Research grant extended by NIH into 44th year

By MICHAEL C. PURDY

The longest continuously re- reviewed NIH research grant at the School of Medicine has been renewed for five years and more than $11 million.

With the renewal, "Cyclotron Produced Isotopes in Biology and Medicine" will be extended into its 44th year of supporting research into imaging techniques and agents at the model school.

The historic grant supported the building that allowed physicist Michel Ter-Pogossian, Ph.D., professor of radiology, to lead the development of the first positron emission tomography (PET) scanner at the School of Medicine in the 1970s.

Ter-Pogossian was the principal investigator on the grant until 1984, when he was succeeded by Michael Welch, Ph.D., professor of radiology of molecular biology and pharmacology and of chemistry.

For many years, the grant had been dedicated to imaging studies of the heart, lungs and brain. Its current renewal focuses on imaging the heart.

The renewed grant supports three research programs: development of new imaging agents to study cardiac disease; use of PET imaging to study heart disease in animal models of diabetes and of application of the imaging agents in a clinical setting with diabetic patients.

The common theme in all three programs is developing a better understanding of how diabetes is linked to heart disease, according to Welch.

"Cardiovascular disease is the most frequent cause of death in both type 1 and type 2 diabetes, and diabetics have a much higher incidence of hardening and narrowing of the arteries and of dysfunction of the pumping chambers of the heart," Welch said.

Evidence has shown that diabetics have abnormal accumulation of fatty substances known as lipids in the myocardium, or the heart muscle. Scientists think this buildup promotes the creation of chemically reactive nitrogen and oxygen compounds that damage heart tissue.

The program to develop new imaging agents, headed by Robert

See NIH, Page 6

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Task force

Contractor guidelines examined

OConnell, senior vice president of Washington University, wrote in announcing the formation of the task force. "Some who work here daily are employed by firms that the University has identified as possessing distinctive competencies in managing the delivery of certain important services to the students, faculty and staff.

"I am also mindful of the concern that some use overly positive language for a growing and healthy national debate about the welfare of their employees through competitive compensation and honorable work places.

Firms that do not quality will be given the opportunity to comment on the guidelines, which are expected to be finalized within three months.

See Task force, Page 6

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Olin Library has new look; construction winding down

By ANDREW LEIDENFROST

Students and faculty returning to the Hilltop Campus after the winter break might have been a little confused when they tried to enter Olin Library.

That’s because the entrance moved on Dec. 29, from the east side of the building to its new, permanent location on the south. Black areas on all levels are complete, including Level 3, which reopened over the break, as did Level 1.

The only areas not yet finished are the Crossroads Café, the grand staircase and a reading room on the east side of the building (just inside where the east entrance used to be).

Once inside, visitors encounter an array of improvements through- out the building, including a dramatic new look and arrangement of services on Level 1.

Several key services have been brought together in a single space, behind a curved "shared services desk" called the Help Center. This is the place to go to check out or return books, or to get help with reference questions, interlibrary loan or ordering materials.

Comfortable seating and study tables can be found on all levels. The addition of small-group study areas on all levels on each side of the building will provide a quiet place for students and faculty to work on projects together without disturbing those around them.

Level 1 also now houses many of Olin Library’s most popular collections, including the Reference Collection, the PolitLit Collection, newspapers and current journals. Some 36 public-access computers are along the west wall.

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Elliot Day to honor University founder

BY ANDY CLENDENEN

Don’t know much about William Greenleaf Eliot? No problem, because on Feb. 23 you will have a chance to learn about the man who co-founded the University.

Feb. 23 has been designated "William Greenleaf Eliot Day" and will feature two lectures on him, one in a book signing and signing of Candace O’Connor’s pictorial history of the University, Beginning a Great Work: Washington University in St. Louis, 1853-2003.

The program kicks off open at 6:30 p.m. in Holmes Loughe with remarks by Chancellor Mark S. Wrighton.

Jacobs will then address "William Greenleaf Eliot: The Man Without Guile."

Jacobs is the head of the mid- dle school at Mary Institute and Saint Louis Country Day School. Since 1989, Eliot founded Mary Insti- tute, the first girl’s school west of the Appalachian Mountains. The school is named for his daugh- ter, who died when she was 17.

After Jacobs’s talk, O’Connor will speak on "William Greenleaf Eliot and Freedom’s Memorial.

O’Connor is an award-winning writer who has written widely for regional and national magazines and newspapers. She also is the founding editor of the Missouri Historical Society Press.

A portrait of Eliot by artist Gilbert C. Early will be unveiled in Holmes Lounge.

The book-signing should begin around 5:30 p.m. You may attend the book-signing without attending the University.

See Elliot, Page 6
Village melds student academic & residential lives

By Neil Schoenberr

The Village, now in its third year at the University, is thriving. 

First opened as Small Group Housing, the Village offers students the unique perspective of living to interest groups of 4-6 members who share a common passion and strive to incorporate that into their everyday lives. 

The original concept of the Village was to foster a seamless living and learning environment for students. 

Since the program's inception and students taking residence in the new facilities at the northwest corner of the Hilltop Campus, the concept has continued to grow and expand. 

"I think the Village is very attractive and a functional addition to the Washington University campus," said James W. Davis, Ph.D., professor of biology in Arts & Sciences and faculty associate at the Village. "Combining in one residential development living quarters, flexible dining areas, a number of classrooms and lots of activity spaces — including a small theater, computer labs and practice spaces — the Village clearly enriches the housing options available to undergraduates." 

The Program in Environmental Sciences is one new course designed to introduce students to the study of organisms in their environments. 

The curriculum now provides more flexibility in the natural-sciences track. 

There are three tracks, each focused on earth science aspects of the environment, one on biological aspects of environmental science, and a more general track that combines the two areas. 

Students now also have the option of developing their own tracks. Examples of such tracks might include: global climate change, energy policy and the environment; animal behavior, paleoecology and zoosociology. 

Village clearly enriches the housing options available to undergraduates. 

The in the fall semester, there were 320 students living in the Village, 75 of whom were freshmen. This was the forty-fourth interest group in which students receive about the environment and issues confronting it, and to provide flexible housing options available to undergraduate majors as diverse as the ways in which the environment can be studied. 

The first key change is the establishment of a set of required introductory courses that students from both the social-sciences and natural-sciences tracks must take. 

Now students will take four introductory courses, two from the social sciences and two from the natural sciences, making the majors more cohesive, Loos said. 

Two of the introductory courses are now "Earth and the Environment," replaces "Evolution of the Earth," and is specifically tailored to the needs of Environmental Studies students. 

Picturing Our Past 

The transition from high-school student to college student can be a difficult one for some, and over the years the University has implemented many programs and initiatives to help first-year students feel at home. One was the freshman camp (above, 1954), which brought together enrolled students before their first semester began in order to give them a taste of what college life would be like. Today, potential students get a feel for the University through April Welcome, a program run by the Office of Undergraduate Admissions. Last year, more than 1,000 high-school seniors visited the University. The seniors take part in activities both on- and off-campus during their visits. They room with a current student in a residence hall, sit in on classes, talk with faculty, attend meetings and social activities sponsored by numerous student organizations and sample the area's entertainment and cultural attractions. Many schools and departments offer special information sessions and tours of their facilities.

Washington University is celebrating its 150th anniversary in 2003-04. Special programs and announcements will be made throughout the yearlong observance.
Researchers at the School of Medicine and the Veterans Affairs (VA) Medical Center in St. Louis are conducting a study of VA patients to investigate the effects of screening mammograms on breast cancer risk. The study is part of the VA's National Breast Cancer Project, which aims to gather information about the risks and benefits of mammography screening.

The study involves two parts: one focusing on quality of life in women diagnosed with breast cancer, and another looking at the effects of mammography screening on women without a history of breast cancer. The study is designed to be conducted in collaboration with the National Cancer Institute and the Siteman Cancer Center.

Women with a history of breast cancer who have undergone screening mammograms will be asked to participate in the study. The researchers will collect information about their quality of life, including their physical and emotional well-being, as well as their knowledge about breast cancer screening.

Women without a history of breast cancer will also be asked to participate in the study. They will be asked about their views on mammography screening and their own experiences with the procedure.

The study is expected to take place over a period of several years, with data collection continuing as more women are enrolled. The researchers hope to use the information collected to improve the quality of life for women with breast cancer and to provide guidance for policymakers on mammography screening.

For more information about the study, call 286-1902 or 286-1914.
George Piper Dances: Classical ballet meets Monty Python

Hockney began collaborating, account for the remarkable trans- thought possible. This would begin at 3 p.m. Feb. 16 at Edison Theatre.

Falco and painters of earlier centuries used optics, superconductivity, and magnetism, magneto- covered metallic superlattices, X-ray optics, magnetooptics, and applying Falco's scientific knowledge to the question. The answer, contends Falco, is that painters of the stature of Van Eyck, Caravaggio, Velázquez and Vermeer used precursors of pho- technology for centuries before the invention of chemical processes to develop film in the 19th century.

Falco also is a fellow of the American Physical Society and is

Blood Drive • Food for Thought • Music from the 1980s

Falco to discuss the science of optics Feb. 16

BY BARBARA REA

Falco, Ph.D., a physicist at the University of Arizona, contends that the great master painters of the renaissance used optical aids to help them paint.

In his "Asateries Series presentation, "The Science of Painting and the Optical Gaze," he will detail his findings about this con- tradictory theory. The lecture will begin at 3 p.m. Feb. 16 in the Edison Theatre, Ovations! Series. For more information, call 935-4448.
Harry T. Edwards, chief judge for the U.S. Court of Appeals for the District of Columbia Circuit, will deliver the 2004 Williams Lecture Feb. 18, 7:30 a.m.-5:30 p.m. Surgery CME Course. 6 p.m. Architecture Monday Night Lecture hosted by the School of Architecture at Washington University. "In the Absence of Sun" (2002), Yui Tezuka, architects, Tezuka Architects, Anheuser-Busch Hall. 935-4958.

Wed., Thursday, Feb. 26


Feb. 27


Feb. 28


By Jessica Martin

Edwards to deliver Williams lecture Feb. 18

Harry T. Edwards, chief judge for the U.S. Court of Appeals for the District of Columbia Circuit, will deliver the 2004 Williams Lecture Feb. 18, 7:30 a.m.-5:30 p.m. Surgery CME Course. 6 p.m. Architecture Monday Night Lecture hosted by the School of Architecture at Washington University. "In the Absence of Sun" (2002), Yui Tezuka, architects, Tezuka Architects, Anheuser-Busch Hall. 935-4958.

Both events are free and open to the public. Copies of Edwards' works will be available for purchase, and a book-signing and reception will follow each program. For more information, call 935-5676.

Edwards will be in St. Louis at the request of Alpha Phi Omega, Circle K International and the Student Center. Open to the WUSTL community. Registration required.

8 a.m.-9:30 a.m. Feb. 27.) Cost: $480 for WUSTL students, $560 for non-WUSTL students. Wohl Student Center. 935-5285.

7:30 a.m. pt. on Tap, Wells Fargo Center.

On Stage

Saturday, Feb. 14

7:30 p.m. At the Yale Review. "A Proud Moment for Young People," a reading by magazine editors. On Stage, U. Athletic Complex. 935-4705.

Sunday, Feb. 22

The following incidents were reported to University Police Feb. 4-10. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This information is provided to protect the community and participate in the crime-fighting effort.

**Library Materials being moved to permanent locations**

**From Page 1**

- For doing research, surfing the Web, or browsing books.
- Finishing work contains itself in some interior spaces as well as on the exterior of the building and plaza in front of the new entry.
- The plaza brings a new

There is emphasis to the library and serves as the theme of the Village.

From Page 2

**Practicum**

In the program, students will have the opportunity to work closely with faculty to learn about current events and international cultures, provide service to the community and participate in the performing arts.

**Village Student Assembly**

- To offer constitutional procedures are very much formalized and available to all and respectiveness.
- The Village offers a inviting living alternative.
- Participation in one of the smaller groups affords students an opportunity to work together closely for learning, having about current events and international cultures, provide service to the community and participate in the performing arts.

**Eliot**

- The program's historic book will be available for purchase at the event.
- Until the end of February, the book will cost $39.95. Beginning March 1, it will cost $44.95. It will be available at the Campus Store on the Hilltop Campus and at the Medical Bookstore.
- In 1857, Eliot became acting chancellor and was officially named the University's third chancellor in 1872. He held both positions until his death in 1887.

**Earth and Planetary Sciences Building**

'The masonry work continues with the granite and limestone facing. The roofing is complete, partition framing consists of all levels, and drywall and painting are progressing well. Mechanical, electrical and plumbing contractors continue to work from the lower level up to the attic-level floor, from south to north. Work will continue to focus on completing the finishes and flooring in the building.

- Terrazzo flooring work has started. Placement of the casework is nearing completion.
- MetroLink expansion

**Library**

- Third program directed by Robert Gropler

- To continue focusing on the groups as the theme of the Village.
- It's a just great balance of rewarding," Wrighton said.
- All who work here do so with pride and with confidence that they have been well and fairly rewarded," Wrighton said.

**Village**

- To provide its recommendations welcoming.
-地方 that is respectful and

**Task force to be chaired by Ann B. Prenatt**

- to less than a campus where all who work here do so with pride and with confidence that they have been well and fairly rewarded.

**Task Force on Contracted Employees**

- Ann B. Prenatt, chair. Other task force members are: Justin X. Carroll, assistant vice chancellor for students and dean of students; Michael A. Durno, controller, accounting services; Kenneth E. Edwards, manager of the School of Engineering & Applied Science.

**Robert Gropler, M.D., professor of radiology**

- MACH, Ph.D., professor of radiology, will work to develop agents that bind specifically to two compounds suspected of playing a role in the lipid buildup. They hope to adapt antibacterial drugs already known to bind to the two target compounds for this purpose.

**NIH**

- Third program directed by Robert Gropler

- Mach, Ph.D., professor of radiology, will work to develop agents that bind specifically to two compounds suspected of playing a role in the lipid buildup. They hope to adapt antibacterial drugs already known to bind to the two target compounds for this purpose.

Researchers supported by this first program will also work to develop imaging agents that can help scientists follow the process in that damage heart tissue at the molecular level.

** inspirations to the community and participate in**

**Construction Update**

**Construction Update is published periodically and provides information about the progress of major building and renovation projects. Information is provided to the Record by facilities management.**

**Phase IIB Housing**

- The foundation walls are complete. Erection of structural steel at the first floor is complete. Floor decking is complete. Roof decks are nearing completion. Mechanical work has started on the first floor.

**Phase II Garage**

- The retaining wall on the north side of the site is complete. The footings and columns are complete. The asphalt paving for the first floor parking is complete and open. The second floor will be open Feb. 27.
Curriculum Losos: The "major will continue to be revised" — from page 2

of the most popular Arts & Sciences departments, enroll close to 100 students. It is an interdisciplinary major covering a wide variety of different fields, as reflected by faculty who represent 11 different departments, including chemical engineering. Environmental Studies students are able to fulfill more than one cluster, since the program offers a particular set of courses, and perhaps taking an additional course, students can fulfill the natural sciences and Social Sciences clusters.

Losos said that this curriculum is inflexible for all students beginning with this year’s freshmen. Students who are unhappy with the courses or others may choose to fulfill the requirements in the old or the new curriculum.

The "Environment Studies major will continue to be revised in the near future with the addition of more classes, particularly those for incoming students, and for capture experiences," Losos said.

"We're continually trying to maintain a rigorous curriculum that takes advantage of the diverse resources of Washington University and is flexible in recognizing the many different ways that one can study the environment."
Thrill of the chase

Marc Hammerman's novel approach to curing kidney failure may reduce the chance of transplant rejection

By Michael C. Purdy

Marc Hammerman's innovative approach to this problem involves the use of embryonic pig pancreas cells, which can be transplanted into a patient in a novel way that avoids the usual immune rejection of donated organs.

"There's the moment of truth where you're cold-storing these silver pieces together — you have about three seconds or less between the time the solder melts and the silver melts," says Hammerman.

His favorite piece is a necklace with a green-faceted sapphire. His engagement ring, which features an emerald and a diamond, was made 30 years ago by his wife, Nancy, an artist who paints the silver pieces together — you have to melt a little silver and you waste it." Hammerman explains.

Evidence of Hammerman's personal creative force is near at hand, though. He wears a silver ring on his right hand with a large green stone, a moss agate. He made the ring 30 years ago when he had just graduated from the School of Medicine.

"I took a class in jewelry-making after school in junior high school and sort of picked up the basics of the art," Hammerman explains.

"I always know where Marc stands and where he wants us to go. I can also be sure that we will get there, and that it will probably be an interesting ride." - Lynn Weisemann

Marc Hammerman, M.D. (right), and Feng Chen, Ph.D., associate professor of medicine, examine sequencing data for a rat into which an embryonic pig pancreas was transplanted. "This is one of the great medical centers in the world," Hammerman says, "and being on faculty here has permitted me to do pretty much what I have wanted to do."