Sansalone named dean of School of Engineering & Applied Science

BY TONY FITZPATRICK

Mary J. Sansalone, Ph.D., professor of structural engineering at Cornell University, will become dean of the Washington University School of Engineering & Applied Science on July 1, according to Chancellor Mark S. Wrighton.

Sansalone will succeed Christopher L. Byrne, Ph.D., dean of the School of Engineering & Applied Science since 1991 and the Edward H. and Florence G. Skinner Professor of Systems Science and Mathematics.

“We are extremely pleased to have Mary Sansalone join us at Washington University and lead our School of Engineering & Applied Science,” Wrighton said. “She has an exceptional background in all levels of higher education, from research, to teaching and advising undergraduate and graduate students, to performing many different challenging administrative duties.

“Mary has a keen interest in exploring the interface of engineering and other disciplines,” Wrighton continued. “As such, she has been a very effective collaborator with others in academia, government and industry. We welcome her heartily and look forward to the beginning of her tenure.”

Sansalone is the only ninth dean the School of Engineering & Applied Science has had since 1870. She will oversee approximately 1,100 undergraduate students, 750 graduate students and 80 tenured or tenure-track faculty, 60 research faculty, more than 150 adjunct faculty, as well as more than 300 undergraduates in the joint engineering program with the University of Missouri-St. Louis.

A faculty member at Cornell since 1987, she earned a Ph.D. in structural engineering from Cornell the previous year. She earned a bachelor’s in civil engineering from the University of Cincinnati in 1982, where she studied both civil engineering and mathematics.

“Iary J. Sansalone, Ph.D., professor of structural engineering at Cornell University, will become dean of the School of Engineering & Applied Science July 1.

By CHANCELLOR MARK S. WRIGHTON AND ECCOUNCIL PRESIDENT MAGGIE L. GLERIS.

Calorie restriction’s effects on aging studied long-term

BY JIM DEVEY

Can eating a low-calorie yet nutritionally balanced diet extend human life as it does in rodents? Preliminary research suggests it might, so researchers at the School of Medicine are launching a long-term study to find out.

More than a decade ago several researchers, including John O. Holloszy, M.D., professor of medicine, demonstrated that stringent and consistent caloric restriction increased the maximum lifespan in mice and rats by about 30 percent and protected them against atherosclerosis and cancer.

Human study has been difficult because calorie restriction requires a very strict diet regimen, both to keep the total number of calories low and to ensure that people consume the proper balance of nutrients. However, there is a group called the Calorie Restriction Society that is devoted to limiting caloric intake in hopes of improving health and extending lives. Society members, who call themselves Cronies (Calorie Restriction with Optimal Nutrition), have developed ways to eat low-calorie/high nutrition diets.

LuigiFontana, M.D., Ph.D., assistant professor of medicine and an investigator at the Institute for Aging Research at the Albert Einstein College of Medicine, launched the study April 14 at the Alzheimer’s and Parkinson’s Center, which will be available for the cardiovascular system.

The study, called the Comprehensive Assessment of the Long-term Effects of Reducing Intake of Energy (CALERIE), found that calorie restriction appeared more elastic than those of age- and gender-matched controls. Their hearts were able to relax between beats in a way similar to the hearts of younger people.

And, a team from the Pennington Bio-Medical Research Center is reporting in the April 5 issue of the Journal of the American Medical Association (JAMA) on a six-month study of men and women between 25 and 50 who lowered their daily caloric intake by about 25 percent.

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Let your imagination ride at Thurtene Carnival April 22-23

BY NEIL SCHONHEM

More than 120,000 people from the St. Louis area are expected to attend the annual Thurtene Carnival from 11 a.m.-8 p.m. on the North Brookings parking lot April 22-23.

This year’s theme is “Let Your Imagination Ride.”

Already the oldest and largest student-run carnival in the nation, this year it aims to be better for the environment as well.

For the first time, the event will include recycling bins — to encourage patrons to recycle drink bottles — and disposal and recycling of construction waste, including unused paint.

“Green Thurtene is a new project co-sponsored by Green Action and Engineers Without Borders to encourage an environmentally friendly carnival,” said junior Kelly Grady, public relations chair of Thurtene. “Recycling will be available for the carnival, students will be able to turn in empty paint cans, and we will redistribute wood to the community.”

Net proceeds from the event benefit the University of Missouri-St. Louis Habitat for Humanity chapter, and some proceeds will be donated to the University of Missouri-St. Louis Awareness Walk and the American Cancer Society.”

Building Katrina awareness

Sophomore Brita Jones (above), who is from New Orleans, and Heidi Murken (right) of Lutheran Campus Ministries look at photographs during the “Faces of Katrina” event April 5 in the Women’s Building. The event showcased the memories of the 200 WUSTL students who traveled to hurricane-affected areas during spring break to help with cleanup.

Below & Below Right: School of Law students Darren Grady (below), Audrey Aden and Mike Zografakis participate in a dodgeball tournament April 8 in the Athletic Complex. The event, organized by first-year law students and sponsored by several campus groups, raised hundreds of dollars for Habitat for Humanity’s Katrina relief efforts.

(All photos by Kevin Lowder)
Chinese fiction, his teaching and research focus on early modern Chinese literature, medieval Chinese literature, and the literary and cultural history of the Ming and Qing periods, as well as theater.

In addition to two books, Reading Illustrated Fiction in Late Imperial Chinese and Zhe Yuan, in Seventeenth-Century China, he has authored many essays, several translations of literary works and theoretical articles, and a scholar's handbook. He has also co-edited a volume called Experiences of Self in Chinese Literature, and will have another, Writing and Law in Late Imperial China, published early next year.

During his tenure, Hegel has taught a broad array of courses and has chaired both the Department of Asian and Near Eastern Languages & Literatures and the Committee on Comparative Literature.

He received the University’s Faculty Merit Award in 1995 and in 2001 he was awarded the Outstanding Community Service Award by the Graduate Student Senate. A member of the Committee on Comparative Literature and the Society for the Study of Modern Studies, Hegel contributes actively to professional associations and refereed journals and monograph series.

Liselotte “Liz” Dieckmann arrived in St. Louis by a rather circuitous route. She was a native of Frankfurt, Germany, and grew up in a culture that provided broad opportunities.

“Washington University is a leading scholar in traditional languages and literatures in Arts & Sciences, because he is the father of the Liselotte Dieckmann Professorship in Comparative Literature during the Feb. 2 ceremony in Holmes Lounge. The professorship is a gift of the late William H. Matheson, Ph.D., a professor of comparative literature and a member of the Committee on Comparative Literature in Arts & Sciences, who retired from teaching in 1996 after 25 years at the University. Matheson made the bequest to honor his mentor and the person responsible for his joining the faculty. The gift was engineered with funds from the University’s Sequelentia Endowed Professorship Challenge.

The professorship honors three great citizens and scholars of Washington University: Liselotte Dieckmann, Ph.D., executive vice chancellor, dean of Arts & Sciences, Ph.D., executive vice chancellor, dean of Arts & Sciences, and she served as a model for female faculty, becoming the first woman here to chair a department in 1981. Her considerable intellectual acumen and energy left a deep mark on many junior colleagues.

“Matheson’s legacy in the abiding importance he placed on education and it endures through this professorship,” said Edward S. Wrighton, chancellor, university president. “We are greatly indebted to his mentor, Bill Matheson, and his sister, Bob Hegel,” Chancellor Mark Selotte Dieckmann, Bill Matheson, Ph.D., a professor of comparative literature and a member of the Committee on Comparative Literature in Arts & Sciences, who retired from teaching in 1996 after 25 years at the University.

Chancellor Mark S. Wrighton (right) congratulates Robert E. Hegel, Ph.D., at his installation ceremony as the first Liselotte Dieckmann Professor in Comparative Literature in Arts & Sciences, Feb. 2 in Holmes Lounge. The professorship is a gift of the late William H. Matheson, Ph.D., a professor of comparative literature and a member of the Committee on Comparative Literature in Arts & Sciences, who retired from teaching in 1996 after 25 years at the University.

University plans for ‘cashless’ laundry & vending machines

BY ANDY CLENDENEN

“It’s still not quite as easy as taking the laundry home and dumping it for MoTo for you to wash it out of the fridge, but the University is working on ways to make washing clothes — and getting them clean — easier.”

In response to the interests of students, parents and members of the University community, a cashless system will be implemented for laundry and vending. Those with a Hilltop Campus ID card will be able to use it to purchase snacks and beverages from selected machines on the Hilltop campus.

Additionally, residents of Residential Grounds, which are managed by the University, will be able to pay for laundry services by “swiping” their card.

Machines equipped with card readers will continue to accept cash.

“ALL members of the Hilltop Campus already have their piece of the technology in their pocket,” said Paul R. Schimmele, assistant director of operations. “The Hilltop ID card is ready to use, after employees first activate the account.

“Faculty and staff will activate their card through HRMS Self-Service: Students will go through WebSTAC. The details regarding how the account is maintained have yet to be finalized, but we anticipate that once faculty and staff, and then students, will be able to use the card to access the FAP system (The Faculty/Staff Meal Plan).

“We hope to see laundry rooms coming online throughout the summer, and we hope to have all or most of them completed by the time students arrive for fall semester. The vending machines will be ready to roll out throughout the fall.”

The process has been in the works for just more than a year. In February 2005, a Student Union resolution was presented to University administration requesting the University offer more features on the University ID card. The resolution to this request, a committee was formed to assess the needs of the students.

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In response to this request, a committee was formed to assess the needs of the University campus community.

The committee, representing various administrative offices and Student Union, conducted a survey of undergraduate students. Laundry and vending were identified as features that could be evaluated.

In March, 2006, a recommendation was made to the University administration to add these features.
**Emphysema patients benefit from one-sided lung reduction**

**BY GREG ERICKSON**

In many cases of advanced emphysema—a chronic, progressive lung condition that interferes with breathing—reducing the size of the lungs by surgically removing a portion of both lungs has been shown to improve both survival and quality of life. But some emphysema patients can’t tolerate this bilateral operation.

Now a study conducted by researchers at the School of Medicine and the University of Pennsylvania has shown that unilateral, or one-sided, lung-volume reduction surgery has significant benefits for some emphysema patients, of helping those who are not candidates for the bilateral surgery.

The researchers described their work at the recent 42nd annual meeting of the Society of Thoracic Surgery.

“A certain subset of emphysema patients who are candidates for bilateral surgery” said Bryan Meyers, M.D., associate professor of surgery at Barnes-Jewish Hospital. “Those patients who have straining on one side of their chest from the lungs pressing against the heart, have contrasting heart conditions and the rest of their lungs are normal. Their emphysema affects only one side of their lungs” — these are all candidates for a unilateral lung-volume reduction procedure.

The presentation discussed outcomes for 49 emphysema patients who underwent unilateral lung-volume reduction surgery at the School of Medicine and Barnes-Jewish Hospital.

After the procedure, the patients on average had more than 30 percent increased lung function as measured by how much air they could blow out with a maximal force, in one second.

The surgeons also reported that the unilateral surgery patients had lower post-op complications, such as infections.

“Although all patients had excellent outcomes, with no deaths, we found that unilateral surgery lowered post-op complications,” said McDaniel.

In addition, the researchers report that patients who underwent unilateral surgery recovered faster than those who had bilateral surgery.

McDaniel and his colleagues also reported that unilateral surgery patients who had the bilateral procedure were able to get out of the hospital in four days, compared to six days for those who had the unilateral procedure.
Edelman to end Assembly Seasons series

By BARBARA REA

When she moved to Washington, D.C., Edelman became involved with the Poor People’s Campaign, an initiative of Martin Luther King Jr. In focusing her efforts on children’s issues, she also created a public-interest organization called the Washington Re- search Project.

Back in Minnesota, she experienced firsthand the struggle against institutional poverty and the disregard for the needs of the less fortunate, her health care and lack of care and hope. It also was in this state where she became the first African-American to join the bar.

She worked with a variety of organizations, such as the Children’s Defense Fund (CDF) to ensure every child a healthy start, a head start, a fair start, a safe and moral start in life and subsequent fulfillment of the basic need of all children in the care of loving families and communities.

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PAD to present Violet: A Musical Pilgrimage

BY LIAM OTTER

It's 1964. An embittered yet deeply religious young woman, disfigured by childhood injuries, boards a bus in search of a TV evangelist who claims to possess healing powers.

So begins Violet: A Musical Pilgrimage, one of the most acclaimed musicals born on off-Broadway last decade and one of the prizewinners of the 1996-97 New York Drama Critics' Circle Award for best musical. (It beat Titanic and other acclaimed off-Broadway shows of the past decade and surprised winner of the 1996-97 New York Drama Critics' Circle Award for best musical. (It beat Titanic and other acclaimed off-Broadway shows of the past decade and surprised winners of the 1996-97 New York Drama Critics' Circle Award for best musical. (It beat Titanic and other acclaimed off-Broadway shows of the past decade and surprised winner of the 1996-97 New York Drama Critics' Circle Award for best musical. (It beat Titanic and other acclaimed off-Broadway shows of the past decade and surprised winner of the)

Indeed, the changing stage becomes something of a metaphor for Violet's own journey.

"Violet thinks that she wants to change the way she looks, but what she really wants is to change the way she is perceived," Pileggi said. "The staging embraces the audience along on that journey of perception, challenging them to see things in new ways."

Rounding out the technical team is Lisa Campbell, lecturer in music and Arts & Sciences, who serves as musical director. Catherine Kastablo-O'Neal, senior lecturer in the PAD's Dance Program and director of the Ballet Program, is choreographer and staging consultant. Costumes are by Kymberly Casali.

Features that stand out include a pair of soldiers — the cocky, womanizing Thomas (thirty). He is a much deeper, more substantive level with Flick. Monty (senior Chauncy Thomas).

"Monty is immediately drawn to Monty, who is gorgeous, says Junior Flick, senior lecturer in the PAD, who directs the cast of 13. "But she connects with a woman, a antenna, with Flick. Monty talks about his motorcycle; Flick touches Violet's scar and asks, "Does that ever hurt you?""

"A counter-top becomes a bed, suitcases become bus seats. It's an ever-evolving world that is transformed throughout the play."

For more information, call 935-4543.
McGlothlin to speak about Holocaust literature April 17

E llen McGlothlin, Ph.D., 2006 Faculty Fellow and assistant professor of German lan-

guage and literature at Washington University, will speak on "Narrative Transcendence in Contemporary German-Jewish Holocaust Literature," during a ceremony before on April 1 double-sided plaque donated to Knox College by Kelly McGlothlin and his former graduate school mentor, associate professor and Director of Athletics John Schael. Just before the Bears played in April 5, he was named the recipient of the 2006 baseball team went 4-0 last week to improve to 26-5; in its final four games, WUSTL limited its opponent to two runs. Junior Eddy Hoering started his big league career in the second

ning of an 8-2 win April 4 against Maryville University. In Game 2, the Bears prevailed, 7-2, after Junior Talbot, hitting his first career double, scored the winning run in the fifth. The Body and Senior Matt 6-2 at Eureka College April 5. The win was No. 50 on the Hilltop for head coach Rick Lammers, 8th victories over No. 25 Illinois Wesleyan (1-0) and

served as associate director of the newly constructed press box to his memory. The week preceding the car-

Men's tennis extends winning streak to six; now stands at 11-1

The No. 9 softball team was 4-0 at the Illinois Wesleyan University Tournament in Bloomington, III. On April 8, the Bears posted a 5-2 win in eight innings over the University of Chicago, and then notched an 8-0 victory over No. 24 Hope College. Junior Lueter Sagartz, who was 2 for 4 with an RBI, pitched eight innings, allowing six hits while striking out six. Sophomore Karyn Eash pitched an hitless shutout and hit a home run against Illini. On April 9, Sagartz pitched 12 2/3 scoreless innings and picked up two wins on the mound as the Bears' post victory over No. 25 Illinois Wesleyan (1-0) and

Senior Ryan Corning hit a solo home run in the seventh inning. He is 7-0 this season and is on his career, the seventh-most wins in WUSTL history.

Thurttne Awards to be presented at carnival's conclusion — from Page 1

Thurtine Carnival has been

and will cause some close

scores in the North Brookings Golf League (set 4).

Fifty parking spaces closest to Brookings Drive will be closed April 15-24. For more information, call the transportation office. — Neil Schnellert

Tickets must be purchased for rides and some games.

The week preceding the car-

dubbed "Lot Week," rec-

tives from the governor as the

of the American Association for

Rennen K./Design, 410-652-3958

Weil/N./Design, 410-652-4253

Allan/S., 410-652-1022

Schunnuck/A., 410-652-3400

Transit/Office, 410-652-4255

Admissions/Office, 410-652-3050

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2006

Baseball team sweeps four games, now 26-5; Lessmann wins 300th

Located in downtown Washington, D.C., the parkland is the centerpiece of the nation's capital and the seat of the federal government. It is a large, green space that includes the National Mall, which is the site of many important events and landmarks. The mall is home to the National Archives, the National Gallery of Art, and the Lincoln Memorial, among other attractions. The park also contains several museums, including the National Museum of African American History and Culture, the Smithsonian National Museum of Natural History, and the National Air and Space Museum. In addition to these permanent exhibitions, the park hosts a variety of special events throughout the year, such as concerts, festivals, and fireworks displays. Visitors can enjoy a variety of activities in the park, including walking, running, bicycling, and picnicking. The park is also an important location for many political events, such as the annual Martin Luther King Jr. Day of Service and the Women's March. Overall, the National Mall is a popular destination for tourists and locals alike, offering a unique blend of history, culture, and natural beauty.
School of Engineering & Applied Science to recognize alumni

By Tony Fitzpatrick

Four School of Engineering & Applied Science alumni will receive Alumni Achievement Awards, the fifth Young Alumni Award and a husband and wife: the Dean’s Award at the school’s alumni and friends awards program, April 19 at the Ritz-Carlton, St. Louis.

Andrew M. Bursky, Arnold W. Donald, Harold H. Schreimann and Nancy Green will be honored.

Bursky (bachelor’s in chemical engineering, 1978) will be recognized for his entrepreneurial spirit and professional accomplishments, as well as his extensive community service.

He is a member of the Board of Trustees of Monsanto and his New York Regional Cabinet. Bursky’s in mechanical engineering, 1977) will be honored for his dynamic leadership with Monsanto Co. and Merisant Co., as well as his extensive community involvement and charitable activities.

He joined Monsanto in 1979 and worked there for more than 20 years.

In 2000, he founded Merisant. In 2006, he became president and chief executive officer of the Monforts Dairy Foundation.

He is a member of the University’s Board of Trustees, is on the executive committee of the William M. Greenleaf Eliot Society and a member of the School of Engineering’s national council.

Bursky’s focus in industrial engineering, 1949) will be honored for his dynamic accomplishments and long dedication to the School of Engineering.

He began his career as an industrial engineer for a diversified paper-converting operation. In 1960, he joined Container Corp. of America, where he eventually took over all phases of operation for plants throughout the United States.

Schreimann later formed Atlas Holdings LLC.

Today, he is a member of the University’s Board of Trustees and its New York Regional Cabinet.

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He joined Southwest Steel Supply Co. in 1941 and had a 45-year career there, rising to president and chairman. He was noted for his leadership, innovation and devotion in the steel industry. A native St. Louisan, he died at 88 in 2003.

Nancy, also a St. Louisan, serves on the advisory board for the Preston M. Green Charitable Foundation.

The event will start at 7:45 p.m. with cocktails, dinner at 6:45 and awards at 7:30.

For more information on the event, call 935-4730.

Crime alert

University Police issued the fol-

owing crime alert April 3.

Persons with “the club,” University Police and the Quadrangle Housing Office offer a $500 reward for information on

"the club" at a residence at 935-1004. See story on p. 17.

Additionally, University Police responded to four reports of property damage, three auto accidents, two reports of incendiary device damage and one report of harassment.

"If you drove through campus and were not aware of the increased security presence, you may have been one of the hundreds of people who drove through campus and were not aware of the increased security presence," Fontana said.

"This is the first time University Police have communicated this type of alert," she said.

For more information, contact University Police at 935-1004.

Campus Watch

The following incidents were reported to University Police April 9-15. Readers with information that could assist in investigating these incidents are urged to call 935-5555.

The information is intended for a public service to promote safety awareness and is available on the University Police Web site at police.wustl.edu.

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For years, the St. Louis region has attempted to pro-
mote itself as a new bi-
technology hub. But if that is the case, how aligned are the local human resource develop-
ment strategies with the economic goals of the area? If St. Louis does become a great biotechnology hub, where will the scientifically literate workforce come from?

These are the questions that William F. Tate, Ph.D., the Edward Mallinckrodt Distinguished Uni-
versity Professor in Arts & Sci-
ences, attempts to answer.

A mathematics educator and social scientist by training, Tate has made great strides in further-
ing the advancement of mathe-

matics and science education re-

search. He joined the faculty in 2002 as chair of the Depart-
ment of Education in Arts & Sci-

ences. Tate, who also is professor of American Culture Studies in Arts & Sciences, is interested in exam-
ining the relationship between a city's economic goals — in partic-
ular those goals that require sig-
ificant technological advance-
ment — and the civic actions that limit or accelerate human re-
source capacity to achieve the stat-
ed goals.

Understanding the state of af-
fairs of mathematics education is a vital aspect of this re-
search.

"If St. Louis claims it wants to be the next biotechnology hub, then I want to understand what mechanisms are put in place to provide local people with the technological skills necessary to make that a reality," Tate says.

The center he directs, the St. Louis Center for Inquiry in Sci-
ence, Teaching and Learning (CISTL), conducted a study of Missouri Assessment Program (MAP) science test scores from 30 local school districts. The data showed that scores in science pro-

ficiency were sorely lacking by the time students reached 10th grade.

A similar study has just been conducted on the mathematics skills of the region's youth, and the results are among the state's worst.

Knowing the science attain-
ment of students is important for understanding how students are being prepared for science-related careers and for ensuring that the discipline, engineering and technology jobs being created now and after college, Tate claims.

"High school graduates profi-
cient in science are crucial if our region is going to accomplish the goal of being a biotechnology hub," he says. Additionally, com-

munity members with strong sci-

ence backgrounds also might be more inclined to support science initiatives. It is hard to support what you don't understand."

Tate hopes to continue building the Department of Education in new and exciting ways. His work on science education is highly respected throughout the country.

"...He is the real deal — a great faculty member."— EDWARD S. MACIAS

Born in Chicago, Tate earned a bachelor's degree in economics from Northern Illinois University in 1982. He earned a master's degree in mathematical sciences from the University of Texas, Dal-

las, in 1987, and a doctorate in mathematics from the University of Maryland in 1991. He then was hired as a profes-
sor of mathematics education at the University of Wisconsin, a po-


tition he held for 10 years. In

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commons, he served as scholar-in-

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In 2001, Tate was named the William L. and Betty F. Adams Chair and professor of mathematic-

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In the past three years, the department has been ranked in the top 50. The honor is unique in that all other competitors are generally large colleges of education separate from Arts & Sciences.

A second goal of Tate's was to expand math and science educa-
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Tate is very nice community of learners and researchers. He also really enjoy working with the students. I think they are fantastic. They are up to whatever challenges we provide them and they look to go further. When he's not focused on the political and economic dimensions of science and mathematics education, Tate enjoys playing basketball in the noons hoops game at the Athletic Complex and is taking fencing lessons with his 9-year-old son, Quentin.

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