Antibody cures West Nile virus in mice

BY MICHAEL C. PURDY

A newly developed monoclonal antibody can cure mice infected with the West Nile virus, according to University scientists. If further studies confirm the effectiveness and safety of the antibody, it could become one of the first monoclonal antibodies used as a treatment for an infectious disease.

In a strain of mice that normally has only about a 10 percent survival rate after West Nile infection, scientists found that single doses of the antibodies given soon after infection could boost survival rates to 90 percent or higher.

"To our knowledge, these experiments are the first successful demonstration of the use of a humanized antibody as a post-exposure therapy against a viral disease," said senior investigator Michael S. Diamond, M.D., Ph.D., assistant professor of molecular microbiology, pathology and immunology and of medicine.

They also suggest antibody-based therapeutics may have a broader utility against other infectious diseases.

He pointed out that macroge- nesics Inc., of Rockville, Md., a company that contributed to the study and licensed the antibody from the University, must complete other preliminary studies before the antibody can be tested in hu- mans. But Diamond and his col- leagues are excited by the apparent potency of the antibody and its potential to help them explore new possibilities for treating related viruses that are more prolific causes of hu- man disease and death.

"We could give a single dose of this antibody to mice as long as five days after infection, when West Nile virus had entered the brain, and it could still cure them," Diamond said. "It also completely protected against death from the disease."

Researchers will report their findings in the May issue of Nature Medicine.

In 2004, West Nile virus report- edly caused 2,470 infections and 88 deaths in the United States. Most infections with the virus are mild or symptom-free, but infec- tions in people with weakened immune systems and those over 50 sometimes lead to serious com-"See Antibody, Page 6

Diamond

Syverud is named School of Law dean

BY JESSICA MARTIN

KENT D. SYVERUD, J.D., dean of the Vanderbilt University Law School, has been named dean of the WUSTL School of Law effective Jan. 1, according to Chancellor Mark S. Wrighton.

Syverud will also become the Ethan A.H. Shepley University Professor.

Joel Seligman is a very tough act to follow, but I am confident that Kent will oversee another great era at the School of Law," Wrighton said. "Kent Syverud has a national reputation for excellence and integrity in everything that he does.

While he was dean at Van- derbilt, he was the complete law school dean candidate in the country," Keating said. "Kent Syverud has a national reputation for excellence and integrity in everything that he does.

I think we succeeded in hiring the most talented law school dean candidate in the country," Keating said. "Kent Syverud has a national reputation for excellence and integrity in everything that he does.

"Kent is a very experienced academic leader, and I welcome his taking on special projects and interdisciplinary initiatives for the University, in addition to his re- sponsibilities as law dean. I especi-"See Syverud, Page 6

(continued on Page 6)
Service award changes name to honor Virgils

**BY BARBARA REA**

Seven recipients of the 2005 Gerry and Bob Virgil Ethic of Service Award were honored at an April 21 ceremony for their dedication to improving the St. Louis region.

The Ethic of Service Award annually recognizes a select group of University community members who exemplify a character of service and giving to the St. Louis community. Created last year as part of the University commemoration of its 150th anniversary, the award was initially named the Seapiquentennial Ethic of Service Award. This year, the award was renamed to acknowledge the generous support of Geraldine J. and Robert L. Virgil and to recognize the couple’s service to others.

Stephanie Kurtzman, director of community service and administrator of the award, sees the Virgil name as a perfect fit. “The Ethic of Service Award is an inspiring testimony to the good work being done in St. Louis by members of our University community,” Kurtzman said. “It is so fitting that the award be attached to the Virgils’ name and their years of dedication to St. Louis and to Washington University.”

Bob and Gerry Virgil have been involved in the University community for decades. Boris Virgil, who has long careers at the University.

“The Ethic of Service Award is an inspiring testimony to the good work being done in St. Louis by members of our University community. It is so fitting that the award be attached to the Virgils’ name and their years of dedicated service to St. Louis and to Washington University.”

**Chancellor’s Concert to be staged by chamber choir & symphony orchestra**

**BY LAM OTTEN**

The Washington University Symphony Orchestra and the Washington University Chamber Choir will present the 2005 Chancellor’s Concert on April 24, 5 p.m. at Graham Chapel. The program, which will include works by Hector Berlim, Felix Mendelssohn and Ottorino Respighi, will highlight two recently acquired instruments — a baroque grand piano — as well as Graham Chapel’s newly restored Roland Quest organ.

The Washington University Symphony Orchestra, under the direction of Musical Director Thomas Young, conducts the 73-member symphony orchestra, John Stewart, director of vocal activities, conducts the 60-member Chamber Choir.

The program will open with Beethoven’s “Pastoral” (1808), one of the most famous symphonies ever written. The popular movement, which features a模仿 of a country dance, will be melded with the music of the concert. Accompanied by the orchestra, a glockenspiel will be used to create a musical score that takes place on the eve of May Day.

The program will conclude withRespighi’s The Pines of Rome (1923-26), which musically depicts four stands of pine trees located throughout that city. Notably, the piece ends with the University’s three new instruments, as well as eight students with full orchestra.


The new harp — a gift from the University’s financial services department — is the first of its kind in the region. For more information, call 935-4841.
Cicero to step down after decade as vice chancellor for research

By Jim Duchess

Theodore J. Cicero, Ph.D., vice chancellor for research, will step down in June 2006 after a decade of strategic leadership for the University's research enterprise.

"When something needs to be accomplished, it is important to get the faculty on board," Cicero said. "My job has been to preserve the integrity of the University's research program and to accomplish what our research survey reveals, it is imperative to encourage excellence, and to encourage teaching that excellence to residents and medical students. Two Leob fellows will be selected from the clinical or investigator-track faculty at the medical school. In addition, two other fellows will be chosen from the voluntary clinical faculty, thanks to support from the BIH Foundation.

The first Loeb teaching fellows will be appointed Sept. 1. Appointment terms will be for two years, with annual review and renewal, and successful fellows may reapply for an additional two-year term. Fellows will receive $50,000 annually to allow for significant time to be dedicated toward teaching clinical medicine.

Nominations must have a record of excellence in patient care and clinical teaching. The following criteria will also be considered:

- Loeb fellows will meet new or unique clinical teaching needs for residents and medical students. They should invest time in both teaching and curriculum development, with direct teaching allotting for a substantial portion of the fellowship.
- Faculty members who already have substantial teaching commitments should describe plans to improve or expand current educational activities.
- Innovation in teaching methodologies or programmatic developments is desirable, and selected fellows will participate in seminars, retreats and faculty development programs.

Fellowship applications must include a written description (no more than two pages) of the applicant's teaching and curriculum development plan that addresses the above requirements, including the number of learners expected to benefit as well as a description of the expected benefit to the fellowship.

Applicants should also include a CV, documentation of excellence in clinical care and teaching and a nomination letter from their department head, which includes a delineation of time dedicated toward the fellowship.

Applications are due May 27 to the Office of Medical Student Affairs, Campus Box 8073.

For details, call 362-7800 or e-mail witz@msubio.wustl.edu.

Sharing knowledge

Professor Cicero, who will return to the role of department chair of the Department of Psychiatry, and he will return to his own current faculty position.

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Two Leob fellows will be selected from the clinical or investigator-track faculty at the medical school. In addition, two other fellows will be chosen from the voluntary clinical faculty, helping us attract and retain renowned physician-scientists like Dan Kelly.

Most recently, Kelly, also a professor of medicine, of molecular biology and pharmacology and pediatrics, initiated an innovative animal model of the cardiovascular effects of metabolic disorders such as diabetes. Funded by the National Institute of Health's Roadmap for Medical Research, the project brings together 13 departments at the University and as well as other experts in Missouri.

Kelly retired from the medical school's prestigious BioMed 21 initiative, which was created to rapidly bringing advances in basic science to the patient's bedside.

"Dr. Kelly is an extraordinary medicine professor, and he will return to his own current faculty position.

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Health Disparities in Diabetes • On Love and Money • The Secret Life of Slicer

University Events

76th Fashion Design Show at Gallery

BY LAM OTTEN

The Saam Fox School of Design and Visual Arts will present The 76th Annual Fashion Design Show May 1 at Saint Louis University. The fully choreographed, Paris-style extravaganza will feature dozens of professional and volunteer models wearing more than 100 outfits created by 13 seniors and five juniors from the school's fashion design program.

Festivities will begin with a reception at 7:30 p.m. in the Galleria's Garden Court, near the entrance to Louis T. Beyer Hall.

The hour-long show will start at 8 p.m., followed by a dessert reception for the designers and audience, during which many of the featured costume creations will be available for purchase.

Emphasis on design

High Singleton, head of the fashion design program, compared the show to a Broadway-style revue featuring lights, music, drama and, of course, glamorous couture.

"Clothing—solicited by a jury of university faculty and professional designers—will range from suits and sportswear to dresses gauged by fashionable cities, and opera coats on the theme of "The Night," she explained.

The show will also highlight the students' personal collections, each a fully coordinated clothing line tailored to a specific audience and based on a specific theme.

"This is a fashion design show, emphasis on design," Singleton said, "There's a definite learning experience for the students as part of the project. What is a sleeve? How do you make a waistband or underline a garment? How do you cut fabric, to make patterns, to sew?" She took what had been a small, traditional event and transformed it into the big, glamorous production it is today.

This year marks the show's 15th appearance at the Galleria.

For the 13th year, the models' hair was done by Dominick Bertani of the Dominic Michael Silver Scissors Designers. The show's makeup was done by MAC.

Outfits are modeled by professionals and is a new twist this year—by an exclusive group of male supporters of the fashion show program. Show coordinator Jane C. Moro explained that what began as kiding among colleagues became a unique way to raise funds.

"The years, several of my doctor friends have asked why they're not in the show," Kairus said. "So this year I invited them." The volunteers, each of whom donated $100 to the fashion program, will wear their own tendencies and accolades, and will receive a photograph and a video of their modeling debut to share with family and friends.

Outfits are modeled by professionals and volunteers more than 100 outfits created by 13 seniors and five juniors from the school's fashion design program.

Lepore, Lilly Pulitzer, Niki, Lands End, End, Fitzgerald, Lane Bryant, The May Co. and Federated Department Stores. General admission to the show is $30, $25 for students. Tickets are available through the Edison Theatre Box Office 955-6543, and at the Galleria concierge service desk. A limited number of tickets will be available at the door.

For more information, call the 24-hour hotline at 955-8900.

This ball gown, designed by senior Ashton Vinson, will be among the couture creations displayed at The 76th Annual Fashion Design Show May 1 at Saint Louis University. The fully choreographed, Paris-style extravaganza will feature dozens of professional and volunteer models wearing more than 100 outfits created by 13 seniors and five juniors from the school's fashion design program.

On Stage

Friday, April 29

8 p.m. ONTARIO! Series: Vocal Arts Domestic Scene, Secret Heart. (Also Apr. 6 at 8 p.m.) Cost: $24 for seniors; $14 for students and children. Edison Theatre 955-6043.

9 p.m. Performing Arts Department Presentation, The Gift of Dusk: in Order to Catch a Bird by Brian Golden, winner of the A.E. Hotchner Student Playwriting Competition. Jeffrey Matthews, dir. (Also Apr. 8 at 3 p.m. and Apr. 11 at 3 p.m.) Cost: $12.50 for seniors and WUSTL faculty, staff and students. Midwest Repertory, A.E. Hotchner Studio Theatre. 955-6043.

Saturday, April 30


Friday, May 6

9 p.m. ONTARIO! Series: The Passing Show (also May 7 at 8 p.m. Cost: $24 for seniors & WUSTL faculty, staff and students, $14 for students and children. Edison Theatre 955-6543.

Sports

Saturday, May 7


And more...

Friday, April 29

3 p.m. Film & Media Studies Children's Film Festival 2011: Presentation, Anybody Can Dance (English; 27:15 min; 1990) Co-sponsored by the Program in Children's Studies. Brown Hall, 911. 955-2016.
Flying chainsaws!

'The Passing Zone' extreme jugglers at Edison May 6-7

BY LAM OTTEN

From clubs and machetes to bowling balls and members of the audience, Owen Morse and Jon Wee — collectively known as "The Passing Zone" — boldly juggle what few jugglers have juggled before. Morse and Wee will bring their trademark mix of side-splitting comedy and gut-wrenching suspense to the Edison Theatre's OAVITIONS! Series with performances at 8 p.m. May 6-7. Morse and Wee began juggling as teenagers and were introduced by a mutual friend in 1986, while Wee was attending Luther College and Morse was at University of California, Irvine. The duo met again the following year at the International Jugglers' Association (IJA) convention in Akron, Ohio. They began performing professionally in 1988, making their debut at the IJA Team Championship in Denver.

Over the years, Morse and Wee have earned a reputation as the world's funniest, and most ambitious, jugglers. Their repertoire includes five world records and 18 gold medals from the IJA — more than any other team. Over the years, Morse and Wee have juggled before the audience, dressed as astro-nauts, fly about the stage to the theme from '2001: A Space Odyssey.' The Passing Zone has been featured on "The Tonight Show," "The Today Show," "Live With Regis & Kathie Lee" and "The Mike America" program. Morse and Wee have performed with Bob Hope, Tony Bennett, Bob Newhart, Penn & Teller and "Weird Al" Yankovic among many others.

A performance for England's Prince Charles prompted him to remark, "Very clever, although I'm glad I'll be able to hand back the front now!"

Edison Theatre performances are supported by the Missouri Arts Council, a state agency, and the Regional Arts Commission, St. Louis.

Tickets are $22; seniors $24 and WUSTL faculty and staff; and $18 for students and children. Tickets are available at the Edison Theatre Box Office and through all Metrotix outlets. For more information, call 935-6543.

Religion scholar Huston Smith to speak May 3

BY LAM OTTEN

The Center for the Study of World Religions and Human Values will present "A Conversation With Huston Smith" at 12:15 p.m. May 3 in the Women's Building Formal Lounge.

Smith, who taught philosophy in Arts & Sciences at WUSTL from 1947-1958, is a renowned author of nearly 50 books, and a scholar of world religions.

"Smith is perhaps best-known for The World's Religions (published in 1958 as The Religions of Man), a still-widely used textbook that has sold two million copies and has been translated into 13 languages," said Larry Smith, a master's degree in mechanical engineering in the School of Engineering & Applied Science and philosophy in Arts & Sciences; a master's degree in mechanical engineering; and a graduate certificate in biomedical engineering, all in engineering.

Seger has also distinguished herself by reaching across academic and social barriers to create an extraordinary legacy of achievements. She organized and found funding for what became the Washington University Marrow Registry. More than 1,000 people have entered the registry, with at least 15 lives saved as a direct result.

Seger has also served as a member of the Institutional Review Board for approval of human studies at the School of Medicine, and she has been on a team developing a pain inventory for cancer patients.

She has been a leader in the development of the Center for the Study of Ethics and Human Values, helping to organize a national forum on medical malpractice reforms, among other activities.

She also plays the flute in the University orchestra and the St. Louis Wind Symphony.

Seger graduated with degrees in international studies and in Spanish, both in Arts & Sciences. She has been a dynamic force in seeking opportunities to enhance her experience at the University.

She has served as a community service adviser, assisting students with their community service options; taught English language and culture to students at the Men's Community Center; was a fluent English language and culture to students at the Men's Community Center; was a fluent

Although there were specific guidelines to follow, through her creativity and willingness to experiment, Sullivan demonstrated impressive skills in motivating people to participate in the process. Under her leadership, Project Democracy at WUSTL has become a model for similar efforts across the nation.

Sullivan is a residential adviser and serves as one of two undergraduate representatives to the University's Board of Trustees and to several of the board's standing committees.


Smith's own film documentaries on Hinduism, Tibetan Buddhism and Sufism have been internationally successful, including "The Journey ofታ Themes of human experience..." For more information, call 935-9358.
Livin' the magic more than 100,000 people attended the annual Thurman Carnival April 16-17 in the Athletic Complex. parking lot. This year's carnival was themed "Dream Big; Live the Magic!" Thurman is the oldest and largest student-run carn-ival in the nation. Proceeds from the event, which featured games, rides, food and student productions, will benefit LIFT for Life, a nonprofit organization that provides St. Louis city-at-risk children the tools they need to develop their character, intellect and through educational and recreational programs. More than 50 student organizations participated in the carnival, presented by members of the Thurman 13 juniors who bear sole responsibility for continuation of the tradition.

Tracking and field teams are UAA champions

The island women's track and field teams swept the UAA Outdoor Track Championships at Francis Field April 23-24.

With two league championships, the University broke its record for most overall conference championships in a single athletic year with 11; WUSTL also had a league record, nine, which had been set on three occasions.

The women tallied 113 points and were led by senior Maggie Grabow and freshman Danielle Washington. Grabow won the 1,500-meter run in 4:41.74, and she followed that with a first-place finish in the 5,000-meter run in 17:57.80.

Washington displayed her versatility throughout the weekend, winning the triple jump and the 200-meter dash Sunday. Additionally, Washington joined four of her Bear's winning 4x100 relay squad that set a UAA record by clocking a 48.79 time provisionally qualify for the NCAA Outdoors.

She was joined on the winning team by senior Hallie Hulstins, junior Sarah Sahn, Brookefield and junior Julie McDermitt. Junior Lauren Debevec and sophomore Nadia Badowski, Washington and junior Michelle McCallily combined to win the 800-meter relay in 2:00.30.

Ehret also picked up the 800-meter conference title by posting a time of 2:19.39, and McCallily won the 400- and 50.18. Hutchens made more UAA history in the 100-meter hurdles, becoming the only student-athlete to win the event four consecutive years in the league's 18-year history.

Sophomore Delain Martin added another win by winning the discus. In the prelims she recorded a season-best throw of 39.34 meters and held on for the win in the final (34.44 meters). Freshman Tiffany Barbour took home the javelin championship with a throw of 32.18 meters.

Junior David Skiba paced the men's squad, winning both hurdles events. He won the 110 hurdles in 14.81, good for an NCAA "B" cut. Skiba recorded another personal-best qualifying time in the 400-meter hurdles, clocking a time of 54.36 for the win. Junior Drew Martin claimed the men's discus, registering a throw of 42.34 meters.

The men, 10-time UAA outdoor champions, won seven individual titles and have won six straight since 2000.

Baseball splits two; closer to wins mark

The baseball team split its two games at month to move to 28-7 overall, just two wins away from matching the single-season record for victories.

WUSTL led 7-3, on April 19 at a 2-0 lead at Washington. But on April 21, the Red and Grads edged out the Scots 12-9 and 16 runs to end its three-game slide. Dan Rock well in the second 3-2 win in another round-tripper, his team-leading 10th of the season, his 10th career WUSTL single-season record. Sophomore Nick Marcell let the distance on the mound and improved to a team-best 1-1, as he allowed just four hits and struck out 11.

Softball team ekes out two narrow road wins

The top-ranked softball team improved to 41-1 with two one-run victories over Westminster College April 24 in Winona, Iowa. With the two wins, WUSTL ex- tended its school-record winning streak to 24 games.

In Game 1, senior Luckie Burg- dorff hit a two-run, two-home run in the top of the seventh to lead the Bears to a 2-1 come-from-behind win. The home run for Burg dorff was the first of her career. Sophomore Laurel Sagartz picked up the win in the first game 10-0 over Westminster.

In the nightcap, the Bears pounded out 13 hits and held off a late rally from the Knights to post a 4-3 victory.

Women's tennis team sweeps Principia, 9-0

The women's tennis team wrapped up regular-season play April 19 with a 9-0 sweep at home against Principia College.

The No. 1 singles, senior Kacie Cook rolled past Principia's Kat Potomey, 6-1, 6-2, while junior Kristen Wilson, who is a recipient of the Paul Wadlington. Grabow won the singles, 6-0, 6-3, to up her record to 10-3 overall, Senior Sera Kuhdolph moved up to 10-6 after the win, 6-1, 6-3, to up her record to a team-best 13-5 overall.

Men's tennis team takes two of three

The No. 17 men's tennis team posted a 2-1 record last week to end its regular season in a 13-5 record.

The Bears opened the week with a 7-0 win over Maryville University April 15 at the T3 Tennis Center. On April 15, WUSTL split matches with 10th- ranked Park University and Coe College.

Freshman Charlie Howard posted WUSTL's only victory in a 5-2 loss to No. 10 Kalamazoo College with a 6-6, 6-5 win. Ho- ward capped the week off with two victories in the first 9-1 win over Coe College. He leads the team with a 24-4 singles mark and is 20-9 in doubles for a 44-13 overall mark.

Antibody

From Page 1

-

plications or death.

Antibodies typically work by attaching to a piece of a foreign cell or molecule, which causes the immune-system cells known as macrophages to engulf it and remove it from the body. Binding to the invader is just the beginning of the battle, though. Some antibodies tend to bind with the invader and hold it in a way that prevents it from attacking the body. Antibodies also bind with viruses to prevent replication or death.

The human immune system would deal out these foreign anti- bodies quickly, so scientists at Macrogenics clipped out the genetic material that controls the production of the target of the potent antibodies and cloned it into a human antibody. The "humanized" antibody should allow it to induce an adverse human immune system response.

A second round of tests in mice confirmed that the new antibodies retained their ability to stop West Nile virus.

Monoclonal antibodies are in development or are used as anti-cancer and anti-inflammatory treatments. An antibody against respiratory syncytial virus is approved for use as a prophylactic treatment in children at risk of the disease in hospital. Unlike the West Nile virus antibody, though, this antibody has to be given prior to infection.

West Nile virus belongs to a family of viruses known as Flav- viruses, several of which are spread by mosquito bites. Other flaviviruses include the virus that causes dengue fever, a potentially life-threatening infec- tion prevalent in tropical cities. Epidemiologists at the Centers for Disease Control and Preven- tion estimate there are annually 100 million cases of disease worldwide.

"A lot of what we're learning from the West Nile virus antibody will be of consequence for the development of a pediatric dengue vaccine," said co-author David H. Fremont, Ph.D., associate professor of biochemistry and molecular biophysics and of pathology and immunology. "Currently there are no safe vac- cines for dengue infections.

In follow-up studies, Fremont and his team are detailing the pre- cise mechanisms that allow the new antibodies to block viral infection.

Diamond and Fremont are looking for other areas of the West Nile virus E protein that antibodies can bind to and neu- tralize the virus.

Researchers at Macrogenics were co-authors on this paper, and Diamond now serves as a consultant for the company.

WUSTL, 7-3, on April 19 at a 2-0 lead at Washington. But on April 21, the Red and Grads edged out the Scots 12-9 and 16 runs to end its three-game slide. Dan Rock well in the second 3-2 win in another round-tripper, his team-leading 10th of the season, his 10th career WUSTL single-season record. Sophomore Nick Marcell let the distance on the mound and improved to a team-best 1-1, as he allowed just four hits and struck out 11.

Softball team ekes out two narrow road wins

The top-ranked softball team improved to 41-1 with two one-run victories over Westminster College April 24 in Winona, Iowa. With the two wins, WUSTL ex- tended its school-record winning streak to 24 games.

In Game 1, senior Luckie Burg- dorff hit a two-run, two-home run in the top of the seventh to lead the Bears to a 2-1 come-from-behind win. The home run for Burg dorff was the first of her career. Sophomore Laurel Sagartz picked up the win in the first game 10-0 over Westminster.

In the nightcap, the Bears pounded out 13 hits and held off a late rally from the Knights to post a 4-3 victory.

Women's tennis team sweeps Principia, 9-0

The women's tennis team wrapped up regular-season play April 19 with a 9-0 sweep at home against Principia College.

The No. 1 singles, senior Kacie Cook rolled past Principia's Kat Potomey, 6-1, 6-2, while junior Kristen Wilson, who is a recipient of the Paul Wadlington. Grabow won the singles, 6-0, 6-3, to up her record to 10-3 overall, Senior Sera Kuhdolph moved up to 10-6 after the win, 6-1, 6-3, to up her record to a team-best 13-5 overall.

Men's tennis team takes two of three

The No. 17 men's tennis team posted a 2-1 record last week to end its regular season in a 13-5 record.

The Bears opened the week with a 7-0 win over Maryville University April 15 at the T3 Tennis Center. On April 15, WUSTL split matches with 10th- ranked Park University and Coe College.

Freshman Charlie Howard posted WUSTL's only victory in a 5-2 loss to No. 10 Kalamazoo College with a 6-6, 6-5 win. Ho- ward capped the week off with two victories in thefirst 9-1 win over Coe College. He leads the team with a 24-4 singles mark and is 20-9 in doubles for a 44-13 overall mark.
Tulving wins Gairdner International Award

BY GERRY EVERDING

Endel Tulving, Ph.D., the Clark Way Harrison Distinguished Visiting Professor of Psychology and Cognitive Neuroscience in Arts & Sciences, is one of six individuals who acquired the 2005 Gairdner International Award for their work in medical research. Tulving, professor emeritus at the University of Toronto, has been a visiting scholar at Washington University since 1996. Among the most prestigious awards in all of science, "The Gairdners" recognize outstanding contributions by medical scientists worldwide whose work will significantly improve quality of life.

Of the 274 Gairdner winners, 64 have gone on to win a Nobel Prize.

In their 46th year, the awards were founded by Toronto businessman James Gairdner.

The Gairdner Awards recognize outstanding achievements in three very different but important areas of inquiry and discovery: obesity, inflammation and memory." said John Deeks, president of the Gairdner Foundation. "Each of the awardees has done ground-breaking work that is transforming our understanding of body functions and how its malfunctions can be overcome."

Although the Gairdner are usually awarded to medical scientists, Tulving is one of two cognitive psychologists selected to receive the honor in 2005. The awards committee cited his "pioneering research in the understanding of human memory, and providing the necessary framework within which findings in neuroanatomy, neurophysiology and neuropsychology are integrated."

Tulving is perhaps best known for his research on episodic memory, largely summarized in his 1983 book, Elements of Episodic Memory.

During the 1960s, while most research focused on how memory works, Tulving was the first to argue that researchers should be paying more attention to the equally important but often-neglected issue of memory retrieval, or how stored information is activated.

Tulving argued that the key problem in human memory is retrieval of information, and he spent much of his career in studying factors affecting this. The Gairdner Awards, which include a cash prize of $30,000 (Canadian), will be presented this year at a dinner held in October in Toronto.

Turetzky wins biology's Spector Award

BY TONY FITZGERRECK

Joy Turetzky has won the 2005 Spector Award for her outstanding research. The Department of Biology in Arts & Sciences presented her with the award in recognition of her outstanding undergraduate achievement while a faculty member here.

Arts & Sciences awards this prize every year in memory of Marion Smith Spector, a 1938 graduate of the University who studied zoology under Professor Viktor Hamberg.

Hamberg was a prominent developmental biologist who made many important contributions while a faculty member here. The Spector Prize was first awarded in 1974 to recognize academic excellence and outstanding undergraduate achievement, and is now only given to outstanding undergraduate achievement.

Being nominated by their mentors is a significant step for students. The Spector Award recognizes the importance of academic excellence, teaching, and professional developmen.

Turetzky's thesis and research was judged to be the most outstanding among a group of five students and their research projects that were nominated this year. He worked with Karen O'Malley, Ph.D., professor of neurobiology in the Department of Neurobiology and Anatomy at the School of Medicine.

It's a co-author on two papers, and his thesis work, which he began working on at the Society for Neuroscience meeting in full 2004, is titled "An Experimental Drug for Early Detection of Amyotrophic Lateral Sclerosis Cell Death."

Turetzky will enter a doctoral program in neurobiology in the fall.

As part of the departmental recognition of his work, he will present a research talk March 17 on his research that his mentors judge good enough to go beyond what is typical for undergraduate students.

Campus Watch

The following incidents were reported to University Police April 20-26. Readers with tips but who can't wait to reporting two are advisory and are noted.

April 22

9:24 a.m. — A student reported that someone accessed her bank account online and took $500. The loss was noticed on April 19 and has been reported to the bank. An investigation is continuing.

11:58 a.m. — A student reported that two men tried to gain access to her dorm room but couldn't open the door.

3:15 p.m. — A person reported that he parked his 2004 Dodge Ram pickup truck on the northeast quadrant of parking lot No. 4. at about 6:45 a.m. and at that time he locked and secured the vehicle. The victim said that the vehicle was not parked in the parking lot at about 6:45 p.m. and found that his vehicle had apparently been stolen by four unknown persons or people.

The vehicle was recovered, and an investigation is continuing.

April 26

11:54 p.m. — A member of the transportation office reported a fraudulent daily permit on a vehicle at the parking lot in the Millbrook Garage. The driver was contacted and determined the fraudulent permit was seized.

Additionally, University Police responded to two larcenies and one report each of fraud property, trespassing and parking violation.

By Kim Leving

WORLD-CLASS mycologist George S. Kobayashi, Ph.D., professor emeritus of medicine, died Tuesday, April 19, 2005, from a terminal illness at St. Luke's Hospital. He was 78.

Kobayashi was born in San Francisco, worked in medicine, and opened and operated a store specializing in Japanese foods from 1961 to 2001. After the attack on Pearl Harbor, Kobayashi's family was imprisoned in several U.S. concentration camps created for Japanese-Americans during World War II.

After graduation from high school in a Utah relocation camp, Kobayashi earned a bachelor's degree in food chemistry from the University of California, Los Angeles, in 1946 and went on to earn a doctorate in food science and technology at the University of California, Berkeley, in 1952. In 1954, he joined the University of Missouri-Columbia as associate professor of microbiology and worked daily in the Division of Health, the Food and Drug Administration and the American Type Culture Collection. Among many honors and achievements, Kobayashi repeatedly won the School of Medicine's Distinguished Service and Teaching Award. He is survived by his wife, Mariken, daughters Patricia and Katherine, and his brother, Eric. Memorial contributions may be made to the Department of Infectious Disease, c/o Dan Eorts, 600 S. Euclid Ave., St. Louis, MO 63117.

Braydich, School of Dental Medicine; 87

Obituaries

BY KIM LEVING

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JASON ROBERTS

Congressional scholar Steven S. Smith is Mr. Senate

BY GERRY EVERDING

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JASON ROBERTS


Steven S. Smith, Ph.D., one of the nation's premier congressional scholars, got his foot in the door of the U.S. Senate by holding it open — literally.

Smith, the Kate M. Gregg Professor of Social Sciences at St. Louis University, got his first taste of the Senate in the early 1970s while working as a congressional aide for Smathers, a job that came his way as part of a college internship with Sen. Walter Mondale, D-Minn.

"Senators were given a couple patronage positions to hand out and Mondale always gave the jobs to his interests," Smith recalls. "That was the spring of the D.C. Watergate hearings and I spent most of my free time at the hearings usually sitting somewhere just behind Daniel Ellsberg. Ellsberg's leak of the Pentagon Papers — and the resulting scandal — would go on to become a pioneer in a branch of political science focusing on the role congressional institutions play in the political process. He would be among the first to trace the development of highly restrictive rules to uncover their political motivations and to show that even subtle rule changes could have substantial long-term implications. Once largely overlooked by scholars, these "special rules" are now an especially hot topic in congressional research.

In the Senate, the current battle over the use of filibusters to block judicial nominations has resulted in widely differing interpretations of Senate rules and regulations. "We're hearing a lot of righteous speeches about the filibuster and its constitutional principles, when in fact, it is just partisan or narrow self-interest that's driving the position on these procedural matters," Smith says.

"Hardly anybody is consistent over time in real politics when it comes to procedural matters. It's all about the underlying issues. It's the group that's pushing them and their interests that are driving the process, and their attitudes about procedure are all a byproduct of those underlying interests.

"This has been the history of the Senate, it's been the history of most political institutions, and my job in all this has been to point this out, to expose the partisan rhetoric and show that many current arguments are little more than a sideshow, and tend to be arguments of convenience."

Described as one of the most important and influential students of legislative politics of his generation, his research explores the causes and consequences of institutional change. "He's definitely Mr. Senate," says Gary Miller, Ph.D., professor of political science at Arts & Sciences, who also studies Congress. "He really knows everything there is to know about the U.S. Senate, and he's made a point of familiarizing himself with all of its rules and protocols."


Smith's interest in politics began much closer to home. Growing up in Long Grove, Ill., Smith had what he describes as a "notable but average" interest in politics.

When he was in sixth grade, his family moved to the "big city" of St. Cloud, where his political interests blossomed amid the unsettled days of the early 1960s. He followed the assassination of John F. Kennedy, the 1968 Goldwater-Johnson presidential race, Martin Luther King speeches and the Watts race riots. By high school, he was working as a volunteer in local election campaigns.

As a research assistant at St. Cloud State University, Smith worked as an intern with a newly elected, first-term congressman, a legislative assistant, a mass media professor with whom Smith had studied at the University of Minnesota, and a part-time legal aide at St. Cloud State.

"More than once, I'd show up side-by-side with a legislator and give me an appreciation for the challenges elected officials face," Smith says. "It's the unavoidable cross pressures that come with public office, the issues that test your principles against realities of the political world. I didn't care for the lifestyle, for the lack of privacy. I realized that elected office was not for me.

Smith no longer dreamed of becoming a politician, but his interest in studying them remained strong. He earned two degrees in political science, a bachelor's from St. Cloud State University in 1975 and a doctorate from the University of Minnesota in 1980. As a congressional fellow, Smith spent a year working with Thomas "Tip" O'Neill Jr., D-Mass., when O'Neill was Speaker of the House. He began teaching at George Washington University in 1981 and moved to Northwestern University in 1984 and became political fellow at the Brookings Institution in 1985. He returned to the University of Minnesota in 1987 and was named Morris-Alumni Distinguished Teaching Professor of Political Science in 1996 and the Outstanding McKnight University Professor of Political Science in 1998.

At Minnesota, Smith earned a reputation for innovative teaching. He led a reform of the freshman-level course on American government, introduced new interactive research seminars into his classes and developed prototype software for social science research method instruction in a virtual laboratory environment, a project funded by the National Science Foundation.

Smith also has influenced the field through his doctoral students, many of whom are making important contributions to congressional research. Among alumni of the "Smith School of Politics" are Sarah Scherer and Forrest Maltzman, both of whom are now professors of political science at George Washington University.

Binder is known for important work on minority rights in the House. Maltzman has made noteworthy contributions on the politics of committee assignments. Both carry on Smith's trademark interest in how partisan political calculations interact with congressional research. Among students, Smith is legendary for the time he spends discussing the intricacies of their current research. Unknown to him, his students carry a light-hearted tally of the length of Smith's marathon advising sessions, with those hours being the norm and record-holders running as long as eight hours. In his advising, Smith emphasizes the need to temper abstract political theories and technical arguments with a "nuts and bolts" understanding of how issues play out in the real world. He implores students to get under the hood, to see how the legislative machine works in action.

"I could not imagine having a better adviser," says Jason Roberts, a 2005 graduate of Washington University's political science doctoral program and now an assistant professor at the University of Minnesota.

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By GERRY EVERDING

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