

Washington University School of Medicine

Digital Commons@Becker

Washington University Record

Washington University Publications

2-18-2005

Washington University Record, February 18, 2005

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

Recommended Citation

Washington University Record, February 18, 2005. Bernard Becker Medical Library Archives.
<https://digitalcommons.wustl.edu/record/1028>.

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

Record

Feb. 18, 2005

Volume 29 No. 22



Washington University in St. Louis



Barbara A. Schaal, Ph.D. (left), the Spencer T. Olin Professor in Arts & Sciences in biology, examines a wild tomato plant with former graduate student Ana Calcedo. Schaal's election as vice president of the National Academy of Sciences "is a wonderful honor for both Barbara and the University," said Edward S. Macias, Ph.D., executive vice chancellor, dean of Arts & Sciences, and the Barbara and David Thomas Distinguished Professor in Arts & Sciences.

Schaal elected first woman VP of National Academy of Sciences

By TONY FITZPATRICK

The members of the National Academy of Sciences (NAS) have elected Barbara A. Schaal, Ph.D., as its vice president.

The Spencer T. Olin Professor in Arts & Sciences in biology, Schaal becomes the first woman elected vice president of the academy. She will serve for four years, beginning July 1.

"Barbara Schaal is a premier scientist, and it is rewarding to the scientific community that she has been elected to such an important leadership role," Chancellor Mark S. Wrighton said. "She is a remarkably talented person who will serve with great distinction."

Schaal, who served as chair of the Department of Biology in Arts & Sciences from 1993-97, is known for applying molecular-genetic techniques to the study of plant evolution. Her research investigates the evolutionary process within plant populations using a wide variety of techniques, from field observations to quan-

titative genetics and molecular biology.

Schaal has studied hosts of plant species, ranging from oak trees to Mead's milkweed, a Midwestern prairie plant.

Her recent work includes collaborating with students and peers to research the evolutionary genetics of plants in hopes of enriching crops such as cassava — the sixth-most important food crop in the world — and rice.

Born in Berlin, Schaal grew up in Chicago. She attended the University of Illinois at Chicago and graduated in 1969 with honors in biology. She earned a master's degree in 1971 and a doctorate in 1974, both from Yale University.

She was a faculty member at the University of Houston from 1974-76 and at Ohio State University from 1976-1980.

In 1999, she was elected into the NAS, an honor that recognized her research investigating the evolutionary process within plant populations.

See Schaal, Page 6

Richard A. Gephardt Institute for Public Service established

By GERRY EVERDING

Encouraging people to become involved in public service is the goal of the newly established Richard A. Gephardt Institute for Public Service at the University.

"The Gephardt Institute will inspire people, especially students and older citizens, to become more involved in serving society and building a more engaged citizenry," Chancellor Mark S. Wrighton said. "Commitment to public service by talented and creative people contributes to the advance of society."

The institute is named in honor of Richard A. Gephardt, who stepped down in 2004 after serving nearly 30 years as U.S. Representative for Missouri's 3rd District. A two-time presidential candidate, Gephardt has served as both majority and minority leader for Democrats in the U.S. House of Representatives.

"This institute will endeavor to focus all the enormous capabilities of Washington University on the task of inspiring young and older citizens to the noble and needed work of public service," Gephardt said. "St. Louis, America and the world need gifted public citizens as never before, and I know the institute will succeed in motivating and matching many of them to the challenges ahead."

James W. Davis, Ph.D., professor emeritus of political science in Arts & Sciences and former director of the Teaching Center, has been named director of the institute. Davis will also be installed as the Robert S. Brookings Fellow.

A member of the faculty since 1968, Davis teaches and writes on American policy and public policy, with special focus on the presi-

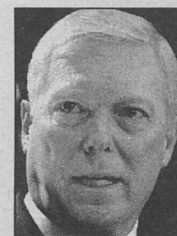
dency and national security policy. He has taught politics in the schools of business, engineering and social work, and has held numerous University administrative positions, including several years as vice chancellor.

"Our goal is to build this institute into a valuable, nonpartisan resource for the entire campus, one that will make important contributions to the St. Louis community and to the wider world of public service," Davis said. "We look forward to working with University schools, programs and faculty, many of whom already are doing important work in such areas as volunteerism, pro bono legal work and community health clinics."

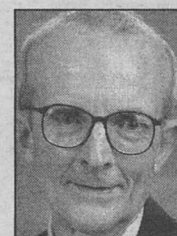
The Gephardt Institute will be housed temporarily in the Women's Building, before moving soon to Eliot Hall.

Kristin Lappin, a former congressional liaison in Gephardt's office, has been named the institute's assistant director. Lappin began working with the Gephardt in Congress Committee in 1990 and held various positions with

See Institute, Page 6



Gephardt



Davis



Lappin

United Way campaign goal is far exceeded — again

By ANDY CLENDENNEN

The generosity was evident even before the tsunami disaster halfway around the world.

This year, the University set a United Way campaign goal of \$525,000 — by far the highest in University history.

And the people have responded.

So far, campaign contributions have totaled slightly more than \$551,000, with more pledges still trickling in.

"We are so very grateful for the continuing generosity of our faculty and staff members," said Ann B. Prenatt, vice chancellor for human resources and campaign chair.

"Each year we raise our financial goal in order to help meet the growing need in the community, and each year our colleagues respond."

People can be assured that their contributions are going to the intended places. Fully 90 percent of contributions to the United Way of Greater St. Louis goes directly to providing services for people in the community, making it one of the highest assistance rates in the country.

The region is near the top in another area, too. Despite being the 18th-largest metro area in the nation, St. Louis is eighth in terms of support for

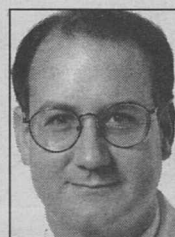
See Goal, Page 6

Obesity-diabetes link shows promise for therapy

By MICHAEL C. PURDY

School of Medicine scientists used genetically modified mice to uncover a potentially important link between diabetes and obesity.

By genetically altering production of a factor found in skeletal muscle, scientists produced mice that can't get fat but do develop early signs of diabetes. Reversing the alteration produced mice



Kelly

that can become obese but do not develop diabetes.

The study appears in the February issue of the journal *Cell Metabolism*.

The findings provide impor-

tant insights for scientists struggling to find new ways to cope with the unprecedented epidemic of obesity now spreading across the world.

Obesity brings with it a range of health consequences, including the sharply increased risk of type 2 diabetes, the most common form of diabetes.

Scientists broke the link to improve their understanding of the network of factors that lead from obesity to the onset of diabetes.

Based on what they learned, they applied a drug treatment in new transgenic mice and in a different, previously established mouse line that suffers from obesity and a diabetes-like condition.

In both groups, the drug increased insulin sensitivity — a primary goal of diabetes treatment.

"These results confirm that the links between obesity and dia-

betes show great promise as targets for new therapies that act as 'metabolic modulators' in muscle," said senior author Daniel P. Kelly, M.D., professor of medicine, of pediatrics and of molecular biology and pharmacology.

The findings reveal new details of the activities of the peroxisome proliferator-activated receptors (PPARs), a family of receptors that affects the way cells respond to energy resources.

Diabetes disrupts the body's ability to manage energy resources, including both fat and sugar.

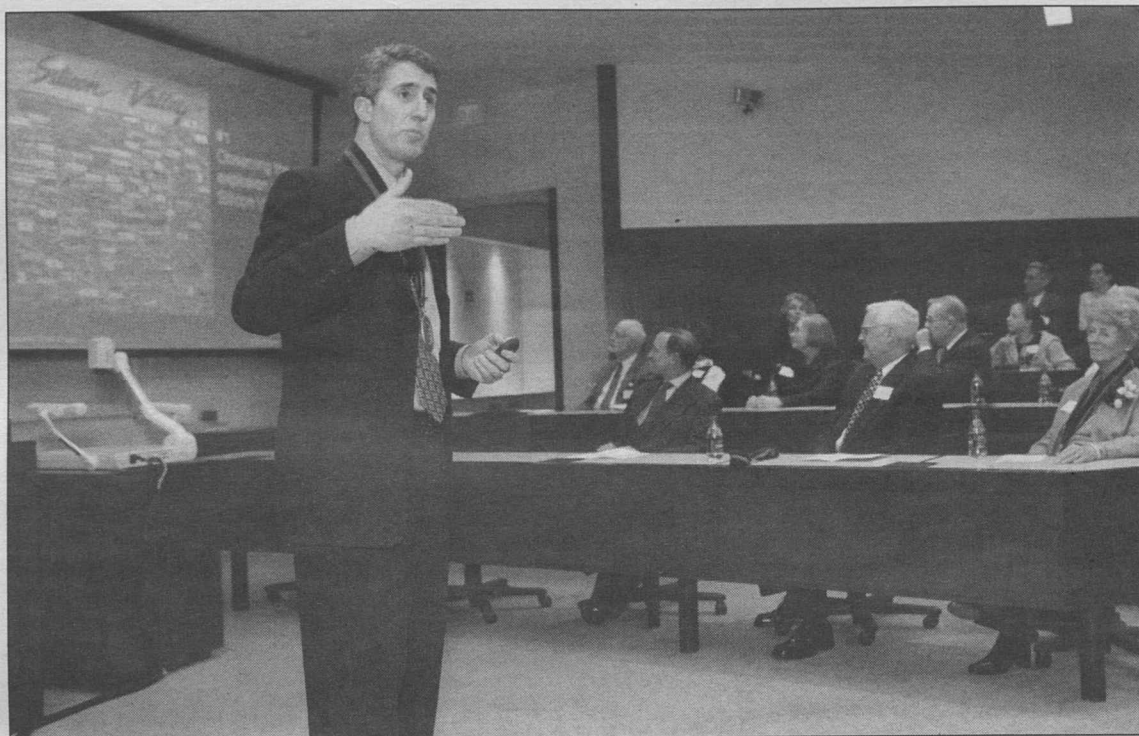
Insulin is a primary regulator of these resources. When the intake of calories exceeds the ability of the body to store them, insulin does not work as well, leading to an increase in blood sugar levels.

The work by Kelly's team shows that this problem starts by

See Diabetes, Page 6



3 2201 20337 2186



Todd R. Zenger, Ph.D., gives a presentation of his scholarly work during his installation as the first Robert and Barbara Frick Professor in Business Feb. 10 in the Charles F. Knight Executive Education Center. "This professorship is extremely important to ensure that high-quality teaching and scholarship continue for generations to come in the Olin School," said Dean Stuart I. Greenbaum, Ph.D., also the Bank of America Professor of Managerial Leadership.

Olin's Zenger installed as Frick professor

By BARBARA REA

Alumnus Robert Frick and his wife, Barbara, have established a professorship in the Olin School of Business.

Their gift of \$1.2 million, which has been augmented with \$300,000 from the University's Sesquicentennial Endowed Professorship Challenge, created the Robert and Barbara Frick Professorship in Business. Todd R. Zenger, Ph.D., was installed as the first holder Feb. 10 in the Charles F. Knight Executive Education Center.

"Washington University and the Olin School benefit tremendously from this very generous gift of Barbara and Robert Frick," Chancellor Mark S. Wrighton said. "We are very grateful and honored for their trust and support of our academic mission."

Stuart I. Greenbaum, Ph.D., Olin School dean and the Bank of America Professor of Managerial Leadership, said: "This professorship is extremely important

to ensure that high-quality teaching and scholarship continue for generations to come in the Olin School. I am pleased that Todd R. Zenger is the inaugural holder, to recognize his outstanding contributions to the academic enterprise."

Zenger joined the Olin School faculty in 1990 as assistant professor of organization and strategy. He was promoted to associate professor in 1995 and professor in 1998.

He has served as senior associate dean for academic affairs and as a resident fellow in the Olin School's Center for Business, Law and Economics.

Zenger directs the executive master of business administration (E.M.B.A.) program, and in 1995 he received the E.M.B.A. Teacher of the Year Award.

He teaches a range of courses from undergraduate to doctoral, covering subjects including corporate strategy, organizational economics, organization design and management.

Among his research interests are economic theories of firms, compensation, organizational design, business strategy and managing technology.

Zenger is widely published in journals. In addition, he is associate editor for *Management Science* and serves on the editorial boards of *Academy of Management Review*, *Organization Science* and *Strategic Organization*.

He earned a bachelor's degree from Stanford University and a doctorate from the University of California, Los Angeles.

Robert W. Frick, a native St. Louisan, earned an undergraduate degree in 1960 from the School of Engineering & Applied Science in civil engineering and a master of business administration degree in 1962 from the Olin School.

A veteran of the banking industry, Frick joined Bank of America in 1963 and worked in corporate finance until 1974, when he joined Measurix Corp. as a director and vice president of finance.

He rejoined Bank of America a few years later and rose through the ranks. While with the bank, he was located in San Francisco, Tokyo and London. He served in a number of positions, including president of the bank's venture capital subsidiaries and chief financial officer.

Frick retired in 1988 as vice chairman of its board of directors and head of its world banking group.

He then joined his wife in growing her successful real-estate business, K.E.S. Management, in the San Francisco area, where they live.

In addition to his work in real estate, Frick teaches business strategy in the E.M.B.A. program at St. Mary's College of California, and serves on the boards of seven companies headquartered on the West Coast.

Frick's ties with the Olin School are strong, and he is a dedicated volunteer for his alma mater.

Since 1987, he has chaired the San Francisco Eliot Society Committee, and he has also served on a number of committees, including the San Francisco Regional Cabinet and the Regional Campaign Committee.

He serves on the Olin School's national council. He received the school's Distinguished Alumni Award in 1988.

Barbara Frick is a graduate of the University of Kansas, where she earned a bachelor's degree, and of San Jose State University, where she earned a master's degree.

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 percent or more, or rated at 10 or 20 percent, 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 Feb. 28, 1961, and May 7, 1975; or (2) between Aug. 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 Feb. 28, 1961, and May 7, 1975; or (2) between Aug. 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, vice chancellor for 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

Latin student festival Feb. 24

The Annika Rodriguez Scholarship Program and the Association of Latin American Students will present "In The Works: An Exhibition of Latino Contributions" from 7-9 p.m. Feb. 24 in Whitaker Hall.

The event will feature an exhibit of original student work, including academic research, live

Mariachi music and theatrical performances. Ilan Stavans, the Lewis-Sebring Professor in Latin American and Latino Culture at Amherst College, will speak.

"In The Works" is the first student-organized Latino symposium at WUSTL.

For more information, e-mail alas@restech.wustl.edu.

Record

Founded in 1905 — Washington University community news

Associate Vice Chancellor Judith Jasper Leicht
Executive Editor Susan Killenberg McGinn
Editor Kevin M. Kiley
Associate Editor Andy Clendennen
Assistant Editor Neil Schoenherr
Medical News Editor Kim Leydig
Calendar Coordinator Genevieve Podleski
Print Production Carl Jacobs
Online Production Alice Marre

News & Comments

(314) 935-6603
Campus Box 1070
kiley@wustl.edu

Medical News

(314) 286-0119
Campus Box 8508
leydig@wustl.edu

Calendar Submissions


Fax: (314) 935-4259
Campus Box 1070
recordcalendar@wustl.edu

Record (USPS 600-430; ISSN 1043-0520), Volume 29, Number 22/Feb. 18, 2005. Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130. Periodicals postage paid at St. Louis, MO.

Where to send address changes

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

Free traveler's vehicle inspection

By ANDY CLENDENNEN

On Feb. 26, WUSTL Police and Parking Services, in partnership with Hartmann's Towing, will once again sponsor a free traveler's vehicle inspection service to students, faculty and staff.

Persons anticipating traveling by car for spring break can bring their vehicle to the park-

ing lot outside the Police/Parking Office on the South 40 between noon-3 p.m. for a free inspection.

Staff will check tire pressure, fluid levels, wipers, headlights and taillights. Local businesses have donated oil and windshield washer fluid to help top off fluids before traveling.

For more information, call 935-5084.

School of Medicine Update

Genetic disorder center offers complete care

By KIM LEYDIG

In an ongoing effort to combat neurofibromatosis, School of Medicine researchers have established the Washington University NF Center — a one-of-a-kind institute for collaborative and interdisciplinary research on these complex genetic disorders.

"Our goal is to develop effective therapies for individuals with NF," said David H. Gutmann, M.D., Ph.D., center director and the Donald O. Schnuck Family Professor of Neurology. "To achieve this goal, we must understand the function of the NF genes in health and disease."

The comprehensive center provides complete care for patients with NF, a complex genetic disorder that is more widespread than cystic fibrosis, Huntington's disease, hereditary muscular dystrophy and Tay Sachs disease combined.

NF affects almost every organ system, causing a predisposition for tumors to grow on nerves in the brain and throughout the body.

The center's mission is to galvanize and promote NF research, achieve significant breakthroughs in the diagnosis and treatment of nervous-system tumors, while establishing the University as an international beacon for NF research.

"Our team aims for a future in which early diagnosis will be followed by an accurate assessment of how an individual's disease is likely to progress and the use of tailored treatments specifically targeted to that individual's medical problems," said Gutmann, also a professor of genetics and of pediatrics.

"These advances will not only benefit individuals affected with NF, but will also have significant impact on the treatment of children and adults with similar medical problems."

Mouse model offers unique insight into tumor diagnosis

By GILA Z. RECKESS

A recently developed mouse model of brain tumors common in the genetic disorder neurofibromatosis 1 (NF1) successfully mimics the human condition and provides unique insight into tumor development, diagnosis and treatment, according to University researchers.

After validating the model, the team made two important discoveries: New blood vessels and immune system cells may be essential to the initial formation of tumors and therefore may be promising drug targets; and brain images often used to determine the need for treatment may not be providing doctors with the information they need.

The study appeared in the January issue of the journal *Annals of Neurology*.

Of the two types of NF that have been identified, NF1 is among the world's most common genetic disorders, occurring in about one out of every 3,000 births. The disorder can lead to a variety of complications, including brain cancer.

The new line of mice develops tumors along the optic nerve and optic chiasm, which transmit visual information from the eye to the brain. This type of tumor, called an optic pathway glioma, is the most common tumor in children with NF1.

The course of tumor development also is similar to that seen in humans.

They also almost always occur in children, beginning to grow before age 5 and not progressing after age 10. A similar pattern occurred in the mice.

"Tumor cell growth is dramatically reduced after a few months in mice and after a few years in humans," said David H. Gutmann, M.D., Ph.D., the Donald O. Schnuck Family Professor of Neurology and professor of genetics and of pediatrics. "This

tells us there may be growth signals early in life that are critical for tumor formation and expansion."

Optic pathway gliomas in humans are typically surrounded by blood vessels and microglia, which are immune system cells in the brain.

The researchers found that by 3 weeks of age, the mutant mice had about four times the number of small blood vessels in the optic nerves and chiasm as control mice. Similarly, microglia were also found in these areas prior to tumor formation.

"The fact that recruitment of new blood vessels and infiltration of immune system cells occurs before actual tumor formation suggests that these events are important for the development of tumors," Gutmann said.

"That raises the possibility that agents that can prevent the supply of growth-promoting factors provided by new blood vessels and microglia may help treat NF1 brain tumors."

Next, researchers used the mouse model to investigate a clinical concern. Physicians rely on several tests, including MRI scans, to determine whether a child with an optic pathway glioma should undergo treatment.

The new mouse model suggests that MRI results may not correlate with tumor progression. Gutmann's team found both growing and stable optic pathway gliomas lit up equally brightly in MRIs of the mice.

"If this finding is also true in humans, this strongly argues that MRI scans alone are not reliable tests of tumor progression," Gutmann said.

"If we rely on them, we may be treating children with NF1 optic pathway gliomas who don't need to be treated. Using this mouse model, we hope to hone in on more accurate diagnostic, prognostic and treatment approaches."

Brain tumor study reveals why treatment fails

By GILA Z. RECKESS

Drugs used to treat the tumors common in people with a disorder called neurofibromatosis 1 (NF1) rarely work, and scientists now know why.

The chemotherapy drugs target a group of related proteins, call RAS proteins, which are thought to be responsible for these tumors.

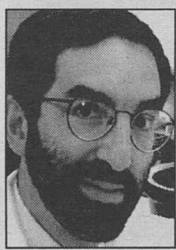
But University researchers found that the disease affects only one member of the protein family, and it happens to be the one form of RAS that does not respond well to these particular treatments.

The study, which appeared in the Jan. 1 issue of the journal *Cancer Research*, suggested where researchers should look for more promising approaches to treating NF tumors, and may help scientists understand other cancers related to RAS.

"The downside is our study proves that we may not be using the right therapies for this particular problem," said principal investigator David H. Gutmann, M.D., Ph.D., the Donald O. Schnuck Family Professor of Neurology and professor of genetics and of pediatrics.

"But we should now be able to explore new, more effective treatment options."

When scientists learned that RAS proteins become overly



"The downside is our study proves that we may not be using the right therapies ... But we should now be able to explore new, more effective treatment options."

DAVID H. GUTMANN

active when both copies of the NF1 gene are abnormal, they tried treating tumors with drugs that prevent RAS activity. The results were disappointing.

To understand why, Gutmann's team examined whether all forms of RAS proteins are overactive in cells lacking both copies of the NF1 gene.

Postdoctoral fellow Biplab Dasgupta, Ph.D., studied support cells in the brain called astrocytes, which are often affected in NF1.

Surprisingly, only one member of the protein family, K-RAS, was significantly affected, suggesting it is an important factor in this disease.

They showed that activated K-RAS in normal astrocytes resulted in many of the same characteristics and activities of cells lacking NF1, and that decreasing K-RAS activity in NF1-deficient astrocytes reversed these abnormalities.

Building on a prior discovery, Gutmann's team showed that

when K-RAS was overly active in astrocytes of mice with two normal copies of NF1, the cells multiplied but did not develop brain tumors.

However, brain tumors did form when K-RAS was activated in astrocytes of mice lacking one copy of NF1 in all cells.

The research team already has made progress toward that goal.

Too much RAS and too little NF1 are both known to result in a cascade of biochemical events.

Gutmann and his colleagues found that this cascade could be mimicked in normal astrocytes by selectively activating K-RAS.

"Collectively, these results suggest that K-RAS activation, specifically, is the biological equivalent of NF1 loss in astrocytes," Gutmann said.

"If we can understand what K-RAS does that's unique, we should be able to develop more effective targeted therapies for NF1-associated brain tumors."



Devoted to diabetes Emil R. Unanue, M.D. (left), the Edward Mallinckrodt Professor and head of the Department of Pathology and Immunology, thanks Charles Kilo, M.D., clinical professor of medicine, for his longtime support of the department at the Jan. 25 unveiling ceremony of Kilo's portrait. After the National Institutes of Health failed to fund proposed diabetes research, Kilo co-founded the Kilo Diabetes & Vascular Research Foundation in 1972 to support a research lab at the University. Since then, the foundation has raised millions of dollars and has sponsored research that has significantly contributed to the development of diabetes medications and treatments. The foundation, which Kilo chairs, also holds an annual symposium about the latest developments in diabetes research and clinical care.

Siteman extends cancer care to St. Charles

By KIM LEYDIG

World-class cancer care is coming to St. Charles County.

The Siteman Cancer Center, the School of Medicine and Barnes-Jewish St. Peters Hospital recently announced a partnership that will bring a new cancer center to the campus of Barnes-Jewish St. Peters Hospital.

Slated to open this fall, the \$7 million facility will combine the convenience of a community hospital with the expertise of a nationally renowned cancer center and medical school, allowing patients access to School of Medicine research and clinical trials.

"We are pleased that through this partnership we are able to bring these high-caliber services to the people of St. Charles and its surrounding communities," said Timothy J. Eberlein, M.D., director of the Siteman Cancer Center.

In January, the Siteman Cancer Center joined the highest-ranking cancer research and treatment institutions with a designation by the National Cancer Institute (NCI) as a Comprehensive Cancer Center.

This distinction recognizes Siteman's broad-based research, outreach and educational activities — and provides Siteman with

\$21 million in research funding, adding to the \$130 million in cancer research grants already held by researchers and clinicians affiliated with Siteman.

"Being prepared to bring cutting-edge clinical services and clinical research studies to our community in the most convenient manner possible is part of what it means to be an NCI-designated comprehensive cancer center," said Eberlein, also the Spencer T. and Ann W. Olin Distinguished Professor, the Bixby Professor and head of the Department of Surgery.

Medical oncologist Timothy Pluard, M.D., has been named the medical director of the St. Charles center.

Trained at WUSTL School of Medicine and Harvard Medical School, Pluard brings more than 15 years experience as a medical oncologist to the center. He began seeing patients on both the Medical and St. Peters campuses Feb. 1.

The Siteman Cancer Center at Barnes-Jewish St. Peters Hospital will offer a complete array of services, including medical and radiation oncology; cancer screening programs; and a full range of educational, nutritional, spiritual and support services for cancer patients and their families.

University Events

Bloody Poetry • Baseball • Why Marriage?

"University Events" lists a portion of the activities taking place Feb. 18-March 3 at Washington University. Visit the Web for expanded calendars for the Hilltop Campus (calendar.wustl.edu) and the School of Medicine (medschool.wustl.edu/calendars.html).

Exhibits

Inside Out Loud: Visualizing Women's Health in Contemporary Art. Through April 24. Kemper Art Museum. 935-4523.

Film

Sunday, Feb. 20

1 p.m. French Film Series. *Raja*. Jacques Doillon, dir. Brown Hall, Rm. 100. 935-4056.

Sunday, Feb. 27

1 p.m. French Film Series. *Son Frère*. Patrice Chéreau, dir. Brown Hall, Rm. 100. 935-4056.

Lectures

Friday, Feb. 18

11 a.m. Computer Science & Engineering Colloquium Series. "Securing Network Routing." Yin-Chun Hu, postdoctoral researcher, dept. of computer science, U. of Calif., Berkeley. Cupples II Hall, Rm. 217. 935-6129

Noon. Cell Biology & Physiology Seminar. "Influenza A Virus M2 Protein as a Coordinator of Virus Entry." Andrew Pekosz, asst. prof. of molecular microbiology and of pathology & immunology. McDonnell Medical Sciences Bldg., Rm. 426. 362-7437.

12:30-4:30 p.m. St. Louis STD/HIV Prevention Training Center CME Course. "STD Laboratory Methods." Cost: \$75. University of Mo.-St. Louis campus. For location and to register: 747-1522.

3 p.m. Joint Center for East Asian Studies Symposium. "Traditional Religious Practices in Contemporary East Asia." James E. Ketelaar, prof. of modern Japanese history & dir., Center for East Asian Studies, U. of Chicago, and Zhiru Ng, asst. prof. of religious studies, Pomona College. (Reception follows.) Women's Bldg. Formal Lounge. 935-4448.

Monday, Feb. 21

Noon. Mallinckrodt Institute of Radiology Lecture. Annual Hyman R. Senturia Lecture. "The Paradigm Shift From Lifetime to 10-year Time-limited Certificates: The ABR Maintenance of Certification Plan." Robert Hattery, exec. dir., American Board of Radiology. Scarpellino Aud., 510 S. Kingshighway Blvd. 362-2866.

Noon. Molecular Biology & Pharmacology Seminar. "The Regulation of Drosophila Aging by Insulin and Its Transcription Factor FOXO." Marc Tatar, assoc. prof. of biology & medicine, Brown U. South Bldg., Rm. 3907, Philip Needleman Library. 362-0183.

4 p.m. Immunology Research Seminar Series. "Emerging Views on the Roles of Protein Kinase C- θ (PKC θ) in T Cell Biology." Amnon Altman, division of cell biology, La Jolla Inst. for Allergy & Immunology. Eric P. Newman Education Center. 362-2763.

6:15 p.m. Germanic Languages & Literatures Lecture. "Vernichtendes Gefühl: Zur Affektdynamik von Scham und Schuld in Schillers Jungfrau von Orleans und Kleists Penthesilea." Claudia Benthien, assoc. prof. of German, Humboldt U., Berlin. Duncker Hall, Rm. 201, Hurst Lounge. 935-4360.

Tuesday, Feb. 22

Noon. Program in Physical Therapy Research Seminar. 4444 Forest Park Blvd., Rm. B108/B109. 286-1404.

12:30 p.m. Molecular Microbiology & Microbial Pathogenesis Seminar Series. "Mechanotransduction by *Neisseria gonorrhoeae* Type IV Pili: Role in Epithelial Cell Signaling and Gene Expression." Magdalene So, prof. & chair of molecular microbiology & immunology, Ore. Health Sciences U. Cori Aud., 4565 McKinley Ave. 286-2878.

4 p.m. Chemistry Seminar. "Synthesis and Characterization of Magnetic Zintl Phases and Group IV Nanoparticles." Susan M. Kauzlarich, prof. of chemistry, U. of Calif., Davis. McMillen Lab., Rm. 311. 935-6530.



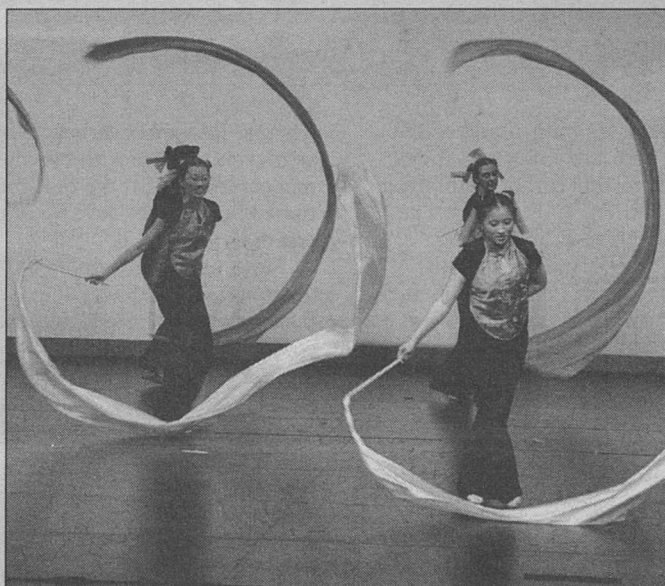
Happy New Year!

Several student groups helped ring in the Chinese New Year with performances Feb. 4-5 in Edison Theatre.

TOP: Students perform a Korean fan dance. Nature plays a very important role in Korean culture, and the fan dance is one way to celebrate its beauty. The dancers are wearing traditional Korean dress, known as Hanbok, with colors similar to a flower. By using the brightly colored fans, the dancers create the illusion of falling flower petals.

RIGHT: The ribbon dance is one of the most popular traditional Chinese dances. Performers wave long red and gold ribbons to celebrate the arrival of the New Year.

"This year, we were proud to present a new addition to our program, the Korean fan dance," said Adrienne Glore, associate dean of students. "By extending the Chinese New Year Festival beyond Chinese traditions, we hope to embrace the cultural diversity of Asian cultures that celebrate the lunar New Year."



Wednesday, Feb. 23

7:30 a.m.-6:15 p.m. Dept. of Surgery "Invitation Day." Featuring the Eugene M. Bricker Visiting Lecture in Surgery. Cost: \$200. Eric P. Newman Education Center. For more information and to register: 362-6891.

11 a.m. Assembly Series. Thomas Fulbright Lecture in History. "George Washington's Remarkable Generation." R. Don Higginbotham, Dowd Professor of American History, U. of N.C. Graham Chapel. 935-4620.

11:30 a.m.-3:30 p.m. Inaugural Postdoc Scientific Symposium. Open to all WUSTL faculty, staff and postdoctoral students. (3:30-5:30 p.m. postdoctoral poster session & happy hour, McDonnell Pediatric Research Bldg.) Eric P. Newman Education Center. RSVP: 362-2591.

4 p.m. Biochemistry & Molecular Biophysics Seminar. "How Do Proteins Accommodate Charge in Their Hydrophobic Interior?" Bertrand Garcia-Moreno, prof. of biophysics, Johns Hopkins U. Cori Aud., 4565 McKinley Ave. 362-0261.

4 p.m. Physics Colloquium. "Randomly Packed Particles: K-core Percolation and the Geometry of Jamming." Jennifer M. Schwarz, dept. of physics & astronomy, U. of Penn. (3:30 p.m. coffee, Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

Thursday, Feb. 24

7:30 a.m.-5:40 p.m. Dept. of Surgery CME Course. "Refresher Course & Update in General Surgery." (Continues 7:30 a.m.-9:30 p.m. Feb. 25 and 7:30 a.m.-5 p.m. Feb. 26.) Cost: \$450 for physicians, \$375 for physicians in training and allied health professionals. The Ritz-Carlton, St. Louis, 100 Carondelet Plaza. For more information and to register: 362-6891.

3 p.m. Chemistry Seminar. "Multi-scale Modeling of Sol-gel Materials and Capillary Phenomena." Lev Gelb, asst. prof. of chemistry. McMillen Lab., Rm. 311. 935-6530.

4 p.m. Italian Studies Lecture. Annual Paul Rava Memorial Lecture. "When

How to submit 'University Events'

Submit "University Events" items to Genevieve Podleski of the Record staff via:

- (1) e-mail — recordcalendar@wustl.edu;
- (2) campus mail — Campus Box 1070; or
- (3) fax — 935-4259.

Upon request, forms for submitting events may be e-mailed, mailed or faxed to departments to be filled out and returned.

University Events lists happenings sponsored by the University or its departments, schools, centers, organizations and recognized student organizations. It usually covers a 13-day time period from the Friday publication date to a week from the next Wednesday.

Europe Loses Its Magic: Massimo Bontempelli's "Europa." Keala Jewell, prof. of Italian, Dartmouth U. Women's Bldg. Formal Lounge. 935-5175.

4 p.m. Ophthalmology & Visual Sciences Seminar. "Notch Signaling in Development and Disease." Raphael Kopan, prof. of molecular biology & pharmacology and of medicine. Maternity Bldg., Rm. 725. 362-1006.

Friday, Feb. 25

Noon. Cell Biology & Physiology Seminar. "Mitotic Regulators as Tumor Suppressors and Targets for Anti-tumor Therapeutics." Loren Michel, asst. prof. of anatomy & cell biology, U. of Ks. McDonnell Medical Sciences Bldg., Rm. 426. 362-1668.

12:30-4:30 p.m. St. Louis STD/HIV Prevention Training Center CME Course. "HIV/STD Case Finding & Initial Care."

Cost: \$50. University of Mo.-St. Louis campus. For location and to register: 747-1522.

7 p.m. Kemper Art Museum Friday Forum. "On the Body: Women, Health and Contemporary Culture." Barbara Baumgartner, assoc. dir. and lecturer, program in women & gender studies, and Rebecca Lester, asst. prof. of anthropology and the program in medicine & society. (6:30 p.m. reception.) Cost: \$10, \$5 for students. For reservations: 935-5490.

Saturday, Feb. 26

8 a.m.-12:40 p.m. Annual Update in Cardiovascular Diseases and Hypertension. Eric P. Newman Education Center. Registration fee: \$65. 362-6891.

Monday, Feb. 28

Noon. Work, Families, and Public Policy Brown Bag Seminar Series. "Why Marriage?" Anita Bernstein, Sam Nunn Professor of Law, Emory U. Eliot Hall, Rm. 300. 935-4918.

2:30 p.m. Chemical Engineering Seminar Series. "Protein Disorder and Implications for Self-Assembly." Rohit Pappu, asst. prof. of biomedical engineering. Cupples II Hall, Rm. 100. 935-6070

3 p.m. Whitney R. Harris Institute for Global Legal Studies Lecture. "America & Europe: Mars vs. Venus?" Michael Rühle, head of Policy Planning and Speech Writing Section of the Political Affairs Div., NATO. Co-sponsored by the American Council on Germany and the International Law Society. Anheuser-Busch Hall, Rm. 310. 935-7988.

4 p.m. Immunology Research Seminar Series. "The Perforin-granzyme System: What Is It Really for and How Does It Work?" Tim Ley, Alan A. and Edith L. Wolff Professor of Medicine. Eric P. Newman Education Center. 362-2763.

4:15 p.m. Earth & Planetary Sciences Colloquium. "Pyroxene as a Recorder of Oxygen Fugacity: Implications for the Martian Interior." Molly McCanta, Urey Postdoctoral Fellow, Lunar & Planetary Inst., Houston. Earth & Planetary Sciences Bldg., Rm. 203. 935-5610.

Wednesday, March 2

11 a.m. Assembly Series. "The Impact of Media on Women's Health." Judy Norsigian, exec. dir., Our Bodies, Ourselves organization. Presented in conjunction with the Kemper Art Museum's *Inside Out Loud: Visualizing Women's Health in Contemporary Art* exhibition. Graham Chapel. 935-4620.

4 p.m. Biochemistry & Molecular Biophysics Seminar. "Metal Ion Sensing in Yeast: Transcriptional Regulation by Copper, Iron and Zinc Ions." Dennis Winge, prof. of biochemistry, U. of Utah. Cori Aud., 4565 McKinley Ave. 362-0261.

Thursday, March 3

Noon. Center for Health Policy Ethnic & Racial Disparities in Health Care Brown Bag Seminar Series. "Health Disparities in Medicare Patients in a Hospital Setting." Don Nichols, assoc. prof. of economics. Simon Hall, Rm. 241. 935-9108.

Music

Sunday, Feb. 20

3 p.m. Concert. "Le Tombeau de Couperin." Washington University Symphony Orchestra, Dan Presgrave, conductor. Graham Chapel. 935-4841.

On Stage

Friday, Feb. 18

7 p.m. Kemper Art Museum Presentation. *She's Hideous* by Eric Dienstfrey. Organized in conjunction with the Dept. of Music. Kemper Art Museum. 935-4523.

8 p.m. Performing Arts Department Presentation. *Bloody Poetry* by Howard Brenton. Jason Cannon, dir. (Also 8 p.m. Feb. 19; 2 p.m. Feb. 19 & 20.) Cost: \$12, \$8 for seniors, students, WUSTL faculty & staff. Mallinckrodt Student Center, A.E. Hotchner Studio Theatre. 935-6543.

Sports

Friday, Feb. 18

6 p.m. Women's Basketball vs. Carnegie Mellon U. Athletic Complex. 935-4705.

8 p.m. Men's Basketball vs. Carnegie Mellon U. Athletic Complex. 935-4705.

Sunday, Feb. 20

Noon. Men's Basketball vs. U. of Rochester. Athletic Complex. 935-4705.

2 p.m. Women's Basketball vs. U. of Rochester. Athletic Complex. 935-4705.

Saturday, Feb. 26

Noon. Baseball vs. Fontbonne U. Kelly Field. 935-4705

1 p.m. Women's Basketball vs. U. of Chicago. Athletic Complex. 935-4705.

3 p.m. Men's Basketball vs. U. of Chicago. Athletic Complex. 935-4705.

Sunday, Feb. 27

Noon. Baseball vs. Webster U. Kelly Field. 935-4705.

Tuesday, March 1

1:30 p.m. Baseball vs. Westminster College. Kelly Field. 935-4705.

And more...

Monday, Feb. 21

3:30 p.m. Career Center Event. Resume & Cover Letter Writing. Umrath Hall, Rm. 157, The Career Center. 935-5930.

Tuesday, Feb. 22

5 p.m. Career Center Event. Job Search Strategies. Umrath Hall, Rm. 157, The Career Center. 935-5930.

Wednesday, Feb. 23

5 p.m. Career Center Event. Interviewing Skills 101. Umrath Hall, Rm. 157, The Career Center. 935-5930.

Saturday, Feb. 26

Noon-1 p.m. Career Center Event. Sophomore Saturday. Urso's Café. 935-5930.

1-3 p.m. Career Center Event. Summer Opportunities Fair. Urso's Fireside Lounge. 935-5930.

Sports

Women's basketball team in first-place tie

The No. 13 women's basketball team picked up two conference road wins to jump back into a first-place tie in the University Athletic Association race.

On Feb. 11, WUSTL notched a 73-49 win at Emory University in Atlanta. Senior Hallie Hutchens scored a game-high 20 points and pulled down six boards in the win. The Bears pounded the ball into the post early in the first half, scoring 16 points in the paint during a spree that left them ahead 25-8. Junior Katie Benson contributed 10 points off the bench for the Bears in the first half, as WUSTL took a 47-16 lead into the locker room and never looked back.

WUSTL then knocked off Case Western Reserve University, 76-62, in Cleveland on Feb. 13. Hutchens again highlighted WUSTL's day, as she recorded her 1,000th career point. Hutchens, with 1,013 career points, is just one of eight players in Bears history to achieve the milestone.

Swimmers, divers take 2nd at championships

The women's swimming and diving team finished second (639 points) Feb. 10-12 at the UAA Championships, behind first-place Emory (1,098.5).

The WUSTL men (482) finished fourth, while Emory (882.5) also won the men's field.

Freshman Meredith Nordbrock won two of her five individual titles on the final day of competition. She clocked a 2:05.45 in the 200-yard backstroke. The time — an NCAA "A" cut and a school record by more than two seconds — gave Nordbrock a total of four individual titles on the weekend. She also won the 100 back, 200 individual medley and helped the Bears to the 400-medley relay title.

Nordbrock picked up her fifth title of the weekend in the 400-free relay. She anchored the squad that included junior Jenny Scott, freshman Katie Hodges and senior Brianna Krull that posted a team season-best time of 3:36.23. For her efforts, Nordbrock garnered UAA Women's Swimmer of the Meet and UAA Women's Rookie of the Year accolades.

Junior Michael Slavik highlighted the Bears men's squad. Slavik placed second in the 200 free (1:41.88). Freshman Ross Vimr placed third in the 500 free, clocking a time of 4:39.87. The Bears' UAA Championship week totals include seven individual titles, two school records and four NCAA "A" cuts.

Men's tennis squad upends Eastern Illinois

The No. 13 men's tennis team opened the 2005 season with a 6-1 win over Division I Eastern Illinois Feb. 11 at the Sport Vetta Hampshire Tennis Club. The Bears captured the doubles point by winning two of the three doubles matches. Juniors Eric Borden and Zack Fayne teamed up to post a 8-6 win at No. 2 doubles, while junior William McMahan and freshman Charlie Howard netted an 8-4 win at No. 3 doubles.

In singles, WUSTL won five of six matches in singles as Fayne, McMahan, Borden, Howard and sophomore Chris Kuppler each netted victories.

Track & field wins Illinois College Invite

The men's and women's track and field teams won the Illinois College Invitational Feb. 12 in Jackson, Ill. The men recorded 125 points; the women notched 144 points.

Sophomore Delaina Martin,

who again broke the school record in the weight throw, led the women. Martin recorded a throw of 15.48 meters (50-9 1/2), good for an NCAA "B" cut.

The women's 1,600-meter relay squad also shattered the WUSTL record, clocking a 3:57.33 to provisionally qualify for the NCAA Indoor Championships. Among the other women's winners, junior Julie McDermitt won the 200-meter dash in a time of 26.79. Junior Laura Ehret took first place in the 800, recording a time of 2:20.85 — a little more than a second shy of the school record. Junior Leah Sabin also won the long jump with a leap of 5.25 meters (16-8), while freshman Cristina Garmendia took first in the triple jump (10.70m, 34-1).

On the men's side, Lance Moen won the 400 (50.30) and the 1,600-meter relay (3:23.28) finished first.

Juniors Karl Zelik and Drew Martin highlighted the Bears' field events competitors. Zelik won the long jump with a team season-best mark of 6.71 meters (22-1/4), while Martin took first in the shot put with a throw of 15.13 meters (49-7 3/4).

Men's basketball splits league road contests

The men's basketball team moved its overall record to 14-8 as the Bears posted a 1-1 mark last weekend. On Feb. 11, the Bears could not recover from an early 15-0 deficit in suffering an 80-64 loss at Emory.

Junior Scott Stone led the Bears with 11 points, while sophomore Brandon York and freshman Troy Ruths added 10 points off the bench.

Two days later, the Bears posted an 83-63 win at Case Western Reserve. Washington U. finished 10-of-37 from 3-point range, breaking the school record of 35 attempts, set in 1995-96 against Hamilton College. The 37 attempts also broke a UAA record. Senior Rob Keller led the Bears with 17 points and seven rebounds, while Stone and Ruths added 11 points apiece.

Women's tennis loses to D-I Eastern Illinois

The No. 16 women's tennis team dropped a 5-4 decision to Division I foe Eastern Illinois University Feb. 11 at Sport Vetta Hampshire. The Bears won four of the six singles matches, but could not manage to win a doubles match.

Softball team ranked preseason No. 9

The softball team is ranked No. 9 in the National Fastpitch Coaches Association Preseason Top 25. Last season, the Bears won their second UAA championship in school history and finished 33-5 and a No. 16 national ranking.

The Bears return 12 letterwinners and seven starters from last season, including first-team All-American Liz Swary and third-team All-American Laurel Sagartz.

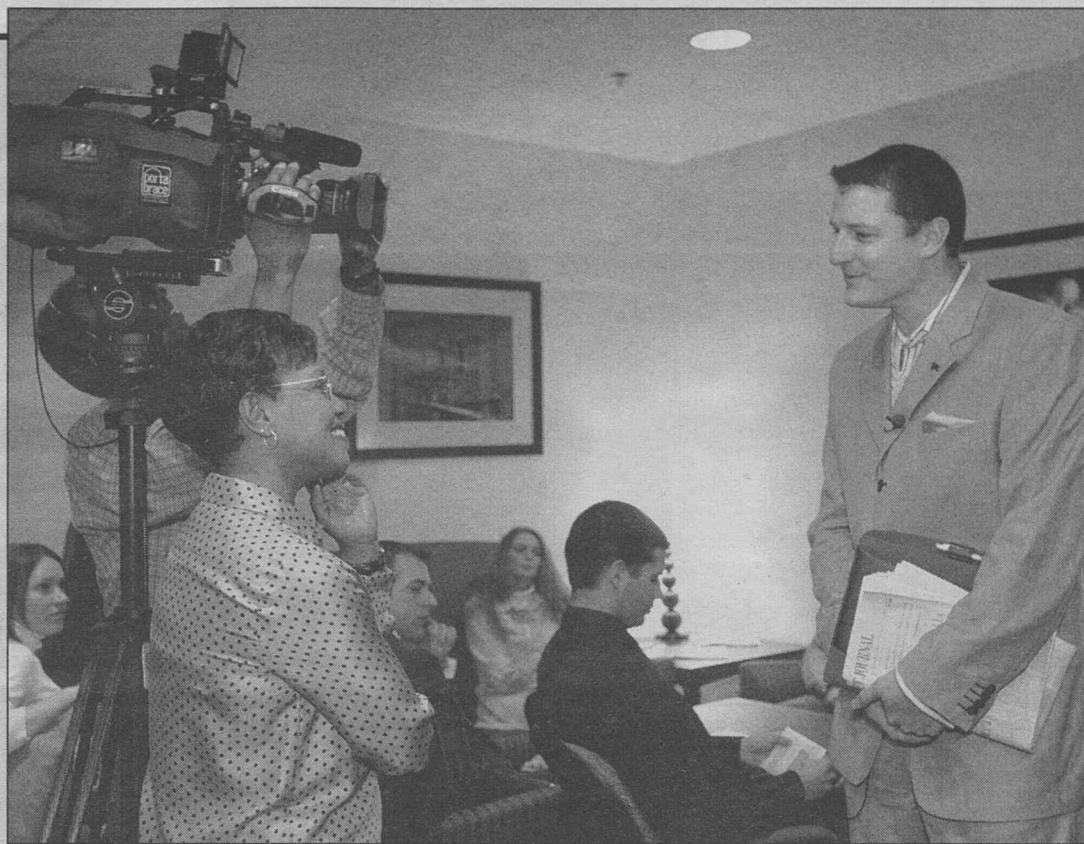
The Bears open March 5.

Basketball games on Charter Channel 3

The men's and women's basketball teams will be broadcast for the second time this season on Charter TV Cable Channel 3 on a tape-delay basis.

Today's doubleheader against UAA rival Carnegie Mellon will be filmed and re-broadcast Feb. 19. The men's game will be aired at 1:30 p.m.; the women will be broadcast at 10 p.m.

The men's contest will be re-aired at 10 a.m. Feb. 21 and the women's can be seen a second time at 10 p.m. that same day.



Students try out for the small screen First-year master of business administration student Brian Barnes explains to Sharon Stevens of KSDK-TV his motivations for trying out for the reality television show *The Apprentice*. About 50 students — mostly from the Olin School of Business — put on their best suits and came to the Weston Career Resources Center at the Charles F. Knight Executive Education Center Feb. 10 to prove they have the ambition and character to compete to be Donald Trump's apprentice for a year. *The Apprentice's* producers interviewed students for the show's fourth season — which will feature Trump — as well as its fifth, when Martha Stewart will take the helm.

Higginbotham to deliver Fulbright lecture

BY KURT MUELLER

R. Don Higginbotham, a leading expert on the American Revolution and George Washington, will deliver the annual Thomas Fulbright Lecture in History at 11 a.m. Feb. 23 in Graham Chapel as part of the Assembly Series. His talk is titled "George Washington's Remarkable Generation."

As the Dowd Professor of American History at the University of North Carolina, Higginbotham's research interests are primarily in American history to 1815. He has also written on comparative revolution — America and Mexico, American and Vietnam, and the American and Confederate revolutions — as well as leadership roles.

As an authority on George Washington and the American Revolution, in his book *George Washington: Uniting a Nation* (2002), he focuses on Washington's role in the formation of the state and argues that Washington's greatest contribution to American life was creating a sense of American unity.

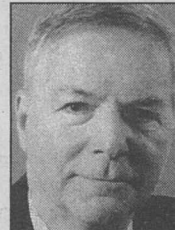
Higginbotham is working on a nonmilitary study of Washington and his relationship to the revolution. Some of his other works include *George Washing-*

ton Reconsidered: Selected Essays (2001), *War and Society in Revolutionary America* (1998) *George Washington and the American Military Tradition* (1985), and numerous journal articles.

After earning a master's at WUSTL in 1954, Higginbotham earned a doctorate at Duke University in 1958.

Besides his research and teaching responsibilities at North Carolina, he has also taught at West Point Military Academy, where he frequently returns to lecture.

Assembly Series lectures are free and open to the public. For more information, call 935-4620 or go online to assemblyseries.wustl.edu.



Higginbotham

'Gowns in the Gallery' to display student fashion

BY LIAM OTTEN

Junior and senior fashion design students from the School of Art will show their latest couture creations at "Gowns in the Gallery" Feb. 24.

The showing, which is free and open to the public, will take place from 6-8 p.m. at the School of Art's Des Lee Gallery, located downtown in the University Lofts building, 1627 Washington Ave.

"Gowns in the Gallery" will feature a variety of evening dresses by the fashion program's 13 senior and five junior designers, who will be on hand to discuss the finer points of color, construction and other details both large and small.

The show also offers an early look at this year's Washington University Fashion Show, a full-blown Paris-style extravaganza hitting the catwalk May 1 at Saint Louis Galleria.

Both "Gowns" and the May extravaganza provide valuable professional experience for young designers

preparing to launch careers in the fashion industry, said Leigh Singleton, area coordinator for fashion and a well-known designer.

Specifically, "Gowns" allows students to explain and promote their concepts and designs on a face-to-face basis, mimicking the settings in which professional buyers will one day make decisions about their work.

"Each designer will be standing with a model wearing a lovely ensemble, discussing their process, inspiration and techniques," Singleton said.

Attendees — armed with clipboards and pencils — are put in the role of fashion critic, evaluating how well pieces stack up against a checklist of specific design problems.

"You may evaluate as many, or as few of the students' works as you wish," Singleton said. "There will be light refreshments and loads of schmoozing. It is fashion, you know, so you are obligated to have an enjoyable time."

For more information, call 935-6500.

She's Hideous Kemper Art Museum to present one-act musical

When is ugly beautiful? Find out when the Mildred Lane Kemper Art Museum presents *She's Hideous*, an original one-act musical written and composed by Eric Dienstfrey.

The special, one-night-only performance will begin at 7:30 p.m. Feb. 18.

The performance is co-sponsored by the Department of Music in Arts & Sciences in conjunction with the Kemper Art Museum's *Inside Out Loud: Women's Health in Contemporary Art* (through April 24), the first ma-

jor exhibition ever dedicated to that topic.

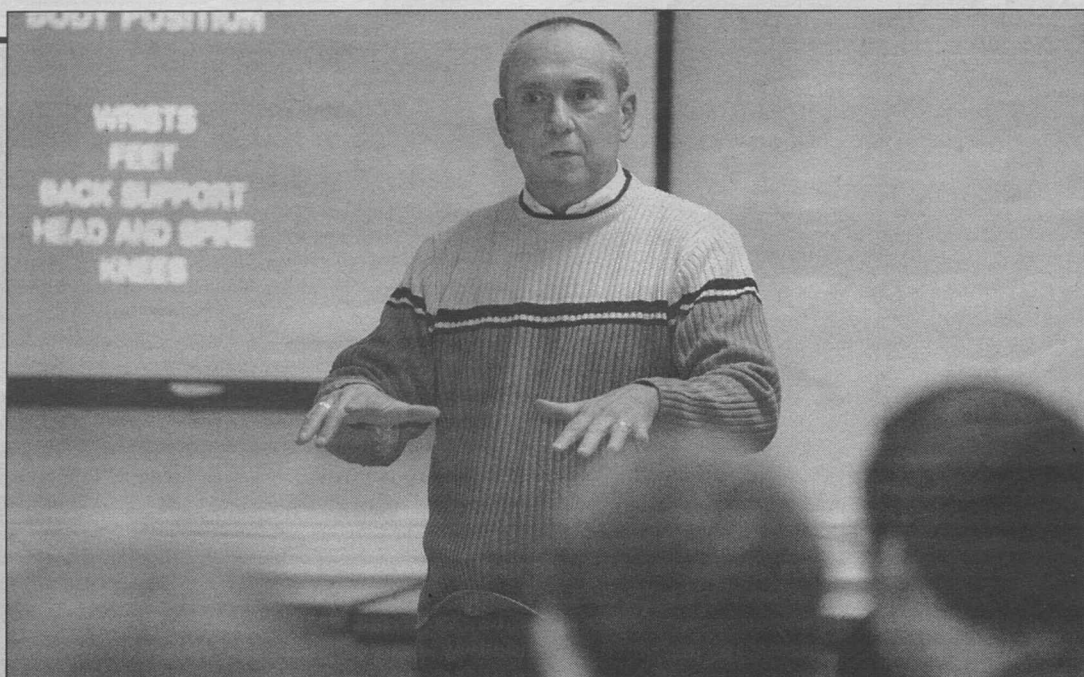
Set in 1920s Vienna, *She's Hideous* tells the darkly funny story of an expressionist painter (Colin DeVaughan) suffering a nasty case of artists' block. Things begin to look up, however, after a chance encounter with the farcically deformed Wanda (Amy Schwarz), who quickly becomes an unlikely muse.

Dienstfrey, a 2004 WUSTL graduate, wrote *She's Hideous* as a senior project and also serves as the show's director and pianist.

The score features six original — and often hilariously absurd — songs mixing the rigorous, atonal expressionism of Arnold Schoenberg with the lyrical, pop-kitsch sentimentality of Burt Bacharach.

She's Hideous received its world premiere in October in a pair of performances presented by New Line Theatre.

For more information, contact Stephanie Parrish at 935-7918 or stephanie_parrish@wustl.edu, or go online to kemperartmuseum.wustl.edu/calendar.



Sit up straight, for good reasons! Safety Coordinator Paul Landgraf leads a recent Brown Bag Lunch program on "Posture and Comfort" in the West Campus Conference Room. This is the second year of Landgraf's presentations, which are sponsored by the WUSTL Wellness Connection and the Office of Human Resources.

"My goal is to provide employees with tools they can use to eliminate bad posture and/or improper computer workstation setup," Landgraf said. "This will help people eliminate the constant stress that can cause fatigue, discomfort and pain over prolonged periods of time. Our focus is both body position and the workstation setup. We concentrate on discomfort factors relating to the eyes, neck, shoulders and upper back, elbows, wrists and hands, lower back and legs.

"For each discomfort, we recommend a body or equipment adjustment, and/or a change in the process to help eliminate or lessen the discomfort. Self-assessment handouts are provided, which the employees can do themselves. By answering a series of questions and then following the recommendations and adjustments, employees can improve their workstations not only for their comfort and setup, but also making themselves more productive."

The next in the series, "Propel Yourself Into Fitness," will be Feb. 22 in Lambert Lounge in Mallinckrodt Student Center and Feb. 24 in the West Campus Multipurpose Room. Those sessions will be led by Martha Tilman, director of the fitness center.

Schaal

— from Page 1

Schaal has also sat on numerous University committees, including the Academic Planning Committee in Arts & Sciences, the Curriculum Implementation Committee and the University Affirmative Action Committee. She serves on the National Research Council's (NRC) Board on Life Sciences and she chairs an NRC Committee on Agricultural Biotechnology.

"The National Academy of Sciences is one of the world's prestigious science academies, and its members have seen fit to elect Barbara Schaal as vice president," said Edward S. Macias, Ph.D., executive vice chancellor, dean of Arts & Sciences, and the Barbara and David Thomas Distinguished Professor in Arts & Sciences. "It's remarkable that she becomes the first woman elected vice president. This is a wonder-

ful honor for both Barbara and the University.

"It reflects the high esteem that her colleagues in the academy have for her, and her new title recognizes the commitment, wisdom, dedication and integrity that we've all seen first-hand from Barbara for decades."

The NAS has nearly 2,000 members and 350 foreign associates; more than 190 have won Nobel Prizes.

"This is a tremendous recognition for Barbara primarily, but also for our department and University," said Ralph S. Quatrano, Ph.D., the Spencer T. Olin Professor and biology department chair.

"Through her conscientious dedication and commitment to science and education, Barbara continues to achieve the highest levels of recognition.

"We are all very proud of her and of her accomplishments."

The NAS, the NRC, the National Academy of Engineering and the Institute of Medicine

comprise the National Academies, which bring together committees of experts to address critical national issues and give advice to the federal government and the public.

The National Academies are private, nonprofit institutions that issue more than 200 reports each year on subjects as varied as health care, astronomy, the environment, transportation, materials science, behavioral sciences, education and engineering. The academies maintain centers in Washington, D.C., Woods Hole, Mass., and Irvine, Calif.

Ralph J. Cicerone, chancellor of the University of California, Irvine, was elected president. The NAS president is a full-time employee of the organization, located at the academy's headquarters in Washington, D.C., and is also chair of the NRC.

In addition, four members were elected to the academy's governing council. Cicerone will serve a six-year term, and the new councilors for three years.

Institute

— from Page 1

his office through 2004. From 1997-99, she was a public affairs manager at the University of Missouri-St. Louis. She earned a bachelor's degree in business administration from the University of Missouri in 1990.

Plans call for the Gephhardt Institute to conduct programs and sponsor events aimed at helping individuals address important issues in communities and nations around the world. It will take an active role in public service activi-

ties, including efforts to recruit, train and enhance the contributions of volunteers and career public service professionals.

Programs may include the planning and coordination of community service programs, public affairs conferences, special lectures and internship programs. Internships in Washington, D.C., and elsewhere will be developed by the Gephhardt Institute to provide practical experiences for students interested in public service.

The Gephhardt Institute will work with University academic leaders to coordinate new and existing course offerings and other learning opportunities with the goal of enhancing the prepa-

ration of students for careers and lives of public service. As resources grow, the institute will pursue scholarly work designed to increase understanding of public issues and of the importance of public service and civic participation.

The institute is being started with the help of donations from the hundreds of people who turned out Dec. 9 for a dinner honoring Gephhardt's many contributions over a long career in public service. More than \$1.1 million was raised at the event, which attracted a roster of prominent business leaders and politicians.

The Gephhardt Institute received \$400,000 from the event, with the remainder going to St. Jude Children's Research Hospital in Memphis and The Children's Inn at the National Institutes of Health.

The University is in the process of forming an advisory board for the institute, and Gephhardt will serve as its chair.

Davis will head the institute's steering committee, which will include various University administrators and the deans of schools participating in institute programs.

Composer, conductor, trombonist: Allen to present recital Feb. 25

By LIAM OTTEN

Benjamin Allen, a music major in Arts & Sciences, will present a senior honors recital at 8 p.m. Feb. 25 at Grace United Methodist Church.

The concert, which is free and open to the public, reflects three distinct areas that Allen has pursued at the University: composition, conducting and trombone.

Allen is a trombonist with the Saint Louis Symphony Youth Orchestra, the Saint Louis Wind Symphony and the Washington University Symphony Orchestra.

For the Feb. 25 recital, he will be joined by pianist Henry Palkes, University accompanist, for three works for trombone, including one original composition, *Songs*

of the Lost.

In addition, Allen will conduct a woodwind chamber ensemble in a serenade by Mozart and Igor Stravinsky's *Octet*, followed by the premiere of Allen's own *Sonata*.

Allen, whose home is in Sayne, Penn., has studied trombone with Stephen Lange, assistant principal trombonist of the Saint Louis Symphony Orchestra. His instructor in conducting is Dan Presgrave, director of the Washington University Symphony Orchestra.

He studied composition with Roland Jordan, professor emeritus of composition and theory.

Grace United Methodist Church is located at Skinker and Waterman boulevards.

For more information, call 935-4841.

Diabetes

— from Page 1

diversion of fats to muscle, triggering an abnormal activation of PPAR.

PPAR, in turn, sends signals to the cells to stop responding to insulin, resulting in dangerously high blood sugar levels.

Kelly's research group had previously shown that a member of the PPAR family, PPAR-alpha, was unusually active in heart and skeletal muscle of diabetic mice.

PPAR-alpha normally becomes active in response to fats. It "revs up" the machinery cells use to make energy from fat, according to Kelly.

"It's an adaptive response that helps the cell deal with all the fat that's coming in, but our notion was that it might also play a role in the development of diabetes," he said. "We thought PPAR-alpha might also be telling cells, 'Look, we have all this fat coming in, so we're not going to need glucose to make energy, so let's shut down glucose burning.' And that's exactly what happens in diabetes."

To test the ideas, Kelly and lead author Brian N. Finck, Ph.D., research instructor in medicine, engineered a line of mice with extra PPAR-alpha in their skeletal muscle. They found the mice's skeletal muscle cells could "chew up" fat at remarkable speeds, preventing obesity even when the mice were fed a high-fat diet.

Although they were lean, the mice were also "on their way to becoming diabetic," according to Kelly. Insulin resistance and glucose intolerance — two key har-

bingers of diabetes — increased in the mice.

Kelly's group traced the glucose intolerance to PPAR-alpha's ability to shut down genes involved in glucose uptake and use.

When Kelly's lab tested a line of mice in which PPAR-alpha had been genetically knocked out, they found the reverse was true: The mice could get just as obese as normal mice on a high-fat diet, but they did not develop early signs of diabetes.

Based on what they learned about PPAR-alpha's effects, the scientists administered a drug that inhibited an important enzyme in the processes that let muscle cells make energy from fat.

PPAR-alpha normally activates this enzyme as part of its efforts to accelerate fat metabolism, and blocking it essentially tricked the cell into thinking that PPAR-alpha was no longer activated. Insulin sensitivity increased as a result.

To follow up, Kelly's lab is attempting to rescue the new mouse line from glucose intolerance and insulin resistance. PPAR-alpha seems to convince cells that they don't need glucose because they have plenty of energy available from fat, so Kelly will try to increase energy demand or trick cells into thinking they have less energy available.

"One obvious experiment is to exercise the animals, increasing their muscle energy requirements to see if we can make them more insulin-sensitive," Kelly said.

"Another option is to develop ways to decrease the cellular accumulation of a compound known as ATP, which is the key product of cellular energy-making processes."

Campus Watch

The following incidents were reported to University Police Feb. 9-15. 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.

Crime alert

Based on information provided by witnesses, WUSTL Police have identified a suspect in a suspicious-person incident that may be related to a burglary Feb. 12 in Lopata Hall. The suspect was seen distributing fliers seeking candidates for high-paying management positions. The subject identified himself in the flier by the name Tarren Clark. Police are seeking the suspect.

The suspect is described as an African-American male, about 26 years old, 5-feet 11-inches tall, about 195 pounds with short hair.

University Police says that as precautions, students, faculty and staff should:

- Lock your room door whenever you leave, even if it's for a

short time. Also, be sure to lock your door when you will be showering or sleeping.

- Never prop open exterior doors. If you see a door propped, close it.
- Don't allow people you do not know to "tailgate" behind you into the building.

Report suspicious activities/persons immediately to the University Police at 935-5555 or via bluelight emergency phones. Contact University Police if you have any information that might assist in this investigation.

Additionally, University Police responded to seven reports of larceny, three reports each of parking violation and property damage, two reports each of suspicious person and burglary and one report each of drug offense, auto accident, tampering and trespassing.

Goal

— from Page 1

the United Way.

The United Way provides assistance to more than 200 health and human service organizations in Missouri and Illinois, with one in three people in the region being helped by a United Way-assisted organization.

"I want to thank our campus campaign co-chairs and our many volunteers for their hard work in driving another successful fund-raising effort for the United Way," Prenatt said.

"So many people will receive services through the United Way-funded agencies that, if it were not for the financial support of the United Way, could not exist."

Notables

Of note

Denise E. Wilfrey, Ph.D., professor of psychiatry, has received a five-year, \$537,966 grant from the National Institute of Mental Health for research titled "Clinical Research in Eating Disorders and Obesity." ...

David C. Van Essen, Ph.D., the Edison Professor of Neurobiology, has received a three-year, \$594,764 grant from the G. Harold and Leila Y. Mathers Charitable Foundation for research titled "Pattern Recognition and Pattern Generation in the Brain." ...

Jan A. Nolte, Ph.D., associate professor of medicine, has received a one-year, \$352,688 grant from Children's Hospital of Los Angeles for research titled "Regulation of Human Hematopoietic Stem Cell Cycle Induction." ...

Jay W. Ponder, Ph.D., associate professor of biochemistry and molecular biophysics, has received a two-year, \$343,220 grant from the National Science Foundation for research titled "Polarizable Atomic Multipole Forch Field for Biomacromolecules." ...

Karen L. O'Malley, Ph.D., professor of anatomy and neurobiology, has received a two-year, \$275,400 grant from the National Institute of Mental Health for research titled "Signaling By Nuclear G-protein Coupled Receptors." ...

Gregory A. Storch, M.D., professor of pediatrics, has received a one-year, \$266,752 grant from the St. Jude Children's Research Hospital Inc. for the project "Pediatric AIDS Clinical Trials Group." ...

Anne M. Bowcock, Ph.D., professor of genetics, has received a one-year, \$150,000 grant from the National Psoriasis Foundation for research in the genetics of psoriasis. ...

David A. Rudnick, M.D., Ph.D., assistant professor of pediatrics, has received a two-year, \$150,000 grant for research titled "Functional Analyses of Adipocytic Gene Expression and Complement Cascade Activation During Liver Regeneration." ...

Jeffrey D. Milbrandt, M.D., Ph.D., professor of pathology and immunology, has received a one-year, \$100,000 grant for research titled "Mutational Profiling of the Kinome in Prostate Tumors." ...

Randall Bateman, M.D., post-doctoral research scholar in neurology, has received a two-year, \$100,000 grant from the American Academy of Neurology Foundation for an AAN Foun-

ation Clinical Research Training Fellowship. ...

Jeffrey F. Moley, M.D., professor of surgery, has received a one-year, \$99,642 grant from Barnes-Jewish Hospital for research titled "Limited Neck FDG-PET for Indeterminate Follicular Thyroid Lesions." ...

Kelle H. Moley, M.D., associate professor of obstetrics and gynecology, has received a one-year, \$89,788 grant from Barnes-Jewish Hospital for research titled "Prospective Randomized Clinical Trial of Metformin in Patients with Recurrent Pregnancy Losses." ...

Mark E. Warchol, Ph.D., research associate professor of otolaryngology, has received a one-year, \$82,426 grant from the University of Virginia for research titled "Peripheral Sensory System Development and Regeneration." ...

Randall R. Odem, M.D., professor of obstetrics and gynecology, has received a one-year, \$81,500 grant from Barnes-Jewish Hospital for research titled "A Prospective, Randomized, Double-blind Study for the Evaluation of Assisted Hatching." ...

Rodney D. Newberry, M.D., assistant professor of medicine, has received a one-year, \$69,000 grant from the Crohn's and Colitis Foundation of America for research titled "Lymphotoxin Beta Receptor Function and Blockage in Intestinal Inflammation." ...

Barbara Jost, M.D., clinical fellow of internal medicine, has received a one-year, \$10,000 grant from the Foundation of the American College of Allergy, Asthma and Immunology for research titled "Correlation of Mold Extract Intradermal Skin Testing with Clinical Sensitivity in Mold-induced Perennial Rhinitis." ...

Mitchell H. Grayson, M.D., assistant professor of medicine, has received a one-year, \$20,000 grant from the American Academy of Allergy, Asthma and Immunology for research titled "Chemokine and Dendritic Cell Activity in Viral Airway Disease." ...

Daniel W. Coyne, M.D., associate professor of medicine, has received a one-year, \$20,000 grant from Amgen for a nephrology fellowship. ...

Michael R. Chicoine, M.D., assistant professor of neurological surgery, has received a one-year, \$45,567 grant from Barnes-Jewish Hospital for research titled "Characterization of the Anti-Tumoral Effects of Lipopolysaccharide Upon Brain Tumors." ...



'Chat With the Chancellor' Chancellor Mark S. Wrighton addresses members of the University community for a "Chat With the Chancellor" Feb. 10 in the Women's Building Formal Lounge. During the chat, Wrighton remarked on many items of interest to those in attendance, including the on-campus parking situation, mandatory health insurance for students and the MetroLink extension.

Adam S. Kibel, M.D., associate professor of surgery, has received a one-year, \$30,000 grant from the Midwest Stone Institute for research titled "Feasibility Study of Prostate Tumor Localization for Focal Cryoablation of Prostate Carcinoma." ...

Matthew J. Ellis, Ph.D., associate professor of medicine, has received a one-year, \$42,346 grant from Duke University for research titled "Letrozole 024 Clinical Trial Correlative Science Program." ...

David M. Jaffe, M.D., the Dana Brown/St. Louis Children's Hospital Professor of Pediatrics, has received a one-year, \$22,789 grant from the University of California, Davis, for research titled "Childhood Head Trauma: A Neuroimaging Decision Rule." ...

Edwin Trevathan III, M.D., professor of neurology, has received a one-year, \$33,019 grant for research titled "Childhood Absence Epilepsy: RX, PK-PD-Pharmacogenetics." ...

Joseph O. Deasy, Ph.D., associate professor of radiation oncology, has received a one-year, \$12,569 grant from the Georgia Institute of Technology for research titled "A Prototype Radiation Therapy Treatment Planning Research Toolkit." ...

Thomas A. Woolsey, M.D., professor of neurological surgery, has received a one-year, \$15,000 grant from the National Institute of Neurological Disorders and Stroke for a "Spring Brain Conference." ...

Samuel Achillefu, Ph.D., associate professor of radiology, has received a one-year, \$23,000 grant from the National Institute of Biomedical Imaging and Bioengineering for a "Symposium on Imaging Agents and Molecular Beacons." ...

Kathryn G. Miller, Ph.D., professor of biology, has received the Visiting Miller Professorship at the Miller Institute for Basic Research in Science at the University of California, Berkeley, for Fall 2005. Miller will be collaborating with Berkeley Professor Loy Volkman in Berkeley's Department of Plant and Microbial Biology to investigate the role of myosin VI in baculovirus invasion and replication. ...

M. Bruce Fegley, Ph.D., professor of earth and planetary sciences in Arts & Sciences, has received a five-year, \$350,000 grant from NASA for research

entitled "Origin and Evolution of Organics in Planetary Systems." ...

Christine Floss, Ph.D., senior research scientist in physics in Arts & Sciences, has received a three-year, \$37,048 grant from Arizona State University for research titled "Mixing State and Nano/Micro-scale Physical and Chemical Properties of Black Carbon Aerosols in the Polluted Marine Troposphere." ...

Sandra Hale, Ph.D., associate professor of psychology in Arts & Sciences, has received a five-year, \$1,549,125 grant from the National Institute on Aging for research titled "Listening Comprehension across the Adult Life Span." ...

Bradley L. Jolliff, Ph.D., research associate professor of earth and planetary sciences in Arts & Sciences, has received a one-year, \$30,000 grant from NASA for research titled "Sample and Remote-sensing Approaches to Understanding Planetary Crystal Composition and Asymmetry." ...

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.

Planned Giving Officer 040145
Research Statistician 040221
Clinical Study Coord. 050048
Dir. of Development, School of Law 050085
Research Statistician 050096
Reference Librarian/Instruction & Outreach Coord. 050098
Asst. Dir. for Disability Resources 050099
Research Asst. 050105
Medical Public Policy Specialist

050110 Project Manager 050115
Student Services Coord. 050117
Medical Sciences Writer 050120
Systems Administrator/Data Manager 050131
Programmer Analyst II 050136
Research Technician 050141
Finance Administrator 050146
Undergraduate Career Advisor 050148
Employee Relations Manager 050150
Assoc. Dir. for Media Relations 050151
Mechanic (Bargaining Unit Employee) 050154
Executive Secretary 050156
Asst. Dir. of Admissions 050157
Asst. Dir. of Career Services 050158
Accounting Manager 050159

Administrative Coord. 050160
Input Output Clerk 050161
Accounting Asst. 050163
Special Asst. to the Dean 050165
Animal Care Technician 050166
Residential College Dir. 050167
Database/Web Developer 050168

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 resumes to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, MO 63110, or call 362-7196.
Professional Rater I 050885
Sr. Pet Radiopharmaceutical

Technician 050890
Clerk I 050891
Division Administrator 050892
Secretary II 050894
Statistical Data Analyst 050896
RN Research Patient Coord. 050897
Insurance Billing & Collection Asst. II 050898
Insurance Billing & Collection Asst. II 050899
System Manager 050901
Lead Custodian 050902
Professional Rater I 050905
Research Asst. Part Time 050906
Programmer Analyst II 050907
Data Analyst 050909
Data Analyst 050910
Secretary III 050912
Nurse Manager 050913

New history book wins national design award

By Andy Clendennen

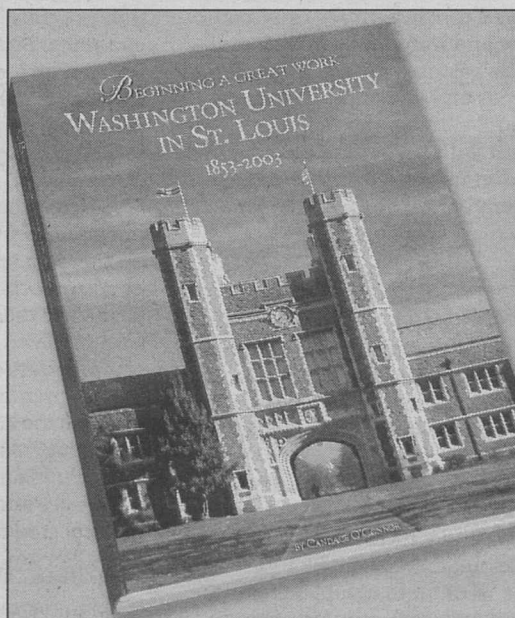
The new WUSTL history book made a little history of its own recently.

Beginning a Great Work: Washington University in St. Louis, 1853-2003, written by Candace O'Connor and published in conjunction with the University's Sesquicentennial celebration, received a bronze medal from the Council for Advancement and Support of Education at its regional conference in December.

The award was in the "Excellence in Design: Miscellaneous Publications" category. The judge's report cites the book for "excellent consistency of design in a very large project, quality throughout, difficult to pull off."

"This award particularly recognizes the outstanding work of Donna Boyd, art director in the publications office who designed the book and who was a great partner in the project," said Mary Ellen Benson, assistant vice chancellor and executive director of publications. "She was supported by a capable team of designers, which included an art school alum and current students."

Other history books have been written about the University, but *Beginning a Great Work* takes an anecdotal approach to focus on the people and events that have



Beginning a Great Work: Washington University in St. Louis, 1853-2003 has won a bronze medal for design from the Council for Advancement and Support of Education.

shaped the institution.

More than 500 pictures and illustrations are included in the book, which is available at the Campus Store.

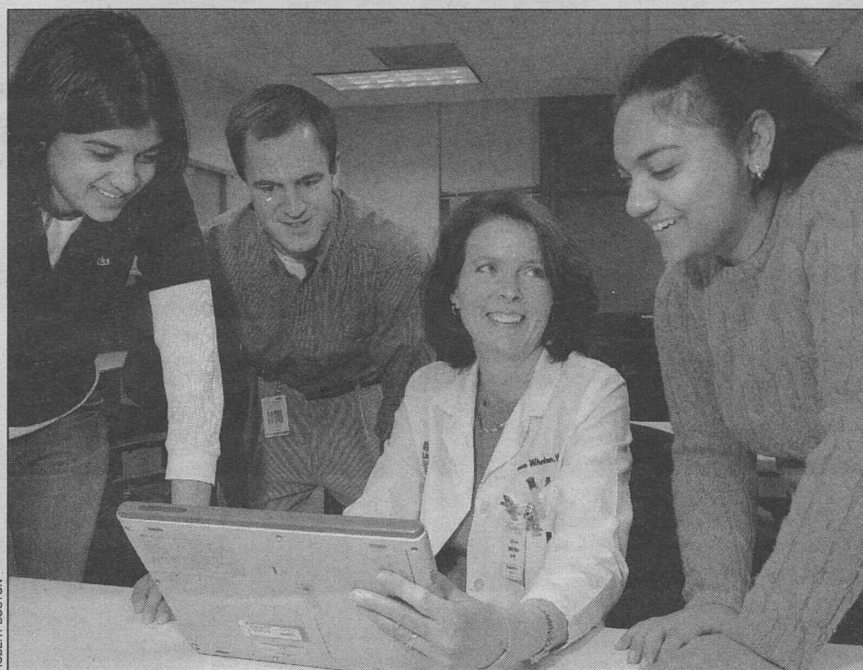
Washington People

As Alison J. Whelan, M.D., awaits the opening of the Farrell Learning and Teaching Center in August, she explains that the striking six-story structure will not only serve as the main venue for teaching and events at the School of Medicine, but it also will spotlight the importance of education.

"For the first time, we will have a 'hearth' for learning that both students and teachers can call home," says Whelan, who — as associate dean for medical student education — has played a central role in the creation of the state-of-the-art facility.

"The medical school is such a great place, and there should be a place that is 'the school' — this will be our front door. It is so important that we have a space that really supports our faculty and students to teach and learn in a flexible, accessible area that can adapt as teaching methods change."

The University has long been acclaimed for providing a collaborative, collegial atmosphere for



(From left) Medical students Anjali Gopalan, Steven Sperry and Noopur Gangopadhyay discuss a recent lecture on cancer genetics with Alison J. Whelan, M.D., associate dean for medical student education. Whelan says she loves working with students because "they're very enthusiastic and always offer a fresh perspective. They put their energy and enthusiasm into making Washington University and the St. Louis community a better place."

of medicine, but was ultimately drawn to genetics because "it's changing the way we think about medicine."

Whelan explains that genetics offers an ideal clinical platform for medical education because it is such a rapidly changing field.

"Whenever we consider a curriculum change, it is critical to remember that being a doctor is about taking care of patients, and this must always be the cornerstone of medical education," she explains. "Genetics is a very rewarding field, and it offers an incredible paradigm for thinking about medicine and medical education."

She adds that there is "no field that better emphasizes what Washington University is all about than genetics. No other field more rapidly incor-

porates basic science discoveries into patient care. On the flipside, careful clinical observation frequently leads to new basic science inquiry."

As a medical geneticist, Whelan teaches genetics to first-year medical students and participates in many continuing medical education and community outreach programs.

Both her students and colleagues say that when it comes to medical education, Whelan represents the best of the best.

"As a person, consummate professional and life-long learner, Alison presents a clear and inspiring role model for medical students," Dodson says. "She also cares about the students and about what she is doing for them — and it shows."

And nothing demonstrates Whelan's dedication to medical education and the inspiration she offers to medical students more than the numerous teaching awards she receives year after year.

In the past seven years, she's received the School of Medicine's Distinguished Service Teaching Award five times and has also received the Emerson Excellence in Teaching Award, the Samuel R. Goldstein Leadership Award in Medical Education and the Distinguished Faculty Award.

"Dean Whelan is a leader in medical education," says medical student Gita Mody, who's worked with Whelan for three years as the Class of 2006 medical education representative. "She continually strives to ensure students have a strong voice in medical education, which is the most impressive strength of the curriculum."

"She also challenges us to independently reach our goals but is quick to support us in the areas in which we need assistance so that we may achieve our greatest potential. I'm grateful to have her as a role model and mentor — she has taught me to be a better leader."

Alison J. Whelan

Job title: Associate dean for medical student education, associate professor of medicine and of pediatrics

Family: Whelan has three children — Alyssa, 15; Julia, 14; and Eric, 8 — with her husband, Bill Hartel, D.M.D., a dentist in private practice whom she's known since high school.

Hometown: Chicago

Hobbies: Traveling, photography and outdoor activities like camping, hiking and cross-country skiing, especially at their family cabin in northern Wisconsin. She also loves scuba diving with her husband in the Caribbean.

An extraordinary educator

The leadership of Alison Whelan inspires students and faculty alike

learning, and the Farrell Learning and Teaching Center will provide a centralized, collective atmosphere for medical education for years to come.

As a lead steering committee member, Whelan has played a pivotal part in conceptualizing the center while keeping a keen eye on attention to detail.

"Every detail was thought out, right down to where the laboratory sinks are, where the microscopes plug in and where you should store them," she says. "But most importantly, throughout this project, our office has served as an advocate and representative for our students and teachers."

According to Ed Dodson, M.D., associate dean for admissions at the medical school, advocating on behalf of medical students is one of Whelan's special talents.

"Her candor, humility and lack of pretense reflect her personal honesty that engenders the respect and trust of those who work with her — peers, students and patients alike," says Dodson, also a professor of neurology and of pediatrics.

"She understands the importance of what she is doing and loves working with and on behalf of medical students. As a result, she works tirelessly for them and revels in their accomplishments."

Whelan says the center offers the University an incredible opportunity to expand teaching clinical skills to medical students and residents. In particular, she hopes the school will further develop and invest in an innovative simulation program.

"The physiologic and task simulators available today allow a new level of realism," she explains. "These tools could be creatively combined to demonstrate physiology principles, practice emergency clinical situations in a safe environment and enhance teamwork skills — taking clinical skills teaching and learning to a higher level."

While the Farrell Learning

and Teaching Center has captured the limelight of the University's most recent medical education efforts, Whelan and her office have remained dedicated to improving medical education on all fronts — from enhancing the collaborative approach to course surveys and faculty evaluations, to improving the role of information technology in medical education, to continuing their mission to act as advocates for students and teachers.

As associate dean for medical student education, Whelan oversees all matters pertaining to the education of medical students at the University. She coordinates education programs and implements changes in curriculum and teaching methods to maintain the highest possible standards.

Although Whelan, also an associate professor of medicine and of pediatrics, stresses that there's nothing she's done alone — she says one of the main messages about medical education is that there are hundreds of people involved — she hopes that her colleagues would agree that under her leadership a stronger and more united community of educators has emerged.

And colleagues like course master Erika C. Crouch, M.D., Ph.D., are quick to applaud her efforts and enthusiasm.

"Alison's commitment to medical education is obvious, and her enthusiasm borders on infectious," says Crouch, a professor of pathology and immunology. "She skillfully balances the often conflicting needs and demands of students and faculty — she must get impatient with us, but she rarely shows it. I'm impressed and awed by her overall grasp of the four-year medical curriculum."

Mastering medical education

Whelan first discovered an affinity for teaching and medical education while serving as chief resident during an internal medicine residency.

After earning an undergraduate degree from Carleton College in 1981 and a medical degree from Washington University in 1986, she went on to complete her postgraduate work in internal medicine at Barnes-Jewish Hospital, serving as chief resident from 1991-92.

Although the chance to teach incoming students about internal medicine was exciting, Whelan had yet to consider medical educa-

tion as a career. But when she had the opportunity to improve the program's curriculum development as chief resident, her career path as a medical educator crystallized.

"There was very little framework and structure in the medical clerkship at that time," she says. "It marked the first time I had a substantial opportunity to critically think about curriculum development, and I realized I had a lot of opinions on how to develop and improve the program."

After completing a clinical fellowship in genetics at the School of Medicine, she joined the University faculty in 1994 as an assistant professor of medicine and a course master for the third-year medicine clerkship at Barnes-Jewish Hospital.

Just three years later, she was appointed associate dean for medical student education.

While creating a stronger and more united community of educators has defined Whelan's leadership as dean for the past eight years, she's also worked tirelessly to promote specific programs.

For instance, she's spearheaded the expansion of the medical school's Standardized Patient Program in an effort to improve the way faculty members teach and assess a student's history taking, communication and physical exam skills.

Whelan has also initiated a program, called the Outcomes Project, to critically evaluate the success of the medical education program by collecting and analyzing data from multiple sources, including medical students after graduation and their supervisors, to evaluate student satisfaction, competency and career choice.

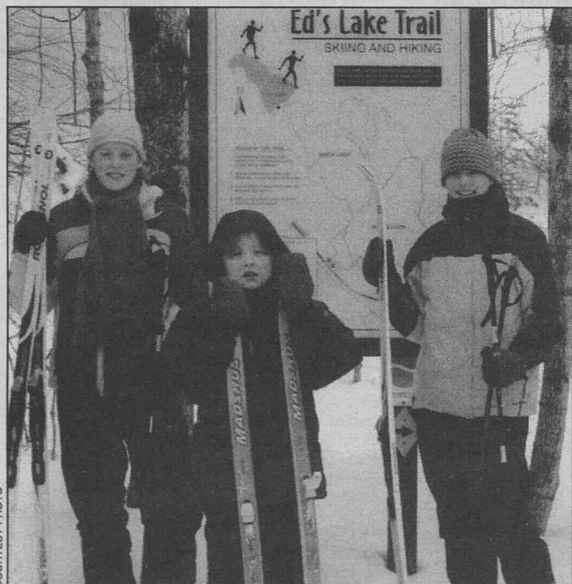
"Given the complexity of the task, it would be easy to focus on this year and the next, however, Alison brings a much longer-term view to the position," Crouch says.

"This sort of thinking is essential given the rapid evolution of medicine and information technology. Alison's leadership will help insure that Washington University remains a leader in medical student education."

An inspiring role model

Whelan focuses her research on clinical genetics, with an emphasis on hereditary cancer. Since 1999, she has co-directed the Hereditary Cancer Registry Core at the Siteman Cancer Center.

Whelan admits that during medical school she thought about pursuing almost every specialty



Whelan enjoys photography and cross-country skiing. Here she captures some of her favorite subjects — her children (from left) Julia, Eric and Alyssa — near their family cabin in northern Wisconsin.