Richard A. Gephardt Institute for Public Service established

BY GERRY EVENING

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 and the nation."

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, and we know that the institute will succeed in motivating and matching many of them to the challenges ahead."

J. David Davis, Ph.D., professor emeritus of political science in Arts & Sciences and former director of Washington University's Brookings Center, has been named director of the institute. Davis will also be installed as the Robert S. Brookings Fellow.

Davis said, "This institute will endeavor to be housed temporarily in the Women's Building for several years before moving soon to Eckel Hall."

Kirsten Lappin, who was Gephardt's congressional liaison in Gephardt's office, has been named the institute's assistant director. Lappin began working with the Gephardt Institute in Congress Committee in 1990 and has held various positions with the institute.

Obesity-diabetes link shows promise for therapy

BY MICHAEL C. PURDY

S
c

chool of Medicine scientists fused 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 created mice that can't get fat but do develop early signs of diabetes. Reversing the alteration produced mice that can become obese but do not develop diabetes.

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

"These results confirm that the links between obesity and diabetes show great promise as targets for new therapies that act to interrupt the 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 have broken the link to improved understanding of the network of factors that lead from obesity to the onset of diabetes. Based on what we learned, they applied a drug treatment in new transgenic mice and in a different, previously established model that suffers from obesity and diabetes-like condition. In both groups, the drug increased insulin sensitivity — a primary goal of diabetes treatment."

The work by Kelly’s team shows that this problem starts by what is known as the obesity-driven diabetes. This involves excess production of the hormone insulin in response to the elevated levels of the hormone called leptin. This helps to increase body mass and growth. But when the body becomes resistant to the effects of insulin, it can lead to obesity and diabetes.

Kelly has shown that the increase in insulin production does not lead to the development of diabetes. Instead, the increase in insulin production can lead to weight loss and improved insulin sensitivity. This suggests that the increase in insulin production is not a direct cause of obesity but is rather a consequence of the obesity-driven diabetes. By targeting this increase in insulin production, scientists may be able to develop new therapies that can prevent the onset of diabetes.
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 R. 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

Among Robert Frick and his wife, Barbara, have existed the goal of establishing 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 R. Knight Executive Education Center. "We are very grateful and honored for their trust and support of our academic mission," said Stuart I. Greenbaum, Ph.D., Olin School dean and the Bank of America Professor of Managerial Leadership. "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.

Latin student festival Feb. 24

Latinx and Chicana/os in the United States will present "In The Works: An Exhibition of Latino Contributions," Feb. 24, in the Whitaker Hall. The event will feature an exhibit of original student work, including academic research, live Marichá music and theatrical presentations, "Día de los Muertos: The Day of the Dead," performed by the student-organized Latinx symposium at WUSTL. For more information, e-mail alas@estuch.wustl.edu.

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 practice 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 this principle.

We will ensure that all personnel actions such as employment, upgrading, rates of pay or other forms of compensation, benefits, terminations, transfers, layoffs, or reassignment to service sponsored training, education, tuition assistance, and other recruitment programs will be administered without unlawful 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, persons 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 disabled veteran and would like to be covered under our affirmative action program, please contact Lorraine A. Gohe-Gough, director of employee relations and human resources. This information is voluntary and refusal to provide it will not subject you to discipline or disciplinary treatment.

A disabled individual, in the absence of such a disability 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, accommodation, self-care, social interaction, vocational training, employment, transportation, and adapting to housing. For purposes of the program, primary attention is given to those life activities that affect employability.

A special disabled veteran, as defined above, is a veteran who is entitled to compensation (or who, but for service-connected disability and connected disability, would be entitled to compensation) under laws administered by the Veterans Affairs for a disability which is rated at 10 percent or more, or rated at 10 or 20 percent, in the case of a veteran who was a member of the armed forces 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 the disability is rated at 10 percent or more, or rated at 10 or 20 percent, in the case of a veteran who was a member of the armed forces between Aug. 5, 1964, and May 7, 1975, in all other cases.

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 this principle.

We will ensure that all personnel actions such as employment, upgrading, rates of pay or other forms of compensation, benefits, terminations, transfers, layoffs, or reassignment to service sponsored training, education, tuition assistance, and other recruitment programs will be administered without unlawful regard to race, color, age, religion, gender, sexual orientation, national origin, veteran status or disability.

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 element of our diversity goal. Ann B. Prenatt, vice chancellor for human resources, is the official who has overall responsibility for the University’s equal employment opportunity program. The immediate responsibility for implementation of the University’s affirmative action employment opportunity program has been delegated to Lorraine A. Gohe-Gough, director of employee relations and human resources. Washington University is reviewing the Affirmative Action Program annually to determine the effectiveness of noncompliance with this policy, please contact Ms. Gohe-Gough.

No employee or applicant will be coerced, intimidated, interfered with or discriminated against for filing a complaint, and shall be informed.

If you or your organization wish to file a complaint, you or your organization must be open to all qualified persons, and we are committed to the success of an Affirmative Action Program as an element of our diversity goal. Ann B. Prenatt, vice chancellor for human resources, is the official who has overall responsibility for the University’s equal employment opportunity program. The immediate responsibility for implementation of the University’s affirmative action employment opportunity program has been delegated to Lorraine A. Gohe-Gough, director of employee relations and human resources. Washington University is reviewing the Affirmative Action Program annually to determine the effectiveness of noncompliance with this policy, please contact Ms. Gohe-Gough.

No employee or applicant will be coerced, intimidated, interfered with or discriminated against for filing a complaint, and shall be informed.

If you or your organization wish to file a complaint, you or your organization must be open to all qualified persons, and we are committed to the success of an Affirmative Action Program as an element of our diversity goal. Ann B. Prenatt, vice chancellor for human resources, is the official who has overall responsibility for the University’s equal employment opportunity program. The immediate responsibility for implementation of the University’s affirmative action employment opportunity program has been delegated to Lorraine A. Gohe-Gough, director of employee relations and human resources. Washington University is reviewing the Affirmative Action Program annually to determine the effectiveness of noncompliance with this policy, please contact Ms. Gohe-Gough.

No employee or applicant will be coerced, intimidated, interfered with or discriminated against for filing a complaint, and shall be informed.

If you or your organization wish to file a complaint, you or your organization must be open to all qualified persons, and we are committed to the success of an Affirmative Action Program as an element of our diversity goal. Ann B. Prenatt, vice chancellor for human resources, is the official who has overall responsibility for the University’s equal employment opportunity program. The immediate responsibility for implementation of the University’s affirmative action employment opportunity program has been delegated to Lorraine A. Gohe-Gough, director of employee relations and human resources. Washington University is reviewing the Affirmative Action Program annually to determine the effectiveness of noncompliance with this policy, please contact Ms. Gohe-Gough.

No employee or applicant will be coerced, intimidated, interfered with or discriminated against for filing a complaint, and shall be informed.

If you or your organization wish to file a complaint, you or your organization must be open to all qualified persons, and we are committed to the success of an Affirmative Action Program as an element of our diversity goal. Ann B. Prenatt, vice chancellor for human resources, is the official who has overall responsibility for the University’s equal employment opportunity program. The immediate responsibility for implementation of the University’s affirmative action employment opportunity program has been delegated to Lorraine A. Gohe-Gough, director of employee relations and human resources. Washington University is reviewing the Affirmative Action Program annually to determine the effectiveness of noncompliance with this policy, please contact Ms. Gohe-Gough.

No employee or applicant will be coerced, intimidated, interfered with or discriminated against for filing a complaint, and shall be informed.

If you or your organization wish to file a complaint, you or your organization must be open to all qualified persons, and we are committed to the success of an Affirmative Action Program as an element of our diversity goal. Ann B. Prenatt, vice chancellor for human resources, is the official who has overall responsibility for the University’s equal employment opportunity program. The immediate responsibility for implementation of the University’s affirmative action employment opportunity program has been delegated to Lorraine A. Gohe-Gough, director of employee relations and human resources. Washington University is reviewing the Affirmative Action Program annually to determine the effectiveness of noncompliance with this policy, please contact Ms. Gohe-Gough.

No employee or applicant will be coerced, intimidated, interfered with or discriminated against for filing a complaint, and shall be informed.

If you or your organization wish to file a complaint, you or your organization must be open to all qualified persons, and we are committed to the success of an Affirmative Action Program as an element of our diversity goal. Ann B. Prenatt, vice chancellor for human resources, is the official who has overall responsibility for the University’s equal employment opportunity program. The immediate responsibility for implementation of the University’s affirmative action employment opportunity program has been delegated to Lorraine A. Gohe-Gough, director of employee relations and human resources. Washington University is reviewing the Affirmative Action Program annually to determine the effectiveness of noncompliance with this policy, please contact Ms. Gohe-Gough.

No employee or applicant will be coerced, intimidated, interfered with or discriminated against for filing a complaint, and shall be informed.
I n an ongoing effort to combat neurofibromatosis, School of Medicine researchers have established a comprehensive, multi-disciplinary center—a kind institute for collaborative and interdisciplinary research on three complex diseases:

"Our goal is to develop effective therapies for individuals with NF," said David H. Gutmann, M.D., Ph.D. "For the first time, we now 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, and establish 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 treatments children and adults with similar medical problems."

Brain tumor study reveals why treatment fails

**By Gila Z. Reckess**

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

"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**

"That raises the possibility that agents that can prevent the growth of supply-promoting factors — and possibly of microglia and mesenchymal cells — and microglia may help treat NF1 brain tumors."

"This finding is also true in humans, this strongly argues that MRI scans alone are not reliable in predicting tumor formation. Gutmann's team found both growing and stable optic-pathway gliomas. Gutmann's team's model mimics the human condition and provides unique insight into tumor development and provides unique insight into tumor development, diagnosis and treatment."

Mouse model offers unique insight into tumor diagnosis

**By Gila Z. Reckess**

"The upside 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**

"Our goal is to develop effective therapies for this particular problem," said principal investigator David H. Gutmann, M.D., Ph.D., the Donald O. Schmuck 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 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," Gutmann said.

"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."

"This 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 this 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," Gutmann said.

"This research team already has made progress toward that goal. Too much RAS and too little K-RAS 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 Laboratory Medicine, thanks Charles E. Shaldon, Ph.D., chief information officer of medicine, for his longtime support of the department at the Jan. 25 unveiling ceremony of Kilo's portrait. After a rotating post at the National Institutes of Health, Shaldon founded the Kilo Diabetes & Vascular Research Foundation in 1972 to support a research lab at the University. Since then, the foundation has raised more than $13 million for 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

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 community of Barnes-Jewish St. Peters Hospital.

"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 opened 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 $10 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 and cost-effective format 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 Ruby Professor and head of the Department of Surgery.

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

"Trained at WUSTL School of Medicine and Harvard Medical School, Dr. Piascik brings more than 15 years experience as a medical oncologist and more than a decade of experience seeing patients on both the Medical Oncology and Hematology service, including medical and radiation oncology, as well as various supportive care programs and a full range of oncological, nutritional, spiritual and support services for cancer patients and their families."

Soldiers extend care to St. Charles

"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."

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

"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.

Feb. 18, 2005 3
University Events

Bloody Poetry • Baseball • Baseball Marriage

Wednesday, March 2
7 p.m. Kenner Art Museum Presentation. "From the Body Forward. Women's Basketball vs. U. of North Carolina at Chapel Hill. 935-4705.

Thursday, March 3

On Stage

Friday, Feb. 18
7 p.m. Kenner Art Museum Presentation. "From the Body Forward. Women's Basketball vs. U. of North Carolina at Chapel Hill. 935-4705.
3 p.m. Performing Arts Department Program. "Balloons by Howard Brenton. Jason Cameron, dir. (6:30 p.m.) Crow Hall, Rm. 105. 935-6573.

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

Sports

Friday, Feb. 18
5:30 p.m. Men's Basketball vs. Carnegie Mellon U. Athletic Complex. 935-4705.

Friday, Feb. 20
5:30 p.m. Career Center Event. Cover Letter Writing. Umrath Hall, Rm. 203. 935-5930.

Wednesday, March 2
7 p.m. Kenner Art Museum Presentation. "From the Body Forward. Women's Basketball vs. U. of North Carolina at Chapel Hill. 935-4705.

Thursday, March 3

On Stage

Friday, Feb. 18
7 p.m. Kenner Art Museum Presentation. "From the Body Forward. Women's Basketball vs. U. of North Carolina at Chapel Hill. 935-4705.
3 p.m. Performing Arts Department Program. "Balloons by Howard Brenton. Jason Cameron, dir. (6:30 p.m.) Crow Hall, Rm. 105. 935-6573.

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

Sports

Friday, Feb. 18
5:30 p.m. Men's Basketball vs. Carnegie Mellon U. Athletic Complex. 935-4705.

Friday, Feb. 20
5:30 p.m. Career Center Event. Cover Letter Writing. Umrath Hall, Rm. 203. 935-5930.

Wednesday, March 2
7 p.m. Kenner Art Museum Presentation. "From the Body Forward. Women's Basketball vs. U. of North Carolina at Chapel Hill. 935-4705.

Thursday, March 3

On Stage

Friday, Feb. 18
7 p.m. Kenner Art Museum Presentation. "From the Body Forward. Women's Basketball vs. U. of North Carolina at Chapel Hill. 935-4705.
3 p.m. Performing Arts Department Program. "Balloons by Howard Brenton. Jason Cameron, dir. (6:30 p.m.) Crow Hall, Rm. 105. 935-6573.

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

Sports

Friday, Feb. 18
5:30 p.m. Men's Basketball vs. Carnegie Mellon U. Athletic Complex. 935-4705.

Friday, Feb. 20
5:30 p.m. Career Center Event. Cover Letter Writing. Umrath Hall, Rm. 203. 935-5930.
Women's basketball team in first-place tie

The No. 13 women's basketball team picked up two conference road wins to jump "into a first-place tie in the University Athletic Association Preseason Top 25. Last week, WUSTL moved to a 3-1 record, dropping a 5-4 decision to Division III Kentucky Wesleyan and improving to 7-3 overall. George Washington, the defending NCAA "A" cut, won two of her five individual medley and helped the Bears men's squad.

Meet and UAA Women's Rookie of the Year Award. Freshman Ross Krull that posted a team season-best time of 3:36.23. For the other. She clocked a 2:05.45 in the 200 free (1:41.88). Freshman Emma Visscher placed third in the 200 free, clocking a 2:03.44. On Saturday, the Bears' UAA Championships week continued as they hosted 11 teams, two records and four NCAA "A" cut.

Women's basketball splits league road contests

The men's basketball team picked up its overall record on 14-4-1 as the Bears posted a 1-1 mark on the weekend. On Feb. 11, the Bears could not recover from an early 3-0 defeat in suffering a 6-4 loss at Emory. Junior Scott Stone led the Bears with 11 points, while sophomore Brandon York and Troy Ruths added 10 points off the bench. Two days later, the Bears post-

Men's tennis squad upends Eastern Illinois

The 13-11 men's tennis team opened the 2005 season with a 6-1 win over Division I Eastern Illinois at the Sport Vetta Hampshir-

Women's tennis losses to D-I Eastern Illinois

No. 16 women's tennis team dropped a 3-4 decision to D-I Eastern Illinois University Feb. 11 at Sport Vetta Hampshir-

Softball team ranked presason No. 9

The softball team is ranked No. 9 in the National Fastpitch Coaches Association Preseason Top 25. Last season, the Bears won four of the seven games in the single-elimination format to manage to win a doubles match. The team featured six original —

Basketball games on Charter Channel 3

The men's and women's basketball teams will be broadcast for the second consecutive season this time on Chan-

Students try out for the small screen

First-year master of business administration student Brian Barme explains to Sharon Stevens of KSDK-TV his motivations for trying out for the reality television series. "The Apprentice: About 50 students — originally 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 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 Pulitzer lecture

By CURT MUeller


Assembly Series Lectures are open to the public. For more information, call 935-4620 or go online to assemblies.wustl.edu.

"Gowns in the Gallery" to display student fashion

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 Beth Tennant, a 2003 WUSTL graduate. The score features six original —

She's Hideous

Kemper Art Museum to present one-act musical

The score features six original —

For more information, call 935-6500.

Kemper Art Museum to present one-act musical

The score features six original —
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 Academic Planning Council's (NRC) Board of Directors. She chairs the United Way-funded agencies in Missouri and Illinois, health and human service organizations in St. Louis, and the United Way. "Every time we turn around, it will take an institute to conduct programs and make partnerships around the world. It will take an institute to conduct programs and make partnerships around the world. It will take an institute to conduct programs and make partnerships around the world. It will take an institute to conduct programs and make partnerships around the world.

Diabetes
— from Page 1

"It's an adaptive response that helps the liver 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-alfa might be helping the liver. I think we have all this fat coming in, so we're not getting as much fuel to make energy, so let's shut down glucose burning and let's get more fat burning. And that's exactly what happens in diabetes."

The researchers tested the mice with a glucose tolerance test, which is a standard way to determine if a person has diabetes. "The mice could get just as obese as normal mice on a high-fat diet, but they didn't show the same signs of diabetes."

"When they learned about PPAR-alpha's effects, the scientists used a drug that inhibited an important enzyme in the processes that let muscle cells make energy from fat. PPAR-alpha normally activates that enzyme to allow fat cells to store more fat. But when researchers used a drug that inhibited PPAR-alpha, they found that muscle cells in the mice's legs and other parts of the body could no longer store fat."

"For each discomfort, we recommend a body or equipment adjustment and/or a change in the way the employee can do the job. By answering a series of questions and then following the recommendations, employees can improve their work not only for their comfort and setup, but also making themselves more productive."
Beginnings of a Great Work: Washington University in St. Louis, 1853-2003 has written a three-year, $15,000 grant from the National Institute of Neurological Disorders and Stroke for research titled "A Spring Brain Conference."... 

David A. Rudnick, M.D., assistant professor of medicine, has received a one-year, $89,788 grant from Barnes-Jewish Hospital for research titled "Prospective Randomized Clinical Trial of Metformin in Patients with Recent Hyperglycemia Loss."... 

Randall R. Odum, M.D., professor of orthopedic surgery, has received a one-year, $15,000 grant from the National Institute of Arthritis for research titled "Feasibility Study of Prostate Tumor Localization for Focal Cryosurgery of Prostate Carcinoma...." 

Matthew J. Ellis, M.D., assistant professor of medicine, has received a one-year, $36,019 grant from the National Institute of Neurological Disorders and Stroke for research titled "Letrozole 024 Clinical Trial Correlative Science Program...." 

Bruce W. Begley, M.D., professor of physics, has received a three-year, $37,048 grant from the National Institutes of Health for research titled "Popups in the Polluted Marine Troposphere...." 

Patricia L. Dryer, M.D., asso-
ciate professor of radiation oncology, has received a one-year, $45,267 grant from Barnes-Jewish Hospital for research titled "Chemoradiation for Head and Neck Tumors: Effects of Lipopolysaccha-
idase Upon Brain Tumor...."... 

Denise E. Wilde, Ph.D., professor of psychology, has received a five-year, $350,000 grant from the National Science Foundation for a research titled "Origin and Evolution of Organics in Planetary Systems...." 

Christine Floss, Ph.D., sen-	or research scientist in physics in Arts & Sciences, has received a three-year, $37,048 grant from the University of California for research titled "Modeling Nanoscale Physica-
lar and Chemical Properties of Black Carbon Aers-
ols in the Polluted Marine Troposphere...." 

Sandra Hata, Ph.D., associ-
ate professor of psychology in Arts & Sciences, has received a five-year, $51,125 grant from the National Institute of Aging for research titled "Listening Comprehension across the Adult Life Span...." 

Bradley L. Jutila, Ph.D., 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 "Sampling and Remote-sensing Appro-
paches in Understanding Planetary Crystalline Composition and Asymmetry...."... 

New History book wins national design award

BY ANDY CLENDENNEN

The new WUSTL history book has 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, has received a $49,966 grant from the National Endowment for the Arts. "This award will make it easier for people to read and learn about the history of Washington University," said O'Connor. "It will also help us reach a wider audience." 

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 shaped the institution. More than 50 pictures and illustrations are included in the book, which is available at the Campus Store.
An extraordinary educator

The leadership of Alison Whelan inspires students and faculty alike

By Kim Leting

As Alison J. Whelan, M.D., awaits the opening of the Farrell Learning and Teaching Center in Au-
																																																																																																																																																																																																																																																																																																																																																																																																								
taneously. She is the first in her family to attend medical school and has dedicated her career to improving opportunities for underrepresented groups in medicine.

As associate dean for medical student education at the University of Washington, Whelan has worked to create a supportive and inclusive environment for students. She has helped to develop programs that focus on diversity and inclusion, and she has been a strong advocate for students from all backgrounds.

Whelan has also been involved in research and teaching, and has received numerous awards for her contributions to medical education. She is a member of many professional organizations, and she serves on several boards and committees.

Whelan is married and has two children. She enjoys spending time with her family and with her students.