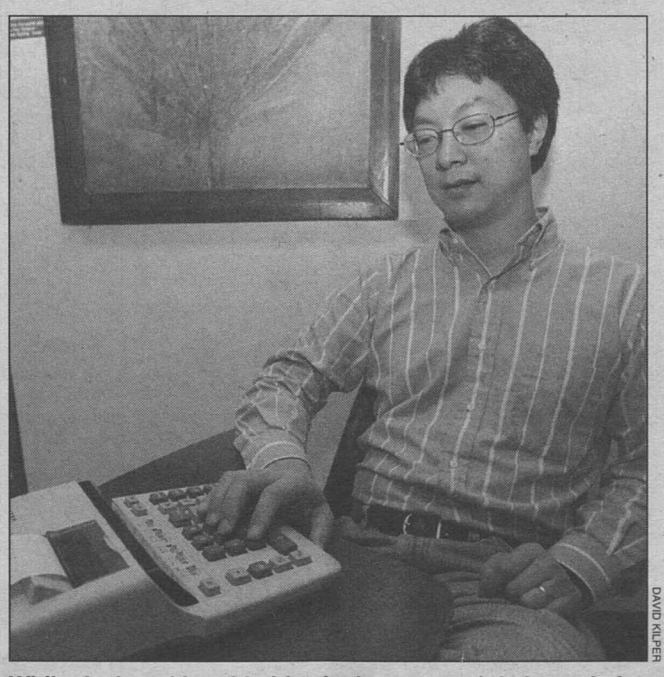
Chou started making his Internet calculators in 1995 when the University's Institute of Biomedical Computing wanted to test its new Web site and he was asked to provide content. But he left the University to work in industry in 1997 and moved the site to interest.com.

Then last year, upon returning to the University and its earth and planetary sciences department in Arts & Sciences, he launched hughchou.org. He kept adding one calculator after another until the total reached the current 45.

Chou is an inveterate calculating person.

"I am always calculating things," he says. "In my previous job, I liked to calculate how much salary was lost in boring budget-planning or 'goals' meetings. Fifteen people at an average of $20 per hour, plus 50 percent for overhead and benefits for two hours. Or, I'd calculate things like the total length of the hair of meeting participants."

The calculator descriptions are marked by Chou's effervescent personality. For example, of his Roth IRA Conversion Calculator, he writes: "My version, and I don't even sell my own mutual funds!"



DAVID KILPER

While desk and hand-held calculators certainly have their place, the Web site of Hugh Chou, system and network administrator at the University, has 45 different calculators designed to compute figures from estate taxes to how much money a person would save by quitting smoking.

The Wealth Calculator uses formulas and discussion from Thomas J. Stanley and William D. Danko's best seller, *The Millionaire Next Door*, to see how comparatively wealthy we actually are.

Another calculator — What's a Million? — allows a user to set a goal of owning a million dollars and then calculates not only how long it will take to achieve the goal, but what the real-dollar value of that million will be with inflation factored in.

There is beauty in simplicity, too. Chou has a calculator

See **Web site**, Page 2

'Virtual' colonoscopy preferred by patients

By Jim Dryden

By surveying patients who were screened for colorectal cancer, investigators at the Alvin J. Siteman Cancer Center at the School of Medicine and Barnes-Jewish Hospital found that most prefer "virtual" colonoscopy to traditional screening, but most had positive appraisals of both.

Patients didn't, however, like the bowel preparation prior to either screening test.

The researchers reported their findings in the March issue of the *American Journal of Gastroenterology*.

"Colorectal cancers are very preventable and treatable," said Stephen L. Ristvedt, Ph.D., assistant professor of medical psychology in psychiatry and lead author of the study. "But many people don't get screened, and we want to understand what the barriers are."

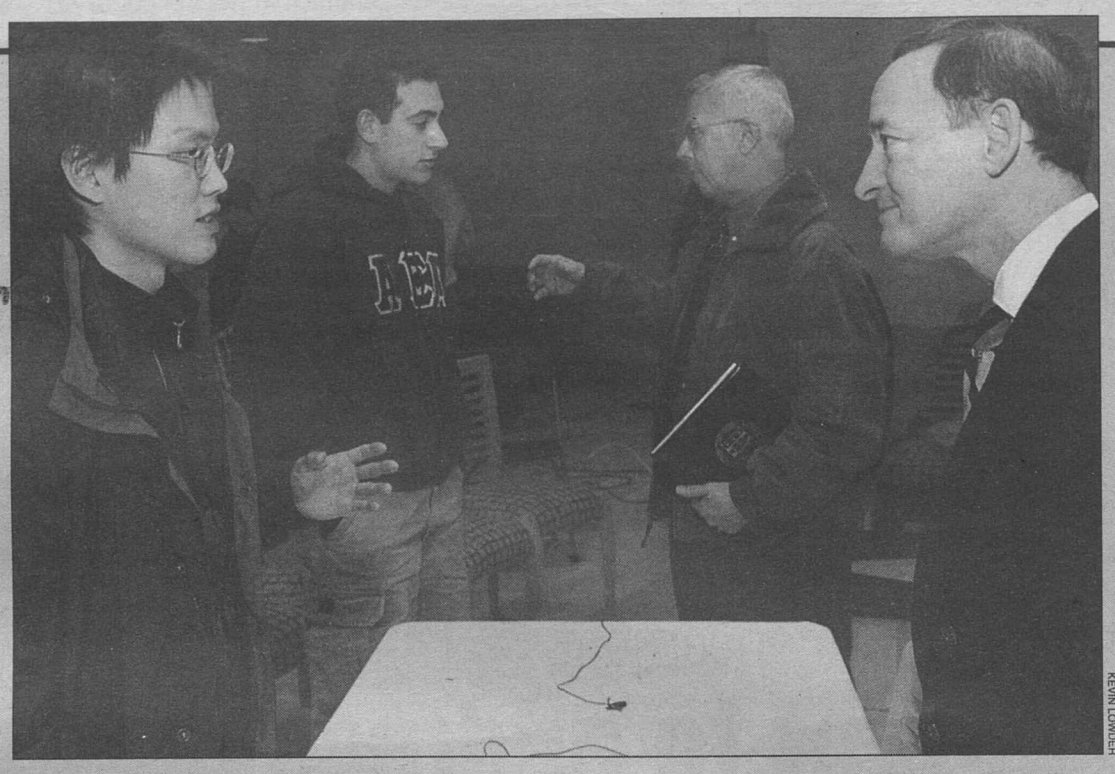
Although about 90 percent of colorectal cancers and deaths are thought to be preventable, colorectal cancer is the second-leading cause of cancer-related deaths in the United States among both men and women. It is more deadly than either prostate cancer or breast cancer and ranks only behind lung cancer in mortality.

Screening tests can identify the disease in its earliest stages when small growths called polyps can be found and removed before they become cancerous. Because there often are no symptoms associated with precancerous polyps, regular screening is key to reducing mortality.

"Colorectal cancer remains a leading cause of cancer-related deaths because patients are reluctant to be screened," said co-investigator Elizabeth G. McFarland, M.D., associate professor of radiology.

During standard colonoscopy, a tiny video camera is

See **Colonoscopy**, Page 3



KEVIN LONDER

Keeping the lines of communication open (From right) Chancellor Mark S. Wrighton and Steven P. Hoffner, assistant vice chancellor for students and director of operations, talk with students (from left) Po-Hsiang Lai and Andrew Mendelson after the recent Chancellor's Forum in Ursa's Café. The forum allowed students to pose questions to Wrighton and several administrators on everything from campus construction to the University phone service and provided a constructive dialogue on major issues of interest to the campus community.

Environmental ethicist Rolston to present annual Witherspoon lecture: 'Genes, Genesis and God'

BY NEIL SCHOENHERR

Holmes Rolston III, widely recognized as the father of environmental ethics as a modern academic discipline, will speak on "Genes, Genesis and God" as he presents the third annual Witherspoon Lecture in Religion and Science at 4 p.m. March 25 in the Arts & Sciences Laboratory Science Building, Room 300.

The next day, Rolston will join Ursula W. Goodenough, Ph.D., professor of biology in Arts & Sciences, for a roundtable discussion at 4 p.m. in McDonnell Hall, Room 212. Their exchange will explore "The Human Relationship to Nature: Are We a Part of Nature or Apart From Nature?"

Rolston, the University Distinguished Professor of Philosophy at Colorado State University, has devoted his career to the development of a philosophical interpretation of the natural world. He is regarded as one of the world's leading scholars on the philosophical, scientific and religious conceptions of nature.

His body of work and his role as a founder of the influential academic journal *Environmental Ethics* have been instrumental in establishing, shaping and defining the modern discipline of environmental philosophy.

Rolston has published widely in his field, including three key books: *Philosophy Gone Wild* (1986), *Environmental Ethics* (1988) and *Conserving Natural Value* (1994). Rolston has also written in philosophy of science and religion more generally, including his 1987 book *Science and Religion: A Critical Survey*.

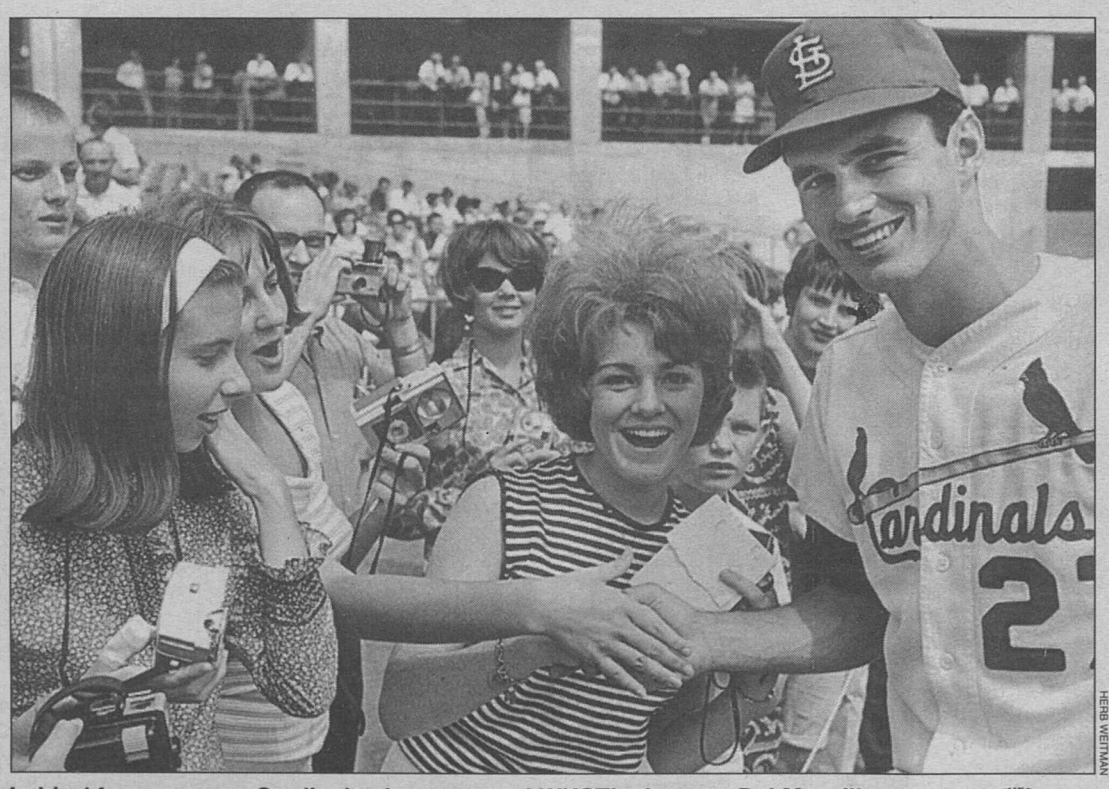
He is associate editor of the journal *Environmental Ethics* and serves on the editorial boards of a number of other journals, including *Environmental Values*.

The Witherspoon Lecture Series was made possible by a grant in 2000 from William Witherspoon, a retired investment banker and a past student and teacher at University College in Arts & Sciences. His gift was motivated by a deep interest in both science and religion.

Rolston's lecture and the roundtable discussion are free and open to the public. The lecture is sponsored by the Religious Studies Program in Arts & Sciences; the roundtable is co-sponsored by the Department of Biology.

For more information, contact Iris Wright at 935-7752 or go on-line to artsci.wustl.edu/~relst/index.

PICTURING OUR PAST



HERB WEITMAN

In his 14-year career, Cardinals shortstop and WUSTL alumnus Dal Maxvill managed to hit just .217. But he was known more for his slick fielding than his potent bat. He won the 1968 National League Gold Glove Award with a .969 fielding percentage, which was slightly lower than his .974 career average. He was an integral part of the Cardinals' success in the 1960s, reaching three World Series with the Redbirds. After his St. Louis career, Maxvill headed west to Oakland, where he played in two more postseasons, including the 1972 World Series. Maxvill is one of just two Bears baseball players to reach The Show. The other, Henry Schmulbach, appeared in one game as a pinch-runner and scored a run for the 1943 St. Louis Browns. Through March 18, this year's Bears baseball team stands at 9-3.

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

Commitment to equal employment reaffirmed

In this memo to the Washington University community, Chancellor Mark S. Wrighton reaffirms the University's commitment to equal opportunity and cultural diversity.

Equal Employment Opportunity

Washington University is committed to the principles and practices of equal employment opportunity and affirmative action. It is our policy to recruit, hire, train and promote persons in all job titles without regard to race, color, age, religion, gender, sexual orientation, national origin, veteran status or disability.

We will base decisions on employment so as to further the principle of equal employment opportunity, and we will ensure that promotion decisions are in accord with the principles of equal employment opportunity by imposing only valid requirements for promotion opportunities.

We will ensure that all personnel actions such as employment, upgrading, rates of pay or other forms of compensation, benefits, demotions, recruitment, advertising, terminations, transfers, layoffs, returns from layoff, selection for university-sponsored training, education, tuition assistance, and social and recreational programs will be administered without regard to race, color, age, religion, gender, sexual orientation, national origin, veteran status or disability.

Affirmative Action

Washington University welcomes applications for employment from women, minorities, veterans, and the disabled at all job levels, and encourages their hire and promotion.

As a government contractor, Washington University is required to establish affirmative action programs for the employment and advancement of women and minorities, Vietnam-era and special disabled veterans, and the disabled. If you are disabled or a Vietnam-era or special disabled veteran and would like to be covered under our affirmative action program, please inform Lorraine A. Goffe-Rush, Director of Employee Relations and Human Resources. This information is voluntary and refusal to provide it will not subject you to discharge or disciplinary treatment.

A disabled individual, for purposes of this program, is defined as any person who has a physical or mental impairment which substantially limits one or more of such person's major life activities, has a record of such impairment, or is regarded as having such impairment. Examples of such "life activities" include communication, ambulation, self-care, socialization, education, vocational training, employment, transportation, and adapting to housing. For purposes of this program, primary attention is given to those life activities that affect employability.

A special disabled veteran, for purposes of this program, is defined as a veteran who is entitled to compensation (or who, but for the receipt of military retired pay, would be entitled to compensation) under laws administered by the Veterans Affairs for a disability which is rated at 30% or more, or rated at 10 or 20%, in the case of a veteran who has been determined under Section 1506 of Title 38, USC to have a serious disability affecting employment; or a person who was discharged or released from active duty because of a service-connected disability.

A Vietnam-era veteran, for purposes of this program, is defined as a person who:

(a) served on active duty for a period of more than 180 days and was discharged or released therefrom with other than a dishonorable discharge, if any part of such active duty occurred (1) in the Republic of Vietnam between February 28, 1961 and May 7, 1975; or (2) between August 5, 1964 and May 7, 1975, in all other cases; or

(b) was discharged or released from active duty for a service-connected disability, if any part of such active duty was performed (1) in the Republic of Vietnam between February 28, 1961 and May 7, 1975; or (2) between August 5, 1964 and May 7, 1975, in all other cases.

Information will be kept confidential, except that supervisors may be informed regarding work restrictions, first aid and safety personnel may be given appropriate information, and government officials investigating compliance shall be informed.

Responsibility and Implementation

It is our firm belief that jobs must be open to all qualified persons, and we are committed to the success of an Affirmative Action Program as an important business goal. Ann B. Prenatt, Executive Director of Human Resources, is the official who has overall responsibility for the University's equal employment opportunity programs. The immediate responsibility for the University's equal employment opportunity programs has been assigned to Lorraine A. Goffe-Rush, Director of Employee Relations and Human Resources. If you are interested in reviewing the Affirmative Action Program or reporting any instance of nonconformity with this policy, please contact Ms. Goffe-Rush.

No employee or applicant will be coerced, intimidated, interfered with or discriminated against for filing a complaint or assisting in an investigation concerning equal employment opportunity.

Mark S. Wrighton

Web site

Performs myriad calculations for users

– from Page 1

that does monthly compounding on a fixed rate and also factors in contributions. The Retirement Payout Calculator shows the fixed payout of an annuity "in a perfect world," Chou writes.

"It takes anywhere from a few hours to many days to develop a calculator," Chou says. "And a number of them are subject to changes along the way. People will point out that some aspect or another is not quite right, and so I'll tweak them here and there."

He estimates that he gets three or four suggestions a week, and he might actually do one or two of them. He also gets roughly a half-dozen messages weekly from Internet fans thanking him for his service. He tries to answer every e-mail but admits he can't always keep up.

Chou takes donations for helping folks with special calculating requests in cyberspace. He then gives the donations to various favorite charities, including Habitat for Humanity, Ronald McDonald House and the Christian Children's Fund.

School of Medicine Update

Intestinal health may depend on novel molecule

BY GILA Z. RECKESS

New data suggests that a novel molecule appears to be involved in the intestine's response to infection.

The study, which appeared in the March 13 issue of the journal *Nature*, was a collaboration between researchers in the School of Medicine and L'Institut Curie in Paris.

"This is the first identified function for this molecule," said co-senior author Susan Gilfillan, Ph.D., research instructor in pathology and immunology. "Our findings suggest that this molecule may play a fundamental role in gut immunology."

When a virus enters the body, proteins called antigens appear on the surface of cells and alert the immune system to infection. A molecule called MR1, which was discovered eight years ago, appears to be very similar to the main category of molecules that deliver antigens to the cell surface, called major histocompatibility complex class I (MHC Class I).

However, its function is not yet understood.

To learn more about MR1, Gilfillan and colleagues developed a strain of mice lacking the molecule. The mice failed to develop a small population of immune cells known as mucosal-associated invariant t cells (MAIT cells).

MAIT cells were just recently discovered by the study's other co-senior author, Olivier Lantz, Ph.D., at L'Institut Curie.

"This is the first identified function for this molecule. Our findings suggest that this molecule may play a fundamental role in gut immunology."

SUSAN GILFILLAN

The current study presents the first extensive characterization of these cells.

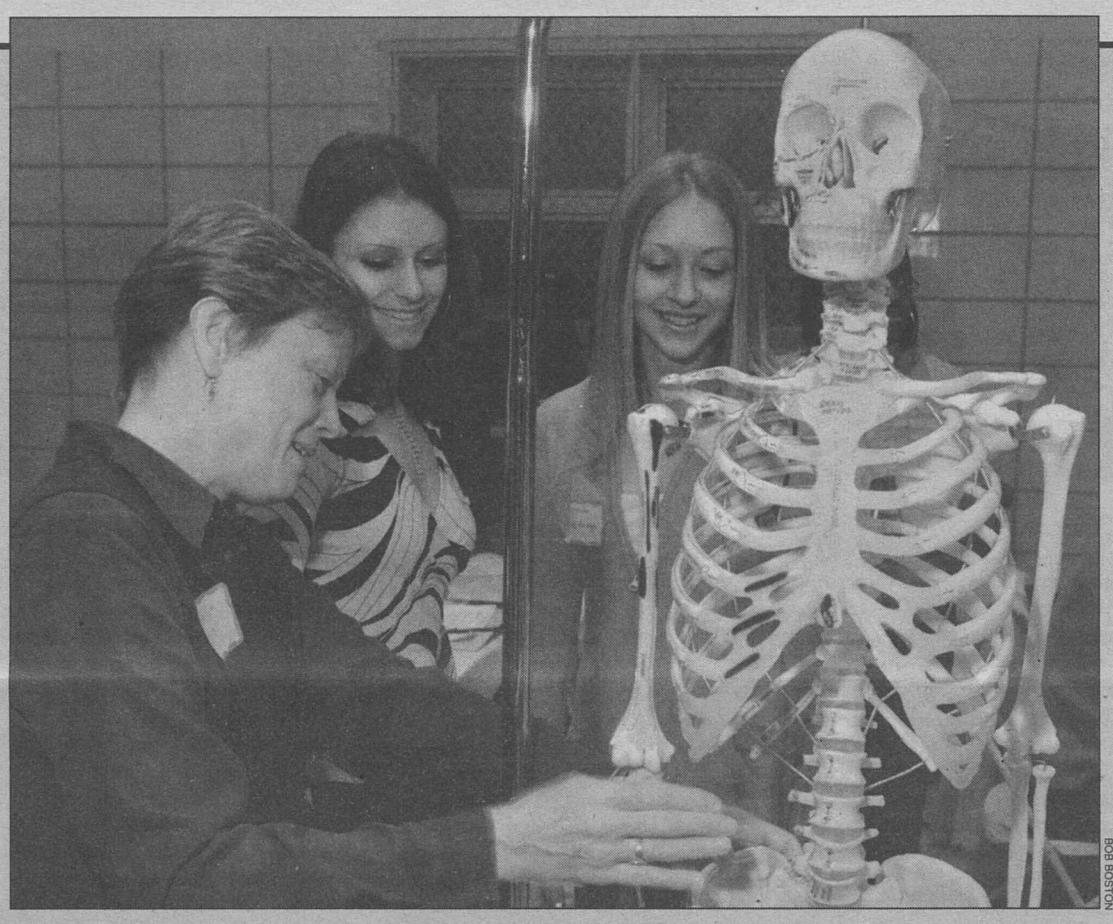
"These results help us begin to understand the function of MR1 and the role of MAIT cells in immunology," Gilfillan said. "Both are found not only in mice but also in humans and other animals, such as cows, which implies that they probably are very important."

The team also discovered that MAIT cells appear to be primarily located in the mucous membrane of the intestine or gut. Moreover, mice lacking bacteria normally found in the gut do not have MAIT cells.

From these results, Gilfillan and her colleagues concluded that MAIT cells rely on both MR1 and intestinal bacteria. In addition, the results imply that MR1 and MAIT cells play a critical role in the intestine's response to infection.

The team plans to continue investigating these interactions and also to explore whether MR1 and MAIT are involved in fighting infections in other organs lined with mucous-producing cells, including the lungs.

"It's possible that MR1 and MAIT cells are involved in a variety of diseases of the gut, particularly those relating to microorganisms that reside in the intestine," Gilfillan said. "We also expect this line of research will be of particular interest for general mucosal immunology and may prove useful in studying other organ systems as well."



BOB BOSTON

Career development (From left) Jennifer S. Stith, Ph.D., assistant professor of neurology and of physical therapy, discusses with Parkway West juniors Monica Datzeva and Kailey Steuber how physical therapists evaluate spinal cord alignment at the annual Health Professions Fair for high-school students last month in Olin Residence Hall. The event is sponsored by the School of Medicine's Office of Diversity Affairs and the Community-Based Resource Office of the St. Louis Public Schools.

Cholesterol reduction is focus of research grant

BY MICHELLE LEAVITT

A four-year, $1 million grant from the National Heart, Lung, and Blood Institute may lead to new tools to prevent accumulation of cholesterol in the body.

A study is being led by Daniel Ory, M.D., assistant professor of medicine.

While accumulation of dietary cholesterol can be deleterious, cholesterol is an essential component of all cells in the body.

"Cells need cholesterol for normal maintenance of membrane integrity," Ory said. "Without it, our cells would die."

The natural mechanisms of the cell work to keep internal levels of cholesterol balanced. If there is too little cholesterol coming into the cell from a person's diet, it will stimulate cholesterol production.

The reverse also is true: If too much is coming in, the cell will activate mechanisms that pump out cholesterol. Then high-density lipoprotein particles, also called "good" cholesterol, pick up excess cholesterol and carry it out of the body.

"The cell has two competing needs," Ory said. "It wants to make sure it has enough cholesterol, but if it has too much it will initiate the expression of genes involved in getting rid of it."

With this grant, Ory's team will continue examining the role of two proteins, Niemann-Pick type C1 (NPC1) and Niemann-Pick type C2 (NPC2), in this delicate balance of cholesterol moderation.

The proteins are named for their role in NPC2 C disease, a condition in which cholesterol inappropriately accumulates within the cell. In 95 percent of these cases, the gene responsible for making NPC1 is deficient; a failure in the gene for NPC2 accounts for the other 5 percent.

Based on the team's previous research, Ory's team thinks these two proteins are part of the internal machinery that manages excess cholesterol.

"Given that heart disease still is the No. 1 cause of death among Americans, there is a need for additional drugs to be developed to deal with excess cholesterol within the cell," Ory said. "We hope that by understanding these pathways better, we can begin to develop new agents to shift the balance toward excretion of cholesterol as opposed to accumulation."

Biological psychiatry is topic of lecture

BY KIMBERLY LEYDIG

Robert H. Belmaker, M.D., the Hoffer-Vickar Professor of Psychiatry at Ben Gurion University of the Negev in Beersheva, Israel, will present "Human Equality and Diversity: Religious Roots and New Molecular Genetic Insights" at the second annual Peggy Sansone Memorial Lecture at 9:15 a.m. April 1 in Clopton Auditorium.

As an international leader of biological psychiatry, Belmaker is known for his findings on the causes and treatments of mood disorders. His recent work has focused on the genetic contributions to differences in personality traits, mood disorders and substance dependence.

The Peggy Sansone Memorial Lectureship — which features topics associated with the prevention and treatment of depression and the role of spirituality in personality development — was established in April 2002 by a gift from the Peggy Sansone Special Angel Foundation, which was founded in honor of Peggy Sansone, the late wife of Anthony F. Sansone Jr.

Colonoscopy

58 percent of patients would prefer CT colonography

– from Page 1

inserted into the colon through the rectum, and physicians can both visualize and remove any growths. Patients are sedated because of the invasive nature of the test.

During virtual colonoscopy, on the other hand, patients remain awake and alert and are asked to hold their breath for 10-20 seconds while computed tomography (CT) images of the colon are taken.

Although the test does not require the insertion of a camera, it does require that air be pumped into the rectum to inflate the colon. Some patients reported that this experience was unpleasant.

Because CT colonography is less invasive than traditional procedures and requires no sedation, McFarland has been leading an effort to compare its accuracy with standard colonoscopy, the current "gold standard" in colorectal screening.

If it proves to be as accurate at detecting polyps, its less-invasive nature might encourage more people to get screened.

The study included 120 patients who underwent a CT colonography followed by a traditional colonoscopy on the same day. Patients completed surveys about the screening tests at three different times: just prior to the CT colonography, between the CT test and the colonoscopy and again two to three days after the procedures.

"We asked what they expected in terms of pain, embarrassment and difficulty," Ristvedt said. "Before the procedures, patients expected more pain with colonoscopy than with CT, but afterward many reported there actually was less pain and embarrassment for colonoscopy because they had been sedated and given pain medications during that procedure."

The team did find, however, that almost 58 percent of patients said they would prefer CT colonography in the future. Seventeen percent said they would rather have a colonoscopy; 34 percent had no preference.

Patients reported little pain, difficulty or embarrassment for either procedure, and most people agreed that the advance bowel preparation required for both procedures was unpleasant.

"Of all of the issues surrounding these tests, bowel preparation seems to be the greatest barrier to compliance for colorectal screening," McFarland said. "That's because patients can't eat what they normally eat, and they have to drink a large volume of a liquid that helps to cleanse their colon."

Some patients said the liquid nauseates them. Others actually lose electrolytes and become weak from the cleansing process. Presently, however, the preparation is essential for both tests.

"There are certain techniques in development that may change that in the future," McFarland said. "But for now, we have to be concerned that colorectal cancer is a leading cause of cancer-related death because of non-compliance with screening.

That's what makes it so tragic because if you detect the disease early, you can prevent it. And right now, regardless of the cause, the fact is that many patients are reluctant to get screened."

BOB BOSTON

Investigators Stephen L. Ristvedt, Ph.D., assistant professor of medical psychology in psychiatry, and Elizabeth G. McFarland, M.D., associate professor of radiology, review patient-response forms.

University Events

PAD celebrates 400th anniversary of *All's Well That Ends Well*

BY LIAM OTTEN

Comedy, according to the old theatrical formulation, ends in marriage, which helps to explain the reputation of *All's Well That Ends Well* as one of William Shakespeare's "problem plays."

Taking marriage as a mere starting point, *All's Well* boasts a dark wit, a thematic complexity and a psychological acuity that turn typical romantic conventions on their heads.

In March and April, the Performing Arts Department in Arts & Sciences will celebrate the 400th anniversary of *All's Well That Ends Well* with a two-weekend run at Edison Theatre. Performances will be at 8 p.m. March 28-29, 2 p.m. March 30, 8 p.m. April 4-5 and 2 p.m. April 6.

All's Well tells the story of Helena (senior Laura Flanagan), the orphaned yet resourceful daughter of a famous physician. As a reward for healing the king of France (senior Nick Choksi), Helena is granted the husband of her choice and selects Bertram (junior Brian Golden), a dashing young nobleman somewhat above her social position.

Bertram consents to the wedding but, shortly thereafter, flees to Italy, declaring that he shall never be a true spouse until Helena obtains the family ring from his finger and becomes pregnant with his child. Yet Helena, still longing for the man she loves, determines to meet these seemingly impossible conditions.

DAVID KILPER

The Performing Arts Department in Arts & Sciences will present William Shakespeare's *All's Well That Ends Well* at Edison Theatre March 28-30 and April 4-6. Pictured are senior Laura Flanagan as Helena and junior Brian Golden as Bertram.

"It's a bit of a fairy tale, but it isn't *Cinderella*," said William Whitaker, PAD senior artist-in-residence, who directs the cast of 20. "Instead of perfect, pretty pictures, Shakespeare gives you all the messy, subjective, terrifying in-between stuff.

"It's a strange journey, fraught from the beginning with betrayal and denial. At the finish, you wonder if things really have ended well.

"It's a very human story," he added. "Every time you think you have someone figured out, they do something to confound your expectations. As one of the soldiers says, 'The web of our life is of a mingled yard, good and ill together.'"

Despite its famous title, *All's Well That Ends Well* has a checkered production history and is seldom performed, especially in the United States.

Though some scholars ascribe this to the play's aggressive heroine and un-sentimentalized (or even cynical) take on love, Whitaker said, "I think it has more to do with the convoluted dramaturgy, the twisting plot, the various, confusing rings the audience has to keep track of. It's almost filmic, jump-cutting as if Shakespeare had thrown unity of time and place out the window."

And so, "with great trepidation," Whitaker trimmed the play by about a fifth, removing "the cryptic text that doesn't drive the plot, the lines that seemed unplayable or material that would lead our audience astray."

Fortunately, Whitaker has been able to rely on feedback from collaborators such as Tony Award-winning actress Jane Lapotaire of Britain's Royal Shakespeare Company, who is a distinguished visiting artist in the PAD.

"Jane's been very helpful," Whitaker said, both through her own readings and in preparing the cast for the intricacies of Shakespearean dialogue. "The distinctions between rhymed couplets and blank verse, how to play the prose — she's teaching them to understand the text in really sophisticated ways and to handle it professionally."

The production also features sophomore Daniel Hirsh as the braggart warrior Parolles, which Harold Bloom called one of Shakespeare's greatest comic roles; senior Miriam White as the wise Countess; junior Janet Silverman as the kindly Widow; and sophomore Judith Lesser as the Widow's virginal daughter Diane, whom Bertram attempts to seduce.

The set design, by senior Caitlin Lainoff, recreates elements of Shakespeare's Globe Theatre in London (where the PAD sponsors an annual summer program).

Costumes are by Bonnie Kruger, senior artist-in-residence. Lighting is by Pete Gilchrist. Choreography is by Christine O'Neal, senior artist-in-residence and director of the Ballet Program. St. Louis actor Mike Monsey provided sword training.

Tickets are $12 — $8 for students, senior citizens and University faculty and staff — and are available at the Edison Theatre Box Office and through all MetroTix outlets. For more information, call 935-6543.

Art of the Essay • StressLESS Work Days • Visual Studies

"University Events" lists a portion of the activities taking place at Washington University March 21-April 3. Visit the Web for expanded calendars for the Hilltop Campus (wustl.edu/calendar) and the School of Medicine (medschool.wustl.edu/calendars.html).

Exhibitions

Contemporary German Art: Recent Acquisitions. Continues through April 20. Gallery of Art. 935-4523.

Contemporary Projects: Arnold Odermatt Photographs. Continues through April 20. Gallery of Art. 935-4523.

Made in France: Art From 1945 to the Present. Continues through April 20. Gallery of Art. 935-4523.

Ten Shades of Green. Continues through April 11. Givens Hall. 935-6200.

Film

Sunday, March 23

1 p.m. French Film Series. *Time Out.* Laurent Cantet, dir. Sponsored by the Program in Film & Media Studies. Brown Hall, Rm. 100. 935-4056.

Lectures

Friday, March 21

9:15 a.m. Pediatric Grand Rounds. "Cystic Fibrosis Related Diabetes." Antoinette Moran, head of pediatric endocrinology, U. of Minn. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell Biology & Physiology Seminar. "How Does a Cell Know When to Die?" Xiaodong Wang, professor of biological chemistry and integrated biology, U. of Texas Southwestern Medical Center. McDonnell Medical Sciences Bldg., Rm. 426. 362-4690.

4 p.m. Anatomy & Neurobiology Seminar. Mriganka Sur, head and Sherman Fairchild Professor of Neuroscience, dept. of brain and cognitive sciences, Mass. Inst. of Technology. McDonnell Medical Sciences Bldg., Rm. 928. 362-7043.

4 p.m. College of Arts & Sciences Lecture. "A Quick Lesson on How to Teach the Bible." David Hadas, prof. of English. January Hall, Rm. 110. 935-8277.

Monday, March 24

Noon. Biomedical Engineering Seminar. "A Novel View of Stimulus Encoding in Auditory Cortex." Dennis Barbour, dept. of biomedical engineering, Johns Hopkins U. McDonnell Medical Sciences Bldg., Rm. 928. 362-7043.

Noon. Neurology & Neurological Surgery Research Seminar. "Excitotoxicity in Models of Parkinson's Disease Progression." Gabriel Alejandro de Erausquin, asst. prof. of psychiatry and neurology. Maternity Bldg., Schwarz Aud. 362-7316.

Noon. Work, Families, & Public Policy Brown Bag Seminar Series. "Do Cigarette Taxes Make Smokers Happier?" Jonathan Gruber, prof. of economics, Mass. Inst. of Technology. Eliot Hall, Rm. 300. 935-4918.

4 p.m. Biology Seminar. "Genes, Jeans, and Genomes: Exploring the Mysteries of Polyploidy in Cotton." Jonathan Wendel, prof. of plant systematics, dept. of botany, Iowa State U. Rebstock Hall, Rm. 322. 935-7569.

4 p.m. Comparative Literature Seminar. "The Power of Language and the Politics of Translation." Ngugi wa Thiong'o, distinguished prof. of humanities and dir. of the International Center of Writing and Translation, U. of Calif., Irvine. Graham Chapel. 935-5170.

4 p.m. Immunology Research Seminar Series. "Regulating TCR Signal Transduction." Arthur Weiss, distinguished visiting prof. of immunology and prof. of medicine, U. of Calif., San Francisco. Eric P. Newman Education Center. 362-2763.

6 p.m. Architecture Monday Night Lecture Series. "Contemporary Architecture and Change: Asia and Africa." Suha Ozkan, secretary general, Aga Khan Foundation, Geneva, Switzerland. (5:30 p.m. reception, Givens Hall.) Steinberg Hall Aud. 935-6200.

Tuesday, March 25

Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series. "Hyperthermophiles in Volcanoes." Jan P. Amend, asst. prof. of earth & planetary sciences. Cori Aud., 4565 McKinley Ave. 362-3692.

4 p.m. Anesthesiology Research Unit Seminar. Yang Dan, assoc. prof. of neurobiology, U. of Calif., Berkeley. Clinical Sciences Research Bldg., Rm. 5550. 362-8560.

4 p.m. Biochemistry & Molecular Biophysics Seminar. "Mechanisms of Damaged-DNA Recognition by DNA Repair Polymerase." Wlodzimierz M. Bujalowski, prof. of human biological chemistry and genetics, U. of Texas. Medical Branch, Galveston. Cori Aud., 4565 McKinley Ave. 362-0261.

4 p.m. Religious Studies Lecture. Annual Witherspoon Lecture in Religion and Science. "Genes, Genesis and God." Holmes Rolston III, University Distinguished Professor of Philosophy, Colo. State U. Laboratory Science Bldg., Rm. 300. 935-7752.

Wednesday, March 26

8 a.m. Obstetrics & Gynecology Grand Rounds. "Fetal Risks of Diabetic Pregnancy." Kari Teramo, dept. of obstetrics & gynecology, U. Central Hospital, Helsinki. Clopton Aud., 4950 Children's Place. 362-1016.

11 a.m. Assembly Series. Women's Week Lecture. Patricia Ireland, former president, National Organization for Women. Co-sponsored by The Woman's Club of Washington University. Graham Chapel. 935-5285.

11 a.m. Public Interest Law Speaker Series. "Colonies, Culture, and Capitalism: The Social Responsibilities of Lawyers in a Neo-liberal Age." Angela P. Harris, distinguished visiting scholar; prof. of law, U. of Calif., Berkeley. Anheuser-Busch Hall, Bryan Cave Moot Courtroom. 935-6414.

4 p.m. Physics Colloquium. "Molecular Gastronomy: What Is It and Why Should a Physicist Care?" Peter Barham, reader in physics, U. of Bristol, U.K. (3:30 p.m. coffee, Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

Thursday, March 27

Noon. Genetics Seminar Series. "Germline Immortality in *C. elegans*." Shawn Ahmed, asst. prof. of biology, U. of N.C. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

1:10 p.m. George Warren Brown School of Social Work Spring Lecture Series. "Welfare Reform 2002." Miriam Abramovitz, prof. of social work and social welfare policy, Hunter College. Brown Hall Lounge. 935-4909.

3 p.m. Mechanical Engineering Sesquicentennial Colloquium. "Mechanical Engineering at Washington University 1853-2003." Kenneth L. Jerina, Earl E. and Myrtle E. Walker Professor of Engineering. Cupples II Hall, Rm. 100. 935-6047.

4 p.m. Assembly Series. Congress of the South 40 Lecture. Luis Rodriguez, poet and author. Graham Chapel. 935-5285.

4 p.m. Chemistry Seminar. "Optical, Electronic, and Magnetic Properties of Electro-sodalites." Vojislav Srdanov, assoc. researcher in chemistry, U. of Calif., Santa Barbara. McMillen Lab., Rm. 311. 935-6530.

4 p.m. Neurology Lecture. Annual William M. Landau Lecture. "The History of Discrimination in American Medical Education." Kenneth M. Ludmerer, prof. of medicine and of history. McDonnell Medical Sciences Bldg., Erlanger Aud. 454-6042.

4:45 p.m. Ethics in Families Reading Group Discussion. "Family Relationships and Sexual Identity." Diane Elze, asst. prof. of social work. Goldfarb Hall, Rm. 359. 935-8212.

Friday, March 28

9:15 a.m. Pediatric Grand Rounds. "On Being the Right Size: Understanding the Genetics of Growth Control." Matthew Goldsmith, instructor in pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell Biology & Physiology Seminar. "Phosphatidlyinositol Trisphosphate Is a Critical Signaling Molecule in Cell Functions Specific to the Osteoclast." Keith A. Hruska, prof. of pediatrics, of medicine and of cell biology & physiology. McDonnell Medical Sciences Bldg., Rm. 426. 362-4690.

4 p.m. Neuroscience Seminar. "Zebrafish on the Move: Psychogenetic Analysis of the Visual System." Herwig Baier, dept. of physiology, U. of Calif., San Francisco. McDonnell Medical Sciences Bldg., Rm. 928. 362-7043.

7 p.m. Gallery of Art Friday Forum Series. "Contemporary German Art." Sabine Eckmann, curator, Gallery of Art, and Cornelia Homburg, asst. dir. of curatorial affairs and curator of modern art, Saint Louis Art Museum. Gallery of Art. 935-5490.

Monday, March 31

Noon. Molecular Biology & Pharmacology Research Seminar. "Taking Advantage of Notch Proteolysis: Identifying Notch1 Functions in Kidney and Skin Development." Raphael Kopan, assoc. prof. of molecular biology & pharmacology. South Bldg., Rm. 3907, Philip Needleman Library. 362-0183.

Noon. Wellness Connection Brown Bag Lunch. "StressLESS Work Days." Stephanie Habif, health educator, health promotion and wellness. Women's Bldg. Formal Lounge. 935-5990.

4 p.m. Immunology Research Seminar Series. "Modulation of Receptor Function by Signaling Adaptor Proteins." Alec Cheng, asst. prof. of internal medicine and of pathology & immunology. Eric P. Newman Education Center. 362-2763.

4 p.m. Religious Studies Lecture. "Cartographies of the Imagination: The Discourse of Religion and the Mapping of Indic Traditions After Colonialism." Richard King, prof. of the comparative study of religion, Liverpool Hope University, England. January Hall, Rm. 100. 935-8567.

6 p.m. Architecture Monday Night Lecture Series. "Weese x 3: WWW Work." Ben Weese, Cynthia Weese, Dan Weese, architects. (5:30 p.m. reception.) Steinberg Hall Aud. 935-6200.

Tuesday, April 1

Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series. "Resistant *Enterococci*: What Happens When a Good Commensal Goes Bad." Michael Gilmore, vice pres. of research, U. of Okla. Health Sciences Center. Cori Aud., 4565 McKinley Ave. 362-1485.

4 p.m. Art of the Essay Seminar. Katha Pollitt, essayist and poet. McMillan Hall Café. 935-5576.

4 p.m. Assembly Series. Phi Beta Kappa/Sigma Xi Lecture. Garry Wills, historian and author. Graham Chapel. 935-5285.

4 p.m. Siteman Cancer Center Genetics Seminar Series. Jeffrey F. Moley, prof. of surgery and asst. dir., Siteman Cancer Center. McDonnell Medical Sciences Bldg., Rm. 426. 454-8566.

Wednesday, April 2

11 a.m. Assembly Series. Martin Luther King Jr. Memorial Lecture. Bobby Seale, co-founder of the Black Panther Party, and Leslie M. Johnson-Seale. Graham Chapel. 935-5285.

4 p.m. Biochemistry & Molecular Biophysics Seminar. "Controlling Replication in Higher Eukaryotic Chromosomes: Paradigms Lost." Joyce Hamlin, prof. and chair of biochemistry and molecular genetics, U. of Va. Cori Aud., 4565 McKinley Ave. 362-0261.

4 p.m. Physics Colloquium. "Dark Energy and the Accelerating Universe: New Physics or the New Aether." Michael Turner, dept. of astronomy & astrophysics, U. of Chicago. (3:30 p.m. coffee, Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

7 p.m. Gallery of Art Lecture. "Visual Studies." Katharina Sieverding, prof., Berlin U. of the Arts, Germany. Gallery of Art. 935-4523.

Thursday, April 3

Noon. Genetics Seminar Series. "Genetic and Biochemical Analysis of Systemic RNAi in *C. elegans*: Channeling RNA?" Craig P. Hunter, dept. of molecular and cellular biology, Harvard U. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

3 p.m. Mechanical Engineering Sesquicentennial Colloquium. "History and Applications of Configurational

Cheerleading clinic April 5

The University's cheerleaders are holding a clinic for first- through fifth-graders April 5 and are encouraging children of faculty and staff to participate.

The clinic will run from 10 a.m.-3:30 p.m. at the Athletic Complex. A $25 fee, due in cash or check at the start of the event, includes lunch and a T-shirt.

Participants must be registered with Becky Zacharias (935-5128; bzach@athletics.wustl.edu), assistant director of intramural sports, by March 28.

Former NOW president, Latino writer to speak

BY KURT MUELLER AND BARBARA REA

The Assembly Series will bring two speakers in as many days in the last full week of March to Graham Chapel.

Patricia Ireland, president of the National Organization for Women (NOW) from 1991-2002, will deliver the Women's Week address at 11 a.m. March 26. And writer and activist Luis Rodri-guez will speak on "Hearts and Hands: Creating Community in Violent Times" at 4 p.m. March 27.

Ireland is one of the most influential feminist leaders in America. As president of NOW, she used her experience in corporate law to move the organization to the forefront of the political scene and establish herself as a groundbreaking activist.

With more than 300,000 members, NOW is widely recognized as a key player in the effort to improve social and economic conditions for women in the United States and around the world.

In journalistic circles, Ireland is considered a "must quote" for articles that concern women's rights issues, and she is widely consulted by newspapers such as *The Wall Street Journal*, *The Washington Post* and *USA Today*. She has been the subject of numerous feature stories as well.

In 1975, Ireland graduated cum laude from the University of Miami Law School, where she served on the boards of both the *Law Review* and the *Lawyer of Americas*, the university's inter-American law journal.

After a 12-year career as an attorney, Ireland became a partner in a Miami law firm. She served as NOW's pro-bono legal counsel and as a political strategist on many fronts, including the Equal Rights Amendment.

Prior to Ireland's legal education, she worked as a waitress and can-can dancer, but it was her job as a flight attendant for Pan-American Airways (Pan Am) that launched her career as a feminist political leader.

When Ireland's husband needed expensive dental work, she discovered Pan Am would not cover him under her employee health plan, although it did cover the wives of her male co-workers. Ireland fought Pan Am and, with the help of the local NOW chapter and the then-new affirmative action laws, won equal benefits.

What Women Want, Ireland's 1996 book, focuses on political and personal empowerment for women. In it, she addresses such controversial issues as abortion rights, sexual choices and the need to elect more feminist women to political office.

What Women Want also reviews what women have gained since 1920 and what is at risk for women in today's political climate.

The author of eight books in memoir, children's literature and poetry, **Rodriguez** is best known for his searing portrait of gang life in the 1993 autobiography *Always Running: La Vida Loca, Gang Days in L.A.* Written as a cautionary tale for his then teenage son who had joined a gang, the memoir was an international best seller, captured several literary awards and was designated a *New York Times* Notable Book.

His more recent books are *Hearts and Hands: Creating Community in Violent Times* and a short-story collection of barrio life, *The Republic of East L.A.* In *Hearts and Hands*, he takes a hard look at the endemic violence and desolate futures of so many of our country's youth and offers his advice for helping teens at risk.

His advice comes from more than 20 years of personal efforts working with gang youths, prisoners and others at risk.

He has created a number of important outlets for children and teens traditionally underserved in communities, including Chicago's Guild Complex, one of the largest literary arts organizations in the Midwest; Youth Struggling for Survival, a nonprofit community group working with gang and non-gang youth; and Rock A Mole (rhymes with guacamole) Productions, a company providing artistic outlets.

In addition, he has conducted workshops and has given readings and talks in prisons, juvenile facilities, homeless shelters, migrant camps and Native American reservations throughout the United States.

All Assembly Series lectures are free and open to the public. For more information, call 935-4620 or visit the series Web site, wupa.wustl.edu/assembly.

Baxter reads for Writing Program Reading Series

BY LIAM OTTEN

Fiction writer Charles Baxter will read from his work at 8 p.m. March 27 for the Writing Program Reading Series.

The reading is free and open to the public and takes place in Hurst Lounge in Duncker Hall.

Baxter is the author of three novels, most recently *The Feast of Love* (2000); and four collections of short fiction, including *A Relative Stranger* (1991) and *Believers* (1998).

He has published a book of essays on the craft of fiction, *Burning Down the House* (1997), as well as three collections of poetry. He has also edited three anthologies of fiction and of essays.

Baxter's work has earned wide acclaim. He has been the recipient of fellowships from the National Endowment for the Arts, the Guggenheim Foundation and the Lila Wallace *Reader's Digest* Fund. His work has appeared in *The Best American Short Stories* five times.

Since 1989, he has taught English and creative writing at the University of Michigan, where until recently he served as director of the master of fine arts program.

"In his fiction, Charles Baxter examines the subtle but nevertheless seismic reverberations issuing from the unpredictable tectonics of everyday life," said Kellie Wells, assistant professor of English in Arts & Sciences. "His characters stumble and grope, seek shelter, often blinded by some small illumination that, like the fierce grace granted the characters in Flannery O'Connor's stories, they might rather live without.

Reading

Who: Fiction writer Charles Baxter
Where: Hurst Lounge, Duncker Hall
When: 8 p.m. March 27
Admission: Free and open to the public

"Baxter writes fiction filled with incisive observations that reveal the poignancy of quiet lives and rendered in lapidary prose whose shimmer you only notice after you reach the last word."

Copies of Baxter's works will be available for purchase, and a book-signing will follow the reading.

For more information, call 935-7130.

Forces." Eliot M. Fried, assoc. prof. of mechanical engineering. Cupples II Hall, Rm. 100. 935-6047.

3 p.m. Siteman Cancer Center Basic Science Seminar Series. Marcus Grompe, prof. of molecular and medical genetics, Oregon Health Sciences U. Eric P. Newman Education Center. 454-8566.

4 p.m. Ophthalmology & Visual Sciences Seminar Series. "Genetic Complexity of a Cataract." Alan Shiels, asst. prof. of ophthalmology & visual sciences and of genetics. Maternity Bldg., Rm. 725. 362-1006.

4:30 p.m. Mathematics Talk. Jeff McNeal, prof. of mathematics, Ohio State U. (4 p.m. tea, Cupples I Hall, Rm. 200.) Cupples I Hall, Rm. 199. 935-6760.

4:45 p.m. Ethics in Families Reading Group Discussion. "Disclosure in Cases of Assisted Conception." Susan Appleton, Lemma Barkeloo & Phoebe Couzins Prof. of Law. Anheuser-Busch Hall, Rm. 593. 935-8212.

Music

Sunday, March 23

3 p.m. Faculty Recital. *Music of the French and English Baroque.* Elizabeth Macdonald, viola da gamba, Charles Metz, harpsichord, Jeffrey Noonan, lute and thorbo, and Nancy Bristol, mezzo soprano. Steinberg Hall Aud. 935-4841.

Tuesday, March 25

8 p.m. Concert. Washington University Wind Ensemble & Chamber Winds. Dan Presgrave, instrumental music coordinator in music, dir. Ridgley Hall, Holmes Lounge. 935-4841.

Thursday, March 27

8 p.m. Jazz at Holmes. Jeff Lash, vibraphonist. Ridgley Hall, Holmes Lounge. 935-4841.

Saturday, March 29

8 p.m. Graduate Recital. Don Holdren, baritone, Henry Palkes, piano. 935-4841.

Sunday, March 30

3 p.m. Faculty and Student Recital. *Chamber Music of the 20th Century and Beyond — Works of French & German Composers.* Gallery of Art. 935-4841.

On Stage

Friday, March 21

7 p.m. Washington University Opera. *The Most Happy Fella*, by Frank Loesser. Jolly Stewart, dir. (Also March 22, 7 p.m.) Cost: $15, $10 for seniors, students, and WUSTL faculty & staff, and $5 for WUSTL students. Saint Louis Art Museum Aud. 935-4841.

Friday, March 28

8 p.m. Performing Arts Department Performance. *All's Well That Ends Well.* William Whitaker, dir. (Also March 29, 8 p.m., March 30, 2 p.m., April 4 & 5, 8 p.m. and April 6, 2 p.m.) Cost: $12, $8 for WUSTL faculty, staff and students. Edison Theatre. 935-6543.

KEVIN LOWDER

High style (From left) Senior Kristin Rosengren and juror (and lecturer in visual communications) Ben Kaplan study the finer points of haute couture at the Fashion Design Program's annual "Gowns in the Gallery" event. The recent one-night-only exhibition, held at the School of Art's Des Lee Gallery downtown, offered a preview of the annual School of Art Fashion show, scheduled for May 4 at the Saint Louis Galleria. Modeling Rosengren's design is senior Rachel Greengrass.

Worship

Friday, March 21

11 a.m. Catholic Mass. (Soup lunch follows.) Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Sunday, March 23

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

Tuesday, March 25

5:15 p.m. Catholic Mass. (Soup dinner follows.) Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Thursday, March 27

9:30 p.m. Catholic Praise & Adoration Service. Catholic Student Center, 6352 Forsyth Blvd. 935-4841.

Friday, March 28

11 a.m. Catholic Mass. (Soup lunch follows.) Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Sunday, March 30

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

Tuesday, April 1

5:15 p.m. Catholic Mass. (Soup dinner follows.) Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Thursday, April 3

9:30 p.m. Catholic Praise & Adoration Service. Catholic Student Center, 6352 Forsyth Blvd. 935-4841.

Sports

Friday, March 21

2:30 p.m. Baseball vs. Eureka College. Kelly Field. 935-4705.

4 p.m. Track & Field vs. Greenville College. Francis Field. 935-4705.

Saturday, March 22

11 a.m. Softball vs. Loras College. Softball Field. 935-4705.

Noon. Baseball vs. Simpson College. Kelly Field. 935-4705.

2:30 p.m. Baseball vs. Illinois Wesleyan U. Kelly Field. 935-4705.

3 p.m. Softball vs. Cornell College. Softball Field. 935-4705.

Sunday, March 23

11 a.m. Softball vs. East Texas Baptist U. Softball Field. 935-4705.

Noon. Baseball vs. Simpson College. Kelly Field. 935-4705.

1 p.m. Softball vs. Upper Iowa U. Softball Field. 935-4705.

2:30 p.m. Baseball vs. Illinois Wesleyan U. Kelly Field. 935-4705.

Friday, March 28

3 p.m. Softball vs. Cornell College. Softball Field. 935-4705.

5 p.m. Softball vs. Simpson College. Softball Field. 935-4705.

Saturday, March 29

9:30 a.m. Baseball vs. Fontbonne U. Kelly Field. 935-4705.

10 a.m. Men's Tennis vs. Graceland U. Tao Tennis Center. 935-4705.

Noon. Baseball vs. U. of Wis.-Platteville. Kelly Field. 935-4705.

Noon. Softball vs. Coe College. Softball Field. 935-4705.

1 p.m. Women's Tennis vs. Graceland U. Tao Tennis Center. 935-4705.

4 p.m. Softball vs. St. Mary's College. Softball Field. 935-4705.

Sunday, March 30

11 a.m. Baseball vs. U. of Wis.-Platteville. Kelly Field. 935-4705.

11 a.m. Softball vs. Central College. Softball Field. 935-4705.

1 p.m. Softball vs. Simpson College. Softball Field. 935-4705.

1:30 p.m. Baseball vs. Fontbonne U. Kelly Field. 935-4705.

Tuesday, April 1

2:30 p.m. Baseball vs. Maryville U. Kelly Field. 935-4705.

3 p.m. Men's Tennis vs. Williams College. Tao Tennis Center. 935-4705.

And more...

Friday, March 21

7 p.m. Gallery of Art Guided Tours. Tours of *Contemporary German Art: Recent Acquisitions*; *Made in France: Art From 1945 to the Present*; and *Contemporary Projects: Arnold Odermatt Photographs* led by student docents. Gallery of Art. 935-4523.

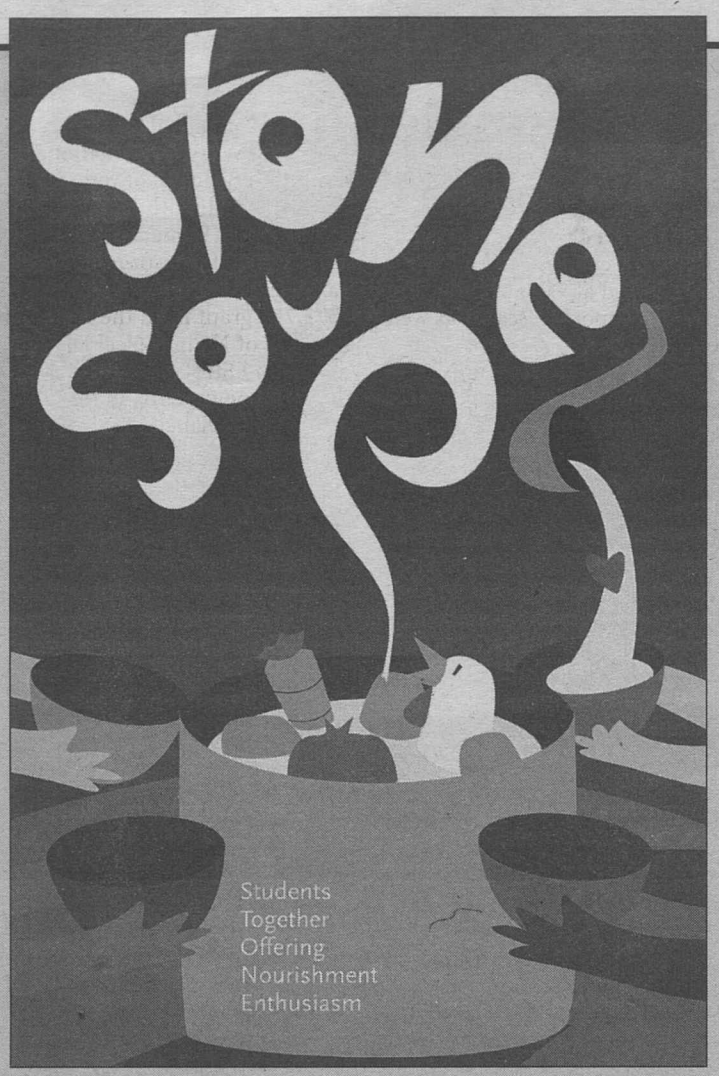
Thursday, March 27

8 p.m. Writing Program Reading Series. Charles Baxter, fiction author. Duncker Hall, Hurst Lounge. 935-7130.

Monday, March 31

11 a.m.-4 p.m. Blood Drive. Sponsored by human resources and the community service staff. (Also April 1, 11 a.m.-4 p.m., Mallinckrodt Student Center, The Gargoyle; April 2 & 3, 5-10 p.m., Wohl Center, Friedman Lounge.) Mallinckrodt Student Center, The Gargoyle. 434-7443.

7 p.m. Art of the Essay Writers Series Reading. Katha Pollitt, essayist and poet. West Campus Conference Center, 7425 Forsyth Blvd. 935-5576.



Lending a hand to those who lend a hand Volunteer graphic designers from the School of Art chapter of the American Institute of Graphic Arts recently created a series of posters for campus and community service organizations. Clients ranged from Wash U Build, the campus chapter of Habitat for Humanity, to Kids & Chemistry, a public outreach program of the American Chemical Society. Pictured is a design by junior Melanie Mikecz for STONE Soup (a.k.a. Students Together Offering Nourishment and Enthusiasm), a group providing food, clothing and first aid to the homeless.

Sports

Bears' Final Four run derailed by Trinity

The No. 3 Bears' shot at a seventh trip to the Final Four came to an end March 15 when they were upset by No. 21 Trinity University, 76-57, in the NCAA Division III Women's Basketball Sectional Championship at Hardin-Simmons University in Abilene, Texas. WUSTL finished the season 26-2. The game marked the first time all season the Bears had trailed at halftime, as they were down 29-28 at the break. Trinity opened the second half by scoring the first eight points and 12 of the first 14, while the Bears managed just one field goal in the first 8:23 of the second half. Trinity's Tara Rohde scored seven straight points as the lead increased to 50-32 with 10:48 left. Hallie Hutchens led the Bears with 16 points and seven rebounds, while Diana Hill added a career-high 14 points and seven rebounds.

Other updates

The **baseball** team captured a share of its second University Athletic Association title with a 4-2 record at the UAA Tournament March 7-11 in Sanford, Fla., then returned home to sweep five games last week to improve to 9-2. In Florida, Trevor Young-Hyman, Damien Janet and Alex Cucuru each tossed complete-game wins, while Kirk Heischmidt powered WUSTL at the plate by hitting .526 with four doubles. Ryan Argo hit .400 with seven RBIs and Joe Kelly drove in six runs as the Bears captured their first conference crown since 1995. The Bears then pushed their winning streak to six games with wins at Greenville College, 11-3, on March 14, and four straight at home March 15-16. WUSTL defeated Milwaukee School of Engineering, 11-2, and Concordia University (Ill.), 5-2, March 15, then beat the same two teams by 7-0 and 14-13 scores the next day.

The **softball** team returned home from its 10-day road trip to Florida with an 11-2 record, including a 6-2 record at the UAA Championships. Sophomore Liz Swary led the Bears with a .571 batting average, four home runs and a staggering 27 RBIs. Freshman Amanda Roberts hit .500 on the trip with 15 hits and 10 runs. The pitching was terrific in the 13 games as the staff of Lorri Fehlker, Victoria Ramsey, Ashley Johnson and Liz Smith posted a 1.33 ERA while holding the opponents to a .212 batting average. Ramsey was 5-1 in 38.1 innings with a 1.28 ERA, while Fehlker did not allow an earned run in 18 innings.

The No. 10 **women's tennis** team improved to 6-2 and picked up the 400th win in the program's history with two wins in three outings last week. The Bears rolled past Central College, 9-0, March 12, and Beloit College, also 9-0, March 16 for program win No. 400. Later that day, WUSTL was upended by No. 12 DePauw, 5-4. Jenny Stein collected a pair of wins at No. 1 singles and teamed with Laura Greenberg to add two more wins at third doubles. Greenberg improved to 17-2 on the year and 98-12 overall in her career.

The No. 7 **men's tennis** team improved to 4-3 on the year with impressive 7-0 victories over Central College and No. 15 DePauw University.

Junior Kammie Holt earned All-America honors for the second straight season with a third-place finish in the long jump for the **indoor track and field** team at the NCAA Division III Indoor National Championships March 14-16 at DePauw University. That third-place finish earned her six points, good enough to give WUSTL a tie for 13th place in the final team standings.

The **women's swimming** team wrapped up its most successful trip ever to the NCAA Championships as the Bears took home 10th place. The finish marked the best in team history and was the third top-20 finish in the past five years. On March 15, the Bears added two more individual All-America honors, bringing their meet total to seven, and another All-America honor in the 400 free relay, WUSTL's fifth All-American relay in as many chances.

Children

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presenting a diverse mix of activities that are enlightening and entertaining, and this year will be no different.

"We have devised a schedule of programs that should suit every interest."

The change in focus comes a full decade after the Ms. Foundation launched the groundbreaking event to encourage organizations to help empower female adolescents and broaden their perceptions about opportunities for women in the workplace.

"Our next step is to bring the boys to work alongside the girls and take on issues that they will both confront in the workplace," said Marie C. Wilson, president of the Ms. Foundation.

According to the Ms. Foundation Web site, the new focus is designed to begin changing perceptions about the integration of work with family responsibilities and personal goals.

It cited a national study conducted by the Families and Work Institute that found that today's youth envisions a future that is not in step with today's reality.

Currently, many men are still expected to sacrifice time at home with their children for their jobs.

> "We have devised a schedule of programs that should suit every interest."
>
> LORRAINE GOFFE-RUSH

"Often, men report that if they leave early for a parent-teacher conference or to take care of an ailing relative, the unspoken rules of the workplace assume work is not their top priority," according to the Web site.

Wilson added, "Take Our Daughters and Sons to Work will ask the nation to re-examine these assumptions so our daughters and sons can be involved in both their family and work lives without the pressures of societal restraints."

Ideally, Take Our Daughters and Sons to Work Day will encourage girls and boys to share ideas and expectations for their futures, and begin to erode the harmful gender stereotypes that remain embedded in our culture.

For more information about the University's Take Our Daughters and Sons to Work Day events, call April Hardnett at 935-8107.

Albright

Has remained active in international affairs

– from Page 1

labor, and environmental standards abroad.

Accomplishments during her tenure include the expansion and modernization of NATO and its successful campaign to reverse ethnic cleansing in Kosovo; the promotion of peace in Northern Ireland and the Balkans; the reduction of nuclear dangers from Russia; and the expansion of democracy in Europe, Africa, Asia and Latin America.

Since leaving government service, Albright has remained active in international affairs.

She holds the first Michael and Virginia Mortara Endowed Professorship in the Practice of Diplomacy at Georgetown University's School of Foreign Service. She also is the first distinguished scholar of the William Davidson Institute, an international, educational think tank affiliated with the University of Michigan Business School.

She is chair of the National Democratic Institute for International Affairs, a nonprofit organization working to strengthen and expand democracy worldwide, and founder of The Albright Group LLC, a global strategy firm.

Prior to her appointment as secretary of state, Albright served as the U.S. permanent representative to the United Nations from 1993-97 and as a member of Clinton's Cabinet and National Security Council.

From 1989-1992, she was president of the Center for National Policy, a nonprofit public-policy organization based in Washington, D.C.

She was a member of Georgetown University's faculty from 1982-1992. As a research professor of international affairs and director of the Women in Foreign Service Program at the university's School of Foreign Service, she taught undergraduate and graduate courses in international affairs, U.S. foreign policy, Russian foreign policy, and Central and Eastern European politics.

She also was responsible for developing and implementing programs designed to enhance women's professional opportunities in international affairs.

From 1981-82, Albright held a fellowship at the Woodrow Wilson International Center for Scholars at the Smithsonian Institution after an international competition in which she wrote about the role of the press in political changes in Poland during the early 1980s.

She also served as a senior fellow in Soviet and Eastern European affairs at the Center for Strategic and International Studies, conducting research in developments and trends in the Soviet Union and Eastern Europe.

From 1978-1981, Albright was a staff member on President Jimmy Carter's National Security Council, as well as a staff member at the White House, where she was responsible for foreign policy legislation.

From 1976-78, she served as chief legislative assistant to Sen. Edmund S. Muskie, D-Maine.

Albright earned a bachelor's degree with honors in political science from Wellesley College in 1959. She studied at the School of Advanced International Studies at Johns Hopkins University and earned a certificate from the Russian Institute at Columbia University.

She earned a master's degree in international affairs (1968), specializing in Soviet studies, and a doctorate (1976), both from Columbia's Department of Public Law and Government.

Albright was born in 1937 in Prague, Czechoslovakia. After communists took control of that country in 1948, she and her family immigrated to the United States.

She is fluent in French and Czech, with good speaking and reading abilities in Russian and Polish.

Albright has three daughters and six grandchildren. She is working on an autobiography, which is due out in September.

Campus Watch

The following incidents were reported to University Police **March 12-18**. 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.

March 14

8:31 a.m. — A person reported that $150 had been stolen from the Coca-Cola vending machines located by the dock doors of Lopata Hall.

March 15

2:16 a.m. — A student reported that while she was at a party at the Phi Delta Theta fraternity, she set her purse on a coffee table. When she returned, the purse was missing.

8:28 a.m. — A person reported that someone had thrown a chair against an exterior window on the northeast side of Anheuser-Busch Hall, breaking the outer pane of glass.

March 17

2:12 p.m. — A student reported that $80 had been stolen from her backpack, which was in Mallinckrodt Student Center.

Additionally, University Police responded to three auto accidents, two reports each of disturbance, property damage and larceny, and one report each of lost property and accidental injury.

Record

Washington University community news

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Postmaster and nonemployees Record, 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 University in St. Louis

Notables

Of note

Chad Perlyn, M.D., surgical resident in the Department of Surgery, Division of Plastic Surgery, has received a two-year, $60,000 grant from the American College of Surgeons to fund research in the field of Fibroblast Growth Factor Receptor-3 and its relationship to craniofacial development and growth. …

Weixiong Zhang, Ph.D., assistant professor of computer science and engineering, has received a one-year, $100,000 grant from the Monsanto Plant Science Program for a study titled "Genome-wide Identification of Stress Genes in Plants." …

Jeremy D. Buhler, Ph.D., assistant professor of computer science and engineering, has received a five-year, $757,133 National Science Foundation Career Award for research titled "New Technologies for Biosequence Comparison." …

Cindy A. Grimm, Ph.D., assistant professor of computer science and engineering, has received a five-year, $497,780 National Science Foundation Career Award for research titled "A Composition System for Computer Graphics." …

William D. Richard, Ph.D., associate professor of computer science and engineering, has received a one-year, $125,000 grant from Envisioneering LLC for a project involving the development of a new three-dimensional ultrasound system for prostate imaging and radiation treatment planning. Richard has also received a donation of components and equipment from Xilinx. Valued at $250,000, Xilinx's donation supports research as well as education. …

Murray F. Weidenbaum, Ph.D., the Edward Mallinckrodt Distinguished University Professor and honorary chairman of the Weidenbaum Center on the Economy, Government, and Public Policy, lectured March 5 at two Washington, D.C., think tanks: "The Changing Structure of the U.S. Defense Industry" to the Center for Strategic and International Studies, and "Pros and Cons of Globalization" to the Woodrow Wilson International Center for Scholars of the Smithsonian Institution. …

Kelvin A. Yamada, M.D., associate professor of neurology, has received a three-year, $573,750 grant from the National Institute of Neurological Disorders and Stroke for research titled "Hypoglycemia in the Developing Diabetic Brain." …

Michael Young, graduate research assistant, has received a two-year, $42,000 predoctoral fellowship from the Heartland Affiliate Research Committee of the American Heart Association for research titled "Isolation and Characterization of Actin Patches from *S. Cerevisiae*."

Obituary

Emeritus Trustee Smith dies at 99

BY ANDY CLENDENNEN

Robert Brookings Smith, emeritus trustee and member of the Board of Trustees since 1963, died in his sleep Monday, Dec. 30, 2002, at his home in Ladue, Mo. He was 99.

Smith was a highly respected St. Louis banker and civic leader. During his dedicated tenure on the board, he served as vice chairman from 1966-1971 and was a valuable member of the Executive, Nominating, Investments, and Student Affairs committees. He also was a founding member of the National Council of the School of Art.

In recognition of his support of the University, Smith received the Robert S. Brookings Award in 2000.

Robert S. Brookings — chairman of the board from 1895-1928 — was Smith's great uncle. In addition, Robert S. Brookings founded the Brookings Institution in Washington, D.C., for which Smith served as vice chairman of the board for several years.

Smith was an enthusiastic ambassador for St. Louis, giving leadership and support to the Missouri Botanical Garden, the Little Symphony Society, the Greater St. Louis Arts Council, St. Luke's Hospital and the Urban Redevelopment Corp.

Smith became a partner in the brokerage firm of Smith, Moore & Co. in 1928, and then entered the Navy in 1942.

He served as lieutenant commander and navigator aboard the aircraft carrier *U.S.S. White Plains* in World War II. He was decorated for heroism in the Battle of the Philippine Sea.

After the war, Smith returned to Smith, Moore & Co., where he became a limited partner in 1952. He then served as a financial adviser to Reconstruction Finance Corp. during its liquidation.

Smith joined Mercantile Trust Co. in 1956 as a vice president in the trust department. He later became a board member and was elected vice chairman of the Mercantile Trust in 1961.

Later, Smith started his own businesses, Cashex Inc., which specialized in automatic check-authorization cards, and National Cache Card, a firm that developed the use of smart cards as campus cards for the University. He later sold both businesses.

Until his death, Smith was a managing partner of Common Bond Associates of St. Louis, a research and development partnership.

Survivors include his wife, Nancy; daughters, Sally Duffield of Oxford, Mich., and Susan Romanski of St. Louis County; and a grandson.

Memorial contributions may be made to St. Luke's Hospital, 232 S. Woods Mill Road, Chesterfield, MO 63017.

MARY BUTKUS

German Day festivities (From left) Natasha D'Agrosa, Katie Fortune, Katie Portney and Alex Dennis, students from local high school Nerinx Hall, perform a skit of *Cinderella* during German Day 2003 on March 13 in The Gargoyle in Mallinckrodt Student Center. The annual event, sponsored by the Department of Germanic Languages and Literatures in Arts & Sciences, brings some 600 area high-school students to the University. This year, German Day featured contests, student videos, spelling bees and German television commercials.

Employment

Go online to **hr.wustl.edu** (Hilltop Campus) or **medicine.wustl.edu/wumshr** (Medical Campus) to obtain complete job descriptions.

Hilltop Campus

For the most current listing of Hilltop Campus position openings and the Hilltop Campus application process, go online to hr.wustl.edu. For more information, call 935-5906 to reach the Human Resources Employment Office at West Campus.

Senior Medical Sciences Writer 010108

General Lab Asst. Part Time 020237

Physical Therapist 030064

Registered Nurse 030079

Health Services Physician 030099

Business Development Coord. 030110

Zone Manger 030137

Study Coord. 030172

Shuttle Driver 030179

Sr. Prospect Researcher 030182

Career Development Specialist 030187

Assoc. Dir. of Dev., Sch. of Engr. 030188

Staff Psychologist 030190

DNA Sequencing Lab Technician 030197

Assoc. General Counsel 030197

Lab Technician IV 030199

Assoc. Dir. of Capital Projects 030203

Health Educator 030204

Staff Psychologist/Counselor/Clin. Soc. Worker 030206

Assoc. Dir., Business Development 030210

Accounts Payable Coord. 030212

Business Development Specialist 030213

Residential College Dir. 030214

Treasury Analyst 030215

Administrative Asst. 030216

Deputized Police Officer 030217

Research Technician 030219

Assoc. Dir. J.B. Ervin Scholars Program 030220

Accountant IV 030221

Dir. of Health Service & Counseling Service 030222

PEP Loan Processor 030223

Supervisor of Gift Acknowledgements 030224

Admin. Asst. 030225

Asst./Assoc. Dean for Graduate Programs 030227

Director, NTS-Software Licensing 030228

Switchboard Operator (Weekends 4-10 PM) 030230

Dir. of Development, School of Architecture 030231

Hazardous Materials Manager 030232

Hazardous Materials Tech II 030233

Assoc. Dir. of Dev., Olin School of Business 030234

Assoc. Dir. of Corporate and Foundation Relations 030235

Medical Campus

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

Statistical Data Analyst 030882

Medical Secretary II-Part Time 031205

Transporter 031217

Research Patient Coord. 031237

Data Control Coord. 031238

Grant Assistant III 031239

Data Control Coord. 031241

Research Technician II 031246

Professional Rater III 031247

Clinical Research Nurse Coord. 031248

Research Technician II 031249

User Support Analyst 031250

Animal Care Tech II 031253

RN-Research Patient Coord. 031254

Director Business Operations 031255

RN Staff Nurse 031256

Secretary III 031257

Research Technician II 031259

Patient Billing Service Rep. II 031262

Manager Patient Accounts 031272

Medical Secretary II 031273

Administrative Coord. 031274

Campus Authors

Michael W. Friedlander, Ph.D., professor of physics in Arts & Sciences

A Thin Cosmic Rain: Particles from Outer Space

(Harvard University Press, 2002)

With the discovery, and subsequent study, of cosmic rays came a whole new understanding of how our universe works.

Michael W. Friedlander's latest book takes the reader through the story of how cosmic rays were accidentally discovered, when they were still thought to be actual rays. But they are now known to not actually be rays, but they are particles — the nuclei of atoms — that are continually raining down on Earth.

Friedlander

It sounds pretty heady, but Friedlander, Ph.D., professor of physics in Arts & Sciences, takes the approach in this book of gearing it to the non-scientist in us all.

"In a previous book, *At the Fringes of Science*, I was concerned to point to the differences between genuine science and pseudoscience, the 'science' of dramatic but unsubstantiated claims," Friedlander said. "My objective was to describe the method scientific.

"For this new book, I felt that there was a good tale to tell, for cosmic ray particles carry important astrophysical information and also leave traces, souvenirs in many places. Science can be presented to the public at many levels; I have aimed at the interested and curious reader, someone who reads the *Scientific American* or *The New York Times* Tuesday science supplements."

A Thin Cosmic Rain covers more than 100 years of research and explains how cosmic rays are identified and how their energies are measured. It then surveys current knowledge and theories of thin cosmic rain.

"As scientists, we have an obligation to explain to the non-expert public what we are doing, what is exciting about our findings and where we think all of this may lead," Friedlander said. "In this way, we would hope that the public would gain some understanding of the methods of science, be willing to continue to support our efforts and will also not try to impose ideological restrictions to what we may study.

"History shows that none of this should be taken for granted."

Cosmic ray research unexpectedly led to the discovery of new particles, such as the muon, pion, kaon and hyperon, and the research continues to reveal scenes of astounding violence in the cosmos and offers clues about black holes, supernovas, neutron stars, quasars and neutrinos.

With this book, readers see clearly why cosmic rays remain central to an astonishingly diverse range of research studies on scales infinitesimally small and large.

One of the most important byproducts of cosmic rays is the production of carbon 14, which Friedlander covers in a chapter titled "Footprints and Souvenirs."

"The central point is that carbon 14 is radioactive and has been used to date many archaeological objects," Freidlander said. "Produced in the upper atmosphere through cosmic ray collisions, the carbon 14 diffuses widely and ends up in plants and the animals that eat them. Measure-ment of the carbon 14 content today permits calculation of the time since that plant or animal died."

— Andy Clendennen

Washington People

'Thinking big'

For Ron Fondaw, creating large-scale public art 'draws out things that you never could have imagined'

BY LIAM OTTEN

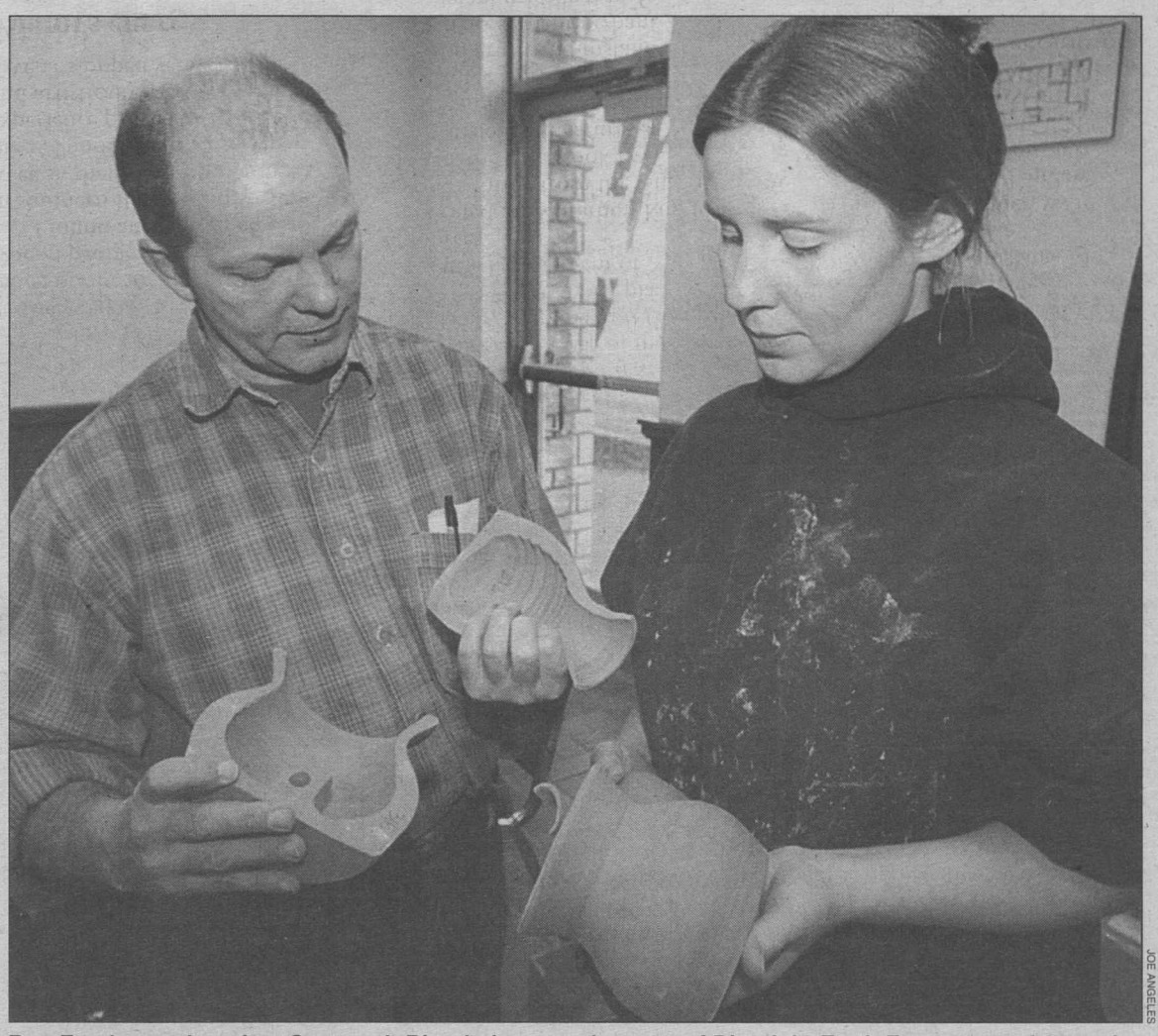
Buildings fall, books are lost, cultures and peoples forgotten. Nothing man-made is permanent, yet the process of making, the transmutation of one material into something else, is constant and ongoing.

Ron Fondaw, professor and head of ceramics in the School of Art, has earned a national reputation for creating adobe structures that absorb, rather than resist, nature's blows. Built from sand, sticks, unfired clay, pigmented plaster and locally found objects (including, in one case, a living Bradford pear tree), these large, roughly handsome sculptures weather and change with the graceful, quiet dignity of ancient ruins.

"Our culture is obsessed with the new and the perfect and the shiny," Fondaw mused from the School of Art's studio in Florence, Italy, where he's teaching for part of the semester. "Other parts of the world have learned to treasure disheveled qualities. In Japan, there's an aesthetic philosophy, wabe sabe, that describes the phenomena of material falling apart, decaying, being imperfect.

"I'm surrounded by that here in Florence," he adds. "Water stains, crumbling facades, remnants of Etruscan villages — it's all beautiful."

Yet Fondaw's adobe sculptures are just one facet of an artistic practice that ranges from traditional studio work to large-scale public commissions.



JOE ANGELES

Ron Fondaw and student Susannah Biondo inspect elements of Biondo's *Earth Forms #1 and 2*, a pair of ceramic relief murals based on traditional African, Mexican, Middle Eastern and Eastern European pottery, installed at the Grace Hill South Health Center in south St. Louis.

Since coming to the University in 1995, Fondaw has exhibited at more than a dozen museums and galleries across the United States and abroad; installed works at the Saint Louis Art Museum (SLAM) and the Cedarhurst Sculpture Park in Mt. Vernon, Ill.; cast aluminum bus shelters for the Forest Park MetroLink station; and completed a mural of neon light and handmade ceramic tile for the city of Columbia, Mo.

"Ron has amazing energy and diligence," says Albert Pfarr, lecturer in ceramics, who has assisted Fondaw on several projects. "He has the fortitude to work through whatever arises, which really is half the battle."

"I'm just an artist," Fondaw explains good-humoredly. "That gives me a lot more freedom than saying 'I'm a ceramic artist,' or 'I'm a painter.' It gives me the freedom to move between genres and materials, to look at a specific site or situation or audience and ask, 'What is appropriate here?'"

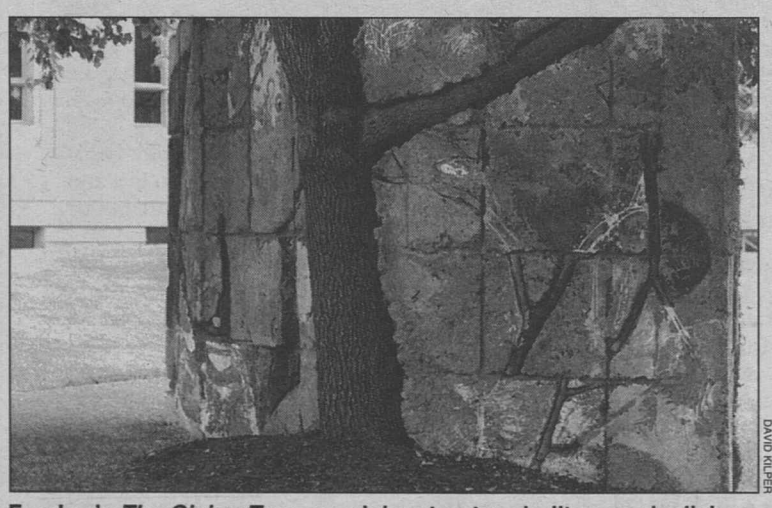
Ron Fondaw

Education: M.F.A., University of Illinois, 1978; B.F.A., Memphis College of Art, 1976

Family: Wife: Lynn Shepherd Fonda; children: Andrea, 13, and Wyler, 10

Hobby: Hiking

Selected awards: Kranzberg Award, Saint Louis Art Museum, 1998; Pollock-Krasner Award, 1996-97; Fulbright Fellowship, 1989; National Endowment for the Arts, 1988; Guggenheim Fellowship, Sculpture, 1985



DAVID KILPER

Fondaw's *The Giving Tree*, an adobe structure built around a living Bradford pear tree, was installed on the Saint Louis Art Museum's south lawn in 1998.

Early years and college

Born in Paducah, Ky., Fondaw grew up in Cape Girardeau, Mo., where his parents owned a small grocery store. He developed an early mechanical facility thanks to his father, a skilled woodworker who also refurbished old cars as hot rods.

"He'd pay us 50 cents an hour to wire-brush frames, repack wheel bearings, take transmissions apart," Fondaw recalled. "There's a lot of confidence-building in that."

As a young artist, Fondaw was mostly interested in drawing and painting. He held his first one-person show in a Paducah gas station at the age of 11 and sold several oils of duck-hunting scenes.

At the Memphis College of Art, he planned to major in graphic design until a work-study job mixing clay prompted a sophomore-year epiphany.

"I didn't want to leave," he remembers thinking. Ceramics seemed more meditative, more filled with unexplored possibility. It also complemented his existing mechanical skills.

Constructing a kiln, for example, "you had to know about gas, about putting pipes together, about how to build burners."

Fondaw's first experience with large-scale ceramics came a few years later while in graduate school at the University of Illinois. A summer internship with the Moravian Pottery & Tile Works in Doylestown, Penn., provided a crash-course in Western architectural embellishment, while an African art history class (taught by the exquisitely named Anita Glaze) introduced him to new motifs and materials.

For his final project, Fondaw constructed his first adobe work, based on the architecture of Mali's Dogon people.

"I found an abandoned clay pit in southern Illinois and spent a week in the woods," building the piece, Fondaw recollects. The experience proved so intellectually and artistically satisfying that, "I haven't stopped yet."

Miami's energy

After graduation in 1978, Fondaw taught at Ohio University in Athens and the following year moved to the University of Miami. As luck would have it, the young Midwesterner arrived just months ahead of the first Mariel Boatlift.

"Overnight, the city was transformed into the wild, wild West," Fondaw recalls. Equally striking were the extremes of wealth and poverty. "You literally had bodies washing up on South Beach."

Yet Miami's energy — the confluence of ocean, wind and sun, the vibrant Cuban culture — made a deep impression, and Fondaw's work grew bolder in both form and color. For *Sea of Divide* (1983), a suite of 10 paintings for Jackson Memorial Hospital, he purposefully set out to use the gaudiest palette he could devise.

"In Miami, you just can't make an ugly color combination," Fondaw quips. "Silvers and lime greens against reds, pinks and oranges; everything works."

Meanwhile, the sharp, contrast-inducing Southern sun brought a new architectonic quality to his adobe structures, from the blocky, fortress-like *Mygon* (1984), with its dramatic tapering buttress, to the shambling geometries of rammed-earth works like *Tymon* (1985) and *Taukka* (1987).

Fondaw also began experimenting with Egyptian paste, an ancient yet finicky material. Its lustrous surface and rich, wet-looking colors echoed the sunken ships he frequently observed while scuba diving.

Though traditionally reserved for small figurines, Fondaw was able to make large, wall-sized works by slathering the paste over welded steel armatures. (A section of Susan Peterson's manual *The Craft and Art of Clay* focuses on Fondaw's technique.)

Perhaps no project better captured Fondaw's sense of the Florida landscape than *It Comes Ashore* (1993), a public plaza for the state's Department of Natural Resources.

Located on Marathon Key, just a stone's throw from the Gulf of Mexico, the piece took five months to construct and features some 2,480 hand-cast ceramic tiles shaped like fish scales. Painted blue and green and installed in concentric, serpentine bands, the tiles metaphorically transformed what had been a desolate concrete expanse into gently rippling waves.

Recent projects

Since returning to Missouri, Fondaw increasingly has focused on issues of site, process and experience.

The Giving Tree, a three-walled adobe structure installed on SLAM's south lawn in 1998, was designed to break down over a period of about six months, elegantly dramatizing the power of the natural elements. Similarly, Cedarhurst's *Whispering Walls* (also 1998) centers on a large mud dome that, as it decays, will gradually reveal an oak desk and chair.

"When we first conceptualize something, we see it in our mind's eye and it is perfect," Fondaw explains. "It's just the right size, it's just the right color, devoid of light and gravity. Perfect. So the next step is to give it relativity to the real world.

"One of the reasons I started working large, and which led me into public art, is that the studio felt too safe," he adds. "I'd look at my musician friends, who had to go on stage and make art whether they felt like it or not, and I wanted that kind of intensity. It draws out things that you never could have imagined."

Later this spring, Fondaw will install a group of seven playful, 33-foot-tall Fiberglas "totem poles" along the walkway to The Pageant nightclub at the eastern end of the University City Loop. Tentatively titled *The Vertical Loop*, the piece is dedicated to the neighborhood's rich mix of ethnic and cultural communities and includes an array of oversized pumpkins, soccer balls, tree stumps and other objects — several of which feature translucent exteriors and built-in lighting elements.

Also currently under way is *Bascule Bridge*, a life-size recreation of Vincent Van Gogh's *The Langlois Bridge at Arles* (1888) for Saint Louis University's Henry Lay Sculpture Park in Louisiana, Mo., just south of Hannibal.

"Typically in ceramics, we're just building the skin," Fondaw points out, "but when you start working large — with any material — you have to understand architecture, the way a wall holds itself up, the structural integrity of a curve or dome.

"I tell my students that you have to be a designer, a contractor and a craftsman all at the same time," Fondaw concludes. "You need to have more than just one way of working, one way of thinking."