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U.S. attorney clinic offers novel insight

By Dee Aronson

Not every course at the University requires a background check from the FBI. But for School of Law students the rigorous FBI check was a small price to pay for a chance to participate in the inner workings of the U.S. attorney's office.

Students in the law school’s newest clinic, held in the U.S. attorney's office downtown St. Louis, said they were attracted by the chance to focus on federal cases. It is also the only clinic that guides students through both civil and criminal litigation and criminal prosecution.

“I’ve always been extremely interested in criminal law and in the prosecution side of criminal law,” said third-year student and clinic participant Tom Rea. “To be able to see criminal law from a federal level was an opportunity that I didn’t want to pass up.”

The law school’s clinical program

Board of Trustees elects officers, new members

By M. Freddie Yulmann

Four new members were elected to the University’s Board of Trustees during its May 4 meeting, according to Chancellor Mark S. Wrighton. They are: Santanta Das, president, chief executive officer of the board of TracWitch Corporation; Steven H. Lipstein, president and chief executive officer of BTI HealthCare; Hendrik A. Verfaillie, president and chief executive officer of Monsanto Company; and Robert L. Virgil Jr., general counsel for Edward Jones.

In other action, the trustees elected officers for 2001-02. Elected chairman of the Board is John F. McDonnell, retired chairman of the board of the McDonnell Douglas Corporation. Named vice chairman are William H. Danforth, chancellor emeritus of the University, and David W. Kempner, chairman, president, and chief executive officer of Commerce Bancshares Inc.

Re-elected to the board are John H. Biggs, chairman, president and chief executive officer of TIAA-CREF; Andrew B. Craig III, retired chairman of the board of NationalBank Corporation; James H. Hance Jr., vice chairman and chief financial officer of Bank of America Corporation; Katherine B. Magrath, managing director, president, chief investment officer of ValueQuest/TA; and Harold Rainis, producer, director and screenwriter at Ocean Pictures.

Medical News: Diabetes intervention helps teens, parents manage disease

Inside: Architecture students make contributions to Preservation Week

Washington People: Melanie Adams strives to get students involved in campus life

Three University scholars elected to high honors

By Marvin Mezey

With a little more than three years left on the original schedule for the Campaign for Washington University, more than $1 billion — the original goal of the campaign — has already been committed.

The campaign, publicly announced in September 1998 with $541 million in hand, now has gifts and commitments totaling $1.01 billion toward a revised goal of $1.3 billion.

"Launching this milestone in less than three years was a major accomplishment," Chancellor Mark S. Wrighton said at the campaign's kickoff. "This is a testament to the faith our Board of Trustees, our University faculty and staff and our volunteers have had in quality higher education, scholarship and research."

Wrighton credited the campaign's early success to the efforts of the many volunteers in the campaign; the dedication of Sam Fox, chairman and chief executive officer of Harbour Group Ltd., who is directing the public phase of the campaign; and other campaign leaders; the commitment of the Board of Trustees under Chairman John F. McDonnell, who headed the "quiet phase" of the campaign; the work of David Blasingame, executive director of the campaign, and the University's development staff; the leadership of the University Council; and the efforts of the countless other faculty and staff who have helped implement the campaign.

"We know when we first started planning this campaign that it would require a concerted effort on the part of many, many individuals," Wrighton said. "We are continuing to reach out to involve as many alumni and friends as possible in the realization of our collective vision of being among the small number of world-class universities. The extraordinary response we have received and the generosity of the many people who have already made commitments to the campaign is tremendously encouraging. Enthusiastic volunteers and our magnanimous benefactors are the two primary reasons why we are making such record progress in accelerating Washington University's ascent among the world's premier universities."

According to The Chronicle of Higher Education, Page 5

Chancellor Mark S. Wrighton (foreground) thanks the nearly 200 administrators, members of the Board of Trustees and other guests gathered at Harbison House May 4 to celebrate reaching the $1 billion mark.

Volume 25 No. 30

Washington University in St. Louis
New undergraduate and graduate representatives to the board were named at the meeting. The undergraduate representatives are Stephen R. Casey, a junior in Arts & Sciences, and Matthew R. Zeinstra, a junior in Arts & Sciences. The graduate student representatives are H. B. Williams, a Ph.D. candidate in social work, and Paul R. Blix, a doctor of science student in biomedical engineering.

Six alumnus trustees are Sam Fox, chairman and chief executive officer of Harbour Group Ltd.; William E. Cornelius, retired chairman and chief executive officer of Union Electric Company; and Earle H. Harrison, Jr., retired chairman and chief executive officer of Mississippi Power and Light Company and retired president of Mississippi Power Company.

During the meeting, Sam Fox, who serves as chair of the $1.3 billion Campaign for Washington University, announced that the campaign had raised more than $1 billion. The campaign runs until June 30, 2004.

In his report to the trustees, Wrighton reviewed the exceptional success of the University’s undergraduate admissions program, which received nearly 21,000 applications for a target enrollment of 5,900 — an increase of nearly 1,280 students. All indications are that the class being enrolled will exceed the enrollment predicted in the university’s history.

Wrighton also reported to the trustees that planning has begun for the University’s 150th anniversary celebration and that newly elected trustee Virgil will chair the committee to plan and organize the event. He also recognized the activities at the meeting in New Delhi, India, of the National Council on Undergraduate Education for Asia, and said next year’s meeting of this group will probably be held in Hong Kong or China.

Wrighton updated the trustees on the progress being made in new facilities at the University, including the successful completion of Small Group Housing at the intersection of Big Bend Boulevard and Forest Park-Parkway, completion of construction on the Snow Way parking facility, completion of the Charles F. Knight Executive Education Center that will open soon, progress on the construction of the Arts & Sciences Sciences Laboratories and groundbreaking activities on the construction of the UCS A. Whitaker Hall for Biomedical Engineering. Wrighton also said that Bixby and Geivora halls will undergo extensive renovations over the summer and should be ready in time for the beginning of fall classes.

Boyer is the author of three books, including “The Naturalness of Religious Idee: A Cognitive Theory of Religion,” which has been a landmark study in religious and of cognitive approaches to culture. His other publications include an edited collection and more than 40 journal articles and book chapters.

The Henry R. Luce Professorship Program was established in 1969 to encourage academic experimentation and creativity, and to support the integration of knowledge through innovative, interdisciplinary teaching and research.

The foundation was established in 1956 by the late Henry R. Luce, co-founder and editor-in-chief of Time Inc. Today the foundations has approximately $1 billion in assets and Henry Luce III, the founder’s son, serves as chairman and chief executive officer.

Olin School offers first e-learning course

By Robert BATTEN

The Olin School of Business has teamed up with Chicago-based e-learning company Olin Management Challenges, Real World Solutions and E-Business to offer the school’s first e-learning course, a management course, in an e-business environment.

In announcing the new course, Olin School Dean Stuart Greenbaum, Ph.D., said he hopes the course will be a catalyst in helping businesses solve their supply chain management problems.

"In today’s bricks-to-clicks' environments, it is imperative that businesses have a new framework of supply chain management," Greenbaum said. "Olin is committed to delivering the highest quality business education on this important topic in an e-learning platform that can be accessed anywhere, anywhere."
By HOLLY ELMGREN

K evin Lammert Jr., seems like a typical 17-year-old high school senior — he's a normal teenager, graduating this spring and attending college. But Lammert has one concern that sets him apart from his peers: diabetes, a chronic medical condition that demands a level of personal responsibility that isn't required of most teens.

People with diabetes must monitor their blood glucose and diet on a daily basis, take regular medications, and sometimes manage regular insulin injections as treatment for their disease. The tension between teens with diabetes, their families and the doctors and other medical professionals who care for them, is a theme researchers have been studying for some time. In a recent study, School of Medicine researchers reached out to these teens and their families to help them open the lines of communication and improve their daily self-management. The researchers have found that a home-based approach can make this necessary vigilance less burdensome and help these families to understand that diabetes is a family issue and to prepare families for managing the issues that come with caring for a chronically ill family member. The two-year study was supported by the University of Virginia's Diabetes Research and Training Center, one of six centers nationwide supported by the National Institute of Diabetes and Digestive and Kidney Diseases.

Diabetes is all-encompassing," said Michael A. Harris, Ph.D., researcher associate and staff psychologist in the Department of Pediatrics. "It's chronic, includes dietary issues, requires medication, and can pose both acute and long-term danger. It touches on every aspect of a person's life, including family and peer relationships as well as school and general day-to-day functioning.

It can be hard for teens to deal with their diabetes, he said, for some teens it can be difficult to be a teen-ager. Teens want autonomy, they want to control their diabetes, but it forces them to interact with and rely on others, most notably their own families.

Teens with diabetes need their parents to help them get supplies and to take them to appointments. "Every three months, they are required to communicate with the medical team." And the challenges are not just psychological. The hormonal changes of puberty also can make diabetes biologically variable. "It's about being different," Harris said. "Teenagers just want to go to the football game or to McDonald's, they don't want to stop to think: 'Did I take my insulin?' or 'What can I eat at this restaurant?'"

Lammert agrees. "Not wanting everyone to know I have diabetes for being looked down on and the extra planning and preparation it takes to do things with friends are the most difficult things about having this disease," he said.

More serious health risks that teens face, such as drug or alcohol abuse, pose an even greater risk for diabetes. Alcohol and drugs affect blood sugar, and for someone with diabetes, this can result in long-term physical damage.

But teen-agers shouldn't have to face these issues alone. Guidance from the home-based intervention team and their families to understand that diabetes is a family issue and to help them face these issues alone. Goals of the study included teaching families about the disease and its implications, helping families develop the skills and knowledge needed to manage diabetes, and helping families develop the skills and knowledge needed to manage diabetes.

Each family that participated in the study completed a baseline questionnaire before intervention, underwent 10 family therapy sessions and completed two post-study follow-ups. The teens chosen for the study met those who are most at risk for hospitalization, medical complications and other poor outcomes, such as missing school due to illness.

Most of the families studied had already undergone other medical and psychological interventions without success. Harris wanted to determine why these particular families struggled and what could be done to help them.

Debi Mertlich, a graduate of the University of Virginia's Warren Brown School of Social Work, conducted the majority of the home-based interventions. The twice-weekly visits lasted one-and-a-half hours, and each was videotaped for later review by the therapists.

The therapists met with families at their homes to obtain a more accurate picture of each family's lifestyle and to understand the impact of management of the teen's diabetes — from the type of food in the pantry to the interaction between particular family members.

The researchers found that many factors contribute to poor diabetes management. In some cases, economic difficulties prevented families from seeking proper care. Other families were dealing with multiple life stresses, putting the management of diabetes lower on the list of concerns. Simply put, they were dealing with the same challenges that many families face, but with the added burden of a serious medical condition.

"In the study, we learned that parents are often fearful around the topic of diabetes," Mertlich said. "It's about being different. Teen-agers just want to go to the football game or to McDonald's, they don't want to stop to think: 'Did I take my insulin?' or 'What can I eat at this restaurant?'"

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Michael A. Harris

New facility develops mouse models of disease

The School of Medicine has established a new core facility for developing genetically altered mice as models of human disease.

The Mouse Genetics Core (MGC) — through a merger of two existing facilities — will support genetically altered mouse lines, housed in the Department of Pathology's Transgenic Facility, supported by the McDonnell Center for Brain Sciences — into a suite of animal housing and animal husbandry that was designed to serve all medical and veterinary resources of the University of Virginia Health System. The MGC serves as a central repository for differences and mouse strains.

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Architecture students look to future by preserving past

By LAN OTTEN

City planning, much like the devil's lies, is in the particular relationships that develop between building to build, between green space and streets, and between sculpture and demographic.

Now, just in time for Preservation Week (Saturday through May 20), students at the University's School of Architecture have completed a series of projects exploring urban conditions in several St. Louis neighborhoods.

"We were interested helping students create products that will have a life after graduation," said adjunct instructor Carolyn Tough, who teaches a course on historic preservation and urban design with fellow adjunct Emily Hamilton.

"This kind of work is really important to the students back to primary sources," added Tough, executive director of the Landmarks Association of St. Louis Inc. "It gives them a sense of context, a sense of how different buildings evolve over time and of the history that shaped it."

Their point of contact was central to the Soulard Chronological Mapping Project. Using archival materials from the Missouri Historical Society, the Community Development Agency, the Metropolitan Sewer Department and additional insurance companies, four students—counseled by assistant professor William H. "Gracie" Liu—together created a series of historical maps demonstrating some of the dramatic changes that have occurred over the years to Soulard's streets, buildings and boundaries.

"A lot of people in St. Louis consider Soulard our most historic neighborhood, but surprisingly it's one of the least studied," said Tight. "But we're a preservation historian for the St. Louis County Parks.

Hamilton explained that the area received its historic designation in 1972, before the area became application standards, which require a significant degree of authenticity. "We set it into place. As a result, no concise conclusive statement can be made on various incarnations— from farmland in the early 19th century, to harms to European immigrants at the beginning of the 20th to urban renewal testing ground in the 1960s— currently exists, a situation the new maps help rectify.

Other preservation-oriented projects include:

** Downtown Lost Cornice Inventory: **Graduate students working with Angela Hendley inventoried and mapped historic buildings along Washington Avenue between 8th and 18th streets, particularly noting those structures that have sustained damage or to otherwise lost their historical significance.

** North Central City Mapping:** Graduate student working with assistant professor of architecture and co-director of the Master of Urban Design Program, students in the studio "Residential Landscapes of St. Louis: Neighbourhood Garden" created detailed maps of the neighborhood's historic boulevards on the north and south and by Grand and Taylor avenues on the east and west. We begin addressing several recent documents containing some of the structure's maps, and drawing additional maps categorizing the buildings and their surrounding conditions.

** Neighborhood Map Urbanization,** but it's also very interesting to study the process and how development is not handled. We may come propos-

** Urban Design Co-housing** Somewhere on the scale between condominiums and community co-housing, a model pioneered in Denmark in the '60s, in which individuals live between ground space for dining, laundry, child care and facilities for common activities. Under the direction of professor and University alumni Bob Cochran (BA, BWH), who is developing a co-

Friday, May 11

8:30 a.m. ** Anatomy and neurobiology seminar: Research of angiotensin by Scott Meszaros.** Room 452 McDonnell Medical Sciences Bldg. 362-1688.

4 p.m. ** History and methodology seminar:** Room 928 McDonnell Medical Sciences Bldg. 362-7043.

Monday, May 14

Monoclonal biology and pharmacology research seminar, "How You Worked to Know About All and Never Understood" presented by, "Genetic Analysis of Natural Killer Cell Receptors," presented by, "Lower Extremity Microvascular Seminar Series."

The following program begins at 2 p.m.

5 p.m. ** Neurobiology seminar:** Room 452 McDonnell Medical Sciences Bldg. 362-1688.

4 p.m. ** History and methodology seminar:** Room 928 McDonnell Medical Sciences Bldg. 362-7043.
Program has been ranked among the top 5 in U.S. News & World Report for the last two years because of the excellence of its faculty teaching and the university's commitment to quality education and student success.

**Clinic**

U.S. attorney's office a unique opportunity

—Roger

Program has been ranked among the top 5 in U.S. News & World Report for the last two years because of the excellence of its faculty teaching and the university's commitment to quality education and student success.

**Worship**

3 p.m. Memorial service.

Sunday, May 20

9:15 a.m. Pediatric Grand Rounds.

"Large the school, but also with the primarily to provide a service to attorney's office were tremen-

opportunity to participate in at


**Scholars**

3 University scientists win high honors — from Page 1

ogy at the University of Alabama at Birmingham from 1972-83 and established the Cystic Fibrosis Research Center there. His direction ultimately led to others identifying the gene responsible for this disease. Before that, he served in a variety of positions with Oak Ridge National Laboratory in the Tennessee University-Kosciusko School of Biomedical Sciences. Gordon has published more than 72 newly elected NAS members, 140 in the United States and 140 in more than 25 countries. Wrighton was one of 47 new members elected "for promoting useful knowledge at the APS" general meeting.

He joins two others at

University professor the society: Peter Rapoport, Ph.D., the Engel- 

Wrighton Professor of Botany, and Patty Jo Watson, Ph.D., the Edward Lindholm Distinguished Professor of Anthropology and Archaeology at the University of

Men's, women's tennis teams mark home opener

The University's men's and women's programs have been selected to compete in the NCAA Division III Tennis Championships. The men's, 1-3 overall and seeded fourth in the Central Region Sub-Regional, will play No. 1 and University of Wisconsin-Eau Claire (12-5) in Eau Claire at 11 a.m. The men's third seed in the Central Region Sub-Regional with a 15-7 record, take on No. 4 Colorado College of Iowa (25-3) at 11 a.m. today at Gustavus Adolphus College in St. Peter, Minn.

Softball closes year with first-place finish

The softball Bears split with Florida State University in a weekend series, Saturday a 6-0 win and a 10-5 loss, bringing their second season to an end at 39-22. The Bears scored two runs in the first inning of the opener, opened by Jennifer Hillier's and Kristen Heriot's home runs. Sophomore pitcher Liz Smith gave up seven hits in picking up her 13th win. In the Game 3, the Gorhets broke a 1-1 tie in the fifth and held on for the win.

**Worship**

3 p.m. Memorial service. In Remembrance of William H. Masters, Graham Chapel (in memory of the Masters family), (Lindsey) 289-9071.
The campaign's origin
The Board of Trustees decided to conduct the Campaign for Washington University after reviewing the conclusions of a long-range, strategic planning process, titled "Project 21." That process was initiated by former Chancellor William H. Danforth in 1987. It involved presidents, deans, faculty, and members of advisory groups called "councils."

"Thanks to Bill and Danforth and their teams, we, the Board, have not only established priorities for the future but, in this institution, we have developed strategies to turn those visions into reality," Fox said. "The people who participated in Project 21, and who have taken the direction for the University into the 21st century, and they laid the groundwork for this campaign."

The original intention of the campaign was to raise a minimum of $1 billion by June 30, 2004. "In the end, we would not address all of the more than $2.5 billion that was identified in Project 21, nor even dream about all of them," Fox noted. "But it does identify in Project 21, nor even dream about all of them," Fox noted. "But it does identify the $1 billion goal now as a goal that must be met."

The campaign, Fox added, has raised $2.6 billion and $1.46 billion so far. "We have achieved our unusually ambitious goal," he said. "We have an opportunity to use these funds for the benefit of the University and to enhance our capacity to serve that nation and the global community."

The generosity of so many alumni and friends during the first years of the campaign inspires us to do more to secure the future of this University and to enhance our capacity to serve this nation and the global community.

MARC S. WRIGHTON

Diabetes
Teens with disease struggle for autonomy

The key, he said, is to teach parents and teens to communicate better so that the parents can continue to stay involved by providing support. "But, he said, "many teen-agers are given the freedom to manage their diabetes."

"There are significant changes in the study, Lammet's parents, Debbie and Tom, have learned how important it is to involve their teen-agers' independence."

"I've learned to stand back and assist them because, they said, "so they can do this on their own."

Overall, parents in the study reported improved performance by their teens, but the teens-ages themselves said things remained unchanged after treatment.

significant change in health status has been noted."

"Every family I've worked with has said that it is important to communicate and problem-solve better," Lammet said. "I was so impressed," she said. "I met with them to see how they do that."

"To do so, we need to find effective ways to determine the quality of the interaction with the many challenges," she said. "And how they communicate with.

As for Lammet, he reports that the study taught him the importance of closed health habits for life, and that he must continue to work on it. "I think the study taught me to be an excellent communicator."

The study, replicated in several other settings, was designed to provide evidence for the development of new programs and/or new emphases, while providing preliminary evidence for future research, scholarship and creativity. Topics include diabetes research, biostatistics, epidemiology, and diabetes education.

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Of note

Donna B. Jeffe, Ph.D., research assistant professor of medicine at the School of Medicine, recently received a two-year grant from the National Institutes of Health to study the impact of social support on quality of life and depression in patients with colon or rectal cancer.

Anne Teresa Swart, who is completing a major in biology with a concentration in population genetics and neuroscience, received the 2001 Harrison Daily Stalker Award. The award recognizes the late Harrison D. Stalker, Ph.D., professor of biology at the School of Arts & Sciences, for his contributions to the School of Arts & Sciences.

The department of electrical engineering in the School of Engineering and Applied Science recently sponsored an applied physics research day. About 20 undergraduate and uncommitted graduate students took advantage of the opportunity to meet with faculty and graduate students involved in this area. After an informal lunch, students toured lab facilities and learned about projects of department of electrical engineering members, including; Ronald P. S. Indeck, Ph.D., Dan Family Professor of Electrical Engineering; Edward Mallinckrodt Professor of Zoology here under Viktor Greenfield, Ph.D., assistant professor; Marc W. Muller, Ph.D., emeritus professor; William F. Pickard, Ph.D., professor; Daniel L. Redo, Ph.D., professor; Barbara A. Shrauner, Ph.D., professor; and Barry E. Spielman, Ph.D., department chair and professor. The department plans to hold two more research days this fall, one in computers and communications and another in signals and systems.

The School of Law's Alumni Executive Council awarded Charles R. McManis, J.D., professor of law with the Distinguished Teaching Award. The award recognizes "many contributions to his students, his alma mater, and the community in the area of technological policy." McManis also received the law school's Professor of the Year Award, selected by law students.

Del Schweik, adjunct professor in communications and journalism at University College in Arts & Sciences, received the American Advertising Federation's 2001 Educator of the Year award, presented at the annual Ninth District Conference and National Student Advertising Competition in April. This award recognizes a student that has made a significant contribution to advertising education with teaching excellence, student advancement, professional experience, participation in advertising organizations, and academia and the community.

To press

Ronald P. Loui, Ph.D., associate professor of computer science, has an article, "Logic of Argument Structure: An Extension of the ACM Computing Surveys," in review in the current issue of Journal of Symbolic Logic, and is conference chair for the Eighth International Conference on Artificial Intelligence and Law May 21-25 in the law school, Eads Hall and the Old Court-house.

Speaking of

At the request of the Federal Trade Commission, Michael M. Greenfield, J.D., the Walter D. Coles Professor of Law, made a presentation on credit card and other payment systems used for credit transactions at the Greenfield border and international transactions at a roundtable of the Committee on Foreign Cooperation and Development in Berlin.

Karamustafa serves as adviser to PBS series

A nnette T. Karamustafa, Ph.D., professor of religious studies and religious studies in Arts & Sciences, has been named an adviser on the making of a three-part documentary television series on Islam, "Empire of Faith." Her comments are included in documentary's second and third episodes.

Episode one, "The Messengers," introduces the dramatic story of the rise of Islam with the extraordinary life of the prophet Muhammad and his simple but revolutionary message. The episode covers the revelation and early writing of the Koran, the creation of the first mosque, the persecution by the first caliph, and several major battles fought by Muhammad and his followers to establish the new religion. The rapid religious, cultural and political expansion of Islam overtook the territories of Persia and Byzantium, creating a new empire larger than Rome.

Episode two, "The Awakenings," examines the flowering of Islam into one of great civilizations in history. Culture and goods flow freely throughout a large empire with religious and cultural influence are spread far, affecting the socio-political development of the West. The Islamic empire becomes the language of learning, and achievements in art, architecture, science and medicine flourish. The episode also tells the story of the Crusades and describes the capture of Jerusalem by Saladin the Great. Part two ends with the devastating invasion of Islamic lands by the Mongols.

The final episode, "The Ottomans," reveals the dramatic transformation of Islam resulting from the Mongol invasion. Nomads enlisted by Muslims to fight the Mongols stake their own claims and became known as Ottomans. The Ottomans transform the Islamic world, creating a new empire that expands westward into Christian territories. Suleyman the Magnificent shapes the Ottomans into a military powerhouse and an empire of extreme wealth and sophistication. The empire threatens the great powers of Europe and the empire of the Persian Safavids to the east, before falling victim to empires from within.

Oxygen starvation during labor and delivery can result in central palsy and mental retardation due to this cell death.

With a mouse model for this type of brain injury, Gibson characterized two pathways of cell death that occur in response to hypoxic-ischemic injury.

Understanding the pathways underlying these brain injuries is crucial if neuroprotective therapies are to be developed.

While performing her studies in the laboratory of David Holtzman, M.D., in the department of neurology at the medical school, she has worked in the Holtzman laboratory since her freshman year and plans to continue working for part of this summer before entering medical school in the fall.

Margaret Gibson wins biology's Spector Prize

M argaret Gibson, graduating senior in biology in Arts & Sciences, has been named recipient of the Marian Smith Spector Prize in Biology for 2001. Gibson will be honored at a reception Wednesday along with other biology seniors studied by Gibson's work was judged most outstanding among 15 honors in science and math.

In 1974, the Spector Prize is an annual award for academic excellence and outstanding undergraduate achievement and includes a significant monetary component. It was established in memory of Marian Smith Spector, a 1938 graduate of the University. Spector studied zoology here under Viktor Hamburger, Ph.D., now the Edward Mallinckrodt Distinguished Professor Emeritus of Biology in Arts & Sciences. She participated in Hamburger's highly acclaimed embryological research.

Gibson continues a tradition of excellence in biology under University undergraduate research mentors to nominate student theses for the award, and expects the area of the research review each. These experts guide a departmental committee to determine the most outstanding thesis.

Gibson's thesis is titled "BAX contributes to apoptotic-like cell death following neonatal hypoxia-ischemia. Evidence for distinct apoptosis pathways". Her work involved defining the signaling pathways that cause massive neuronal cell death after hypoxic-ischemic (oxygen-deprivation) events in humans, animals and cell cultures.

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Karamustafa serves as adviser to PBS series

A nnette T. Karamustafa, Ph.D., professor of religious studies and religious studies in Arts & Sciences, has been named an adviser on the making of a three-part documentary television series on Islam, "Empire of Faith." Her comments are included in documentary's second and third episodes.

Episode one, "The Messengers," introduces the dramatic story of the rise of Islam with the extraordinary life of the prophet Muhammad and his simple but revolutionary message. The episode covers the revelation and early writing of the Koran, the creation of the first mosque, the persecution by the first caliph, and several major battles fought by Muhammad and his followers to establish the new religion. The rapid religious, cultural and political expansion of Islam overtook the territories of Persia and Byzantium, creating a new empire larger than Rome.

Episode two, "The Awakenings," examines the flowering of Islam into one of great civilizations in history. Culture and goods flow freely throughout a large empire with religious and cultural influence are spread far, affecting the socio-political development of the West. The Islamic empire becomes the language of learning, and achievements in art, architecture, science and medicine flourish. The episode also tells the story of the Crusades and describes the capture of Jerusalem by Saladin the Great. Part two ends with the devastating invasion of Islamic lands by the Mongols.

The final episode, "The Ottomans," reveals the dramatic transformation of Islam resulting from the Mongol invasion. Nomads enlisted by Muslims to fight the Mongols stake their own claims and became known as Ottomans. The Ottomans transform the Islamic world, creating a new empire that expands westward into Christian territories. Suleyman the Magnificent shapes the Ottomans into a military powerhouse and an empire of extreme wealth and sophistication. The empire threatens the great powers of Europe and the empire of the Persian Safavids to the east, before falling victim to empires from within.

Health plan re-enrollment deadline nears

M ajor changes in the University's health insurance plans will require all faculty and staff to re-enroll in health or dental-only coverage by May 3. Employees who have not re-enrolled should carefully review the insuring information on their cards to them over the past month, review the plan details in the appropriate plan and enroll as soon as possible.

Application forms were included in the informational packet sent to employees' homes in April and are also available on the human resources Web site (http://hr.wustl.edu/) and at the benefits offices. Employees who are currently enrolled in health insurance and who don't re-enroll by the May 31 deadline will automatically default to the Blue Cross Basic plan and remain in that plan from July through June 30.

Employees should sign up today to ensure continued health insurance in the plan of their choice.
Melanie Adams, associate director of student activities, chats with a student in her office about a campus project. Adams feels it is important to support students in their activities and enjoys being involved as an adviser and a friend.

"I can't say enough about Melanie's commitment and ability to serve students. She is an outstanding person and professional and always uses sound judgment to advise and empower students."

JILL CARNAGHI
Project Steering Committee. With these groups, Adams has organized fund-raisers and started advisory boards. "My philosophy on volunteering is grounded in civic responsibility," Adams said. "Some people complain about St. Louis, but few are actually doing things to make it a better community. I find by that working with groups like FOCUS St. Louis and Metropolis St. Louis, I surround myself with positive energy that fuels me to want to be involved." Adams' favorite part of her job is seeing students' expressions when a program is successful. "At this year's Dance Marathon in February, for example, the students who had worked so hard and so long on the marathon were crying when it was all over," she said. "That was the first time I had ever seen students so emotionally involved in a project. They were literally crying that they raised $30,000. It was wonderful for me to watch them complete such a large project and realize they did it. It really gives them confidence for the next time."

"Some students think the University puts up a red tape," she said. "They think it's our job to make things difficult for them. By having an internship in a campus department, the students learn that isn't the case. They start to realize why things are done the way they are."

The students select the internships they will have during the program. Adams encourages them to try something new and take an internship not closely related to their organization. The Summer Leaders Program is designed for students who are truly concerned about their organization and want to take it to the next level," she said. "They get to meet the administrators, develop leadership skills and really think about the direction of their organization. I hear many students say they barely have enough time to keep their organizations running. I let them enough time to think about them and do any long-term planning. Summer is a great time to do things like that."

Senior Michelle Purdy, 2000-01 president of Student Union, said she found the Summer Leaders Program very helpful. "I participated in summer leaders last year, and I thought it was an excellent program." Purdy said. "Leaders from many of the different student groups got to hang out with each other in a different setting, and I think a lot of barriers were broken. It helped me develop leadership skills, and it showed off all of us how to work together better. Plus, we got to see another aspect of the University and see a lot of the St. Louis area as well."

Purdy said she considers Adams not only an administrator but also a friend. Melanie really strives to help students develop as leaders on campus and in the community," Purdy said. "One of the things I've enjoyed most about Melanie is her desire to get involved with a lot of volunteer activities in St. Louis and to bring those experiences back with her. She really shows students what opportunities are out there beyond the campus. I also like the fact that Melanie's door is always open."