Admissions

For their outstanding academic accomplishments, Raymond E. Arvidson, Ph.D., and Robert H. Waterston, M.D., Ph.D., have been named recipients of faculty achievement awards for 2001.

Arvidson, the James S. McDonnell Professor and Gerty Cori Faculty Achievement Award recipient, announced Saturday at the Chancellor's Gala in Holmes Lounge.

Chairman Mark S. Wrighton announced the selections Saturday at the Chancellor's Gala in Holmes Lounge. "These faculty achievement awards are a wonderful opportunity to annually recognize two outstanding members among the University's numerous scholars and professors," Wrighton said. "This year's recipients are truly exemplary. Their research and recognition, recognized prominence in their fields, and dedication and service to the University community constitute the basis for the important recognition they have received."

Arvidson and Waterston will receive $5,000 honorary and framed citations at a formal ceremony at the medical campus Sept. 19.

Arvidson and his research group manage NASA's Planetary Data System Geosciences Node, a facility available to planetary scientists worldwide, containing images and planetary data from missions to Mars, the moon and Venus. A 50-year veteran of NASA missions and programs, he is an interdisciplinary scientist for NASA's Mars Surveyor Program Mission as well as acting principal investigator with the Athena science team for the 2003 and 2005 rover missions.

Arvidson is a widely acclaimed leader in the field of space sciences and an innovative, devoted teacher of young people. See Awards, Page 6

Admissions

University's Office of Undergraduate Admissions offers, brings admissions officers to campus and community events giving high school seniors a glimpse of the campus and community. April Welcome, a monthlong series of events giving high school seniors a glimpse of the campus and community, begins April 19. More than 21,000 applications for the class of 2005 were received, the highest number ever. According to Dr. Michael Rosenberg, member of the Student Admissions Committee, gives a campus tour to a group of prospective students as part of April Welcome, a monthlong series of events giving high school seniors a glimpse of the campus and community.

Working on a cyclical schedule, the admissions office spends each part of the year focused on the admissions cycle. In the fall, a group of admissions officers spread across the country, visiting high schools and college fairs while meeting with alumni and parents, bringing the campus and community into students' lives and helping students and working with college counselors.

The winter is spent reading an ever-increasing number of applications. This year, the year receiving a University-record of nearly 21,000 applications for undergraduate admission.春 is the busy but rewarding time for the office. April Welcome, a monthlong series of events giving high school seniors opportunities to attend high school and college fairs while meeting with alumni and parents, brings the campus and community to students. The admissions office spends each part of the year focused on the admissions cycle. In the fall, a group of admissions officers spread across the country, visiting high schools and college fairs while meeting with alumni and parents, bringing the campus and community into students' lives and helping students and working with college counselors.

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New course melds social work, law disciplines

By Ann Nicholson

A new interdisciplinary seminar pooling the talents of School of Law and George Warren Brown School of Social Work students.

The seminar addresses individual community members' combined legal and social service needs while seeking to improve both systems to benefit everyone.

The University's Social Work and Legal Education Program requested that the two schools offer a course on the dual practice of law and social work, which is being offered for the first time this semester. Jane Aiken, J.D., professor of law and director of the law school's Civil Justice Clinic and Melissa Jonson-Reid, Ph.D., assistant professor of social work, are team-teaching the course.

"The seminar examines the differences and similarities in both fields' professional jargon, ethics, values, means of engaging and serving clients, and professional definitions," Aiken said.

"Using simulations and community-based projects, the seminar helps students to negotiate through the strengths, weaknesses and conflicts inherent in combining the two careers. It also emphasizes how such issues affect practice with diverse and oppressed populations."

While the course is aimed at students in the dual J.D. and master of social work degree program, it also has attracted strictly J.D. or MSW students who are interested in the increasing intersection between the two practices.

Founded in 1972, the dual J.D.-MSW program is the oldest of its kind nationwide. While the program has long drawn upon coursework from both schools, this is the first time a seminar specifically has focused on the interrelationships between the two fields.

Third-year law student Alicia Waller said the course should be mandatory for all law students.

"There is a certain fiction in legal education that you don't bring any biases to the table, that you only have the law in front of you, and that you can apply the law equally to everyone as long as you have correctly interpreted it," Waller said.

"But when you practice in the real world, you are going to have to deal with people who are not just like you. You cannot remain neutral. You have to be able to assess yourself and your clients in ways you do not usually learn in law school. This class has taught me some of the skills that social workers use and how to navigate through a different mind-set."

Based on her experiences, dual degree student Brendan Coalition will publish her views on the combined practice of law and social work in an upcoming edition of the law school's Journal of Law and Policy. She wrote that while social work skills such as empathetic listening, crisis intervention, evaluation and referral are critical to the mix, "social workers' clients must often overcome a number of barriers, including legal ones. For that reason, it is critical that social workers have some understanding of the law in order to understand and explain their clients' legal rights."

Jonson-Reid noted that the seminar draws on the models of clinical work at the law school and practical experience at the social work school while "challenging students to link both professions' dual roles of research and advocacy in addressing community issues."

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ALICIA WALLER

"The seminar allows students to directly experience what they have learned through teams of students providing free, multidisciplinary expertise to community groups, including the Forest Park Southeast Neighborhood Organization, Special School District, Older Women's League, Legal Services of Eastern Missouri's Children's Alliance and Parental Relocation Statute Advocacy Coalition," Jonson-Reid added.

The students have been working with both clinics assisting the immediate needs of individual clients and with advocating for larger policy or legislative changes to ameliorate systemic problems. For example, one team seeking to assist a 13-year-old boy — who has been unable to attend school for three years due to expulsion for a non-school related incident — also has been documenting ways to make the Safe Schools Act more equitable.

The students have been examining not only whether the child has a constitutional right to an education, but also whether the legislation is being interpreted correctly, and if it should be amended to address inequities. From a social policy aspect, they are considering the overall effect on communities of "zero tolerance," which means in the short term to have increasing numbers of children out of school, as well as the long-term effects on society of a growing population of undeducated children.

Another group wrote a bill seeking amendments to the state Parental Relocation Statute that would better ensure that application of the statute is in the best interest of the families involved. Sponsored by state Rep. Glenda Kelly (D-27th District), the bill has been held up in committee due to a recent state Supreme Court ruling reiterating that courts have the ability to award custody to another parent. Jonson-Reid noted that a key message of the seminar is not to push students' professional boundaries to assist children who were unfairly being penalized under the statute.

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"Students need to realize that policy change is an important part of community service," he said.

Smilowitz said he is committed to trying to find long-term solutions.

"You can't neglect the problems or the root causes," he said. "More service groups need to push voting and political action because they are also important components of community service. Long-term change can't happen until we address the problems."

Smilowitz is also starting a new national organization that will involve high school and college students. He hopes the group, which will eventually have a chapter in each state, will help influence policy changes within the local and national governments.

"Students need to realize that policy change is an important part of community service," he said.
Pediatrics department receives special research designation

**By Gila Reckess**

University-led researchers have obtained the first conclusive evidence that the immune system helps prevent tumors after all. The researchers found that the immune system helps prevent tumors by destroying cancerous cells and a protein called TAPI.

The researchers examined one gene or the other. Therefore, the researchers concluded that, while the roles of lymphocytes and IFNg overlap, TAPI also might prevent tumor formation via mechanisms not involving the immune system. They also found that the immune system is essential to the formation and growth of bone tumors in mice with a healthy immune system.

"Ultimately, this center is designed to create a new generation of pediatric physician-scientists. This support will nurture their careers until they become independently funded scientists." - Jonathan D. Gitlin

**Children's Health Insurance Program. This effort provides health coverage for uninsured children of low-income families.**

**Pediatrics department receives special research designation**

**Endurance for Insurance**

First-year medical student Galying Lu (right) tags classmate Erica Brooks during a 12-hour relay race Saturday at Bushyhead Track. The relay was organized by the University student chapter of the American Medical Association to raise awareness for Missouri's Children's Health Insurance Program. This effort provides health coverage for uninsured children of low-income families.

**Piedmont School Update**

Medical School Update

Immun system helps prevent tumors after all

**By Gila Reckess**

Pediatrics department receives special research designation

**By Anne Exeunt Sheffield**

The Department of Pediatrics has been named a Center for Children's Health Research Center (CHRC) in Developmental Biology. It is the first endowed Center in Developmental Biology at Washington University School of Medicine.

"Ultimately, this center is designed to create a new generation of pediatric physician-scientists. This support will nurture their careers until they become independently funded scientists." - Jonathan D. Gitlin

"This support has been critical to my career," said Dr. Gitlin, who is also professor of pathology and immunology. "It has been instrumental in allowing me to continue my research in the field of immunology."
School of Art presents Galleria catwalk in annual Fashion Show

By LISA OTTEN

The Fashion Design Program at the School of Art & Design opened its 72nd Annual Fashion Show at the Galleria and Lord & Taylor on May 2. The fully choreographed, Parisian-inspired runway features some 50 models wearing more than 100 outfits created by the program's seven seniors and 11 juniors.

The show, titled "Reflections," kicks off with a reception at 7:30 p.m. in the Galleria's Garden Court, located near the entrance by Lord & Taylor. The main event gets underway at 8 p.m., and is followed by a dessert reception for the designers and audience.

Tickets are $45 per person for general seating, $50 for University students and employees. Tickets with special seating (and recognition in the program) range from $150-$300, with all monies over $45 going to support the Fashion Design Program.

"Fashion is musical and magical," it's always 20-20, but only when you reflect on it," said Leigh Singleton, head of fashion design, explaining this year's theme. "It's only a decade or so that we really can understand all the influences that were happening then, and see what people wanted to express in their clothes.

This year, many of the projects we've done are inspired by the decades of the 20th century. Projects we've done were inspired by the significance of shape and color and texture, which are really the focus of fashion.

The fashion show is chaired by fashion design professor Susan R. Byrum ('87) and organized by a committee of volunteers. Works on display include "me to you to them," Singleton said. "We want students to be able to find the eyes and ears of the customer, and the professionals can help them learn to do that.

"Ultimately, we're preparing students for the real world. Not just more college." Tickets are available at the Edison Theatre Box Office (935-6543), at the Galleria Concierge Service Center and through Metrotix (544-1111). A limited number of tickets will be available at the door. For more information, call 935-9090.

Exhibitions

"Muses and the Healing Art." Through April 27. Sherri Bahner, updated May 2, is at the Galleria's concierge service center. The exhibition features the work of eight Galleria artists and raises funds for the School of Medicine (medical education and research) and the W.K. Kellogg Children's Hospital.

"Master of Fine Arts Exhibition." Through May 31. The School of Art will present this exhibition in the In/Form Gallery, 3019 S. Dreher. The exhibition features the work of eight Galleria artists and raises funds for the School of Medicine (medical education and research) and the W.K. Kellogg Children's Hospital.

Lectures

Tuesday, May 1


Tuesday, May 2

6:15 p.m. "Matthiessen in America: A Day of Readings." "American Heart Walk" Student exhibition reception from 5-7 p.m. May 4 and remains on view through May 20. (Reception May 4,倜 3-7 p.m.) School of Art Master of Fine Arts Exhibition. In/Form Gallery, 3019 S. Dreher. 729-4525.

Wednesday, May 9

5:15 p.m. "Benches and Baskets: An American Folk Art Enterprise: Deconstructing "Mother's Basket."" David Janowitz, asst. prof, of rural and community medicine, Pennsylvania State University College of Medicine, 935-6760.

Music

Sunday, April 29

3 p.m. "Chorallesque" concert, Music of Krasinets: Barat, Rachmaninoff and Prokofiev.

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April 20
12:30 p.m. — An Office of Housing and Residential Life employee reported that a four-foot high adjustable stainless steel chair was stolen from the east end of Rush's Cafe. The theft occurred between 12 a.m. - 2 p.m. April 19. Total loss is valued $650.
5:47 p.m. — An unknown person returned a 1997 Jeep parked on Lot 3 and took a Sony CD player from the dashboard. Total loss is valued at $450.

April 21
4:14 p.m. — While on patrol, a radio broadcast announced that the University City Police Department was looking for a suspicious male in the area of Big Bend Boulevard and Forest Park Parkway. An initial description of the suspicious person was observed in the area of Millbrook No. 2. A check revealed active warrants and a search of the suspect revealed a concealed weapon. The suspect also had an open warrant for trespassing and was arrested and booked on the above charges.

April 22
12:30 a.m. — A student was punched in the face by an unknown white male for mocking an award that Theta Xi Betaonomy received. The incident will be referred to the Greek Coordinator.
7:30 a.m. — The senior project manager for construction management stated that between 5 p.m. April 20 and 3 p.m. April 21 unknown persons obtained entrance to building No. 4 located in the Small Mall by spraying construction site paint and sprayed the concrete floor and a door used to hold tools. The persons also took a microwave that was sitting on a table in the lobby. Total loss is valued at $100.
9:36 p.m. — A student reported that he parked his 1994 Ford Cherokee on Lot 3 at 8:30 p.m. When he returned at 10 p.m., an unknown person had taken his car stereo and a laptop computer from his vehicle. Total loss is valued at $7,270.

Additionally, the University Police Department responded to four reports of theft, two reports of vandalism, two reports of automobile accidents, one report of impeding traffic, one false alarm and one drug offense.

Women win UAA track title; men 4th
The women's track team captured its fifth University Athletic Association championship — its third in the last four years — Saturday and Sunday at the UAA Championships held at the University of Chicago. The men fared well too, taking third place in the meet. The women won first in 21 of 24 events and grabbed the title by 46 points over its closest competition.
The Bears also took two of three events in women's track, nabbing the most outstanding performance of the weekend. The Bears went to senior Sarri Ramsey, and the coaching staff of the year, as head coach Mark Ebert, assistant coaches Malcolm McElhiney, David Cerver and Claudia Sigand took home that honor. Ramsey won the 100- and 400-meter hurdles with her 1:04.59 in the 400 good enough for a provisional qualification into the NCAA championship meet. The second day wasn't the Bears' only Bear to step up in the championship. Kamarah Yhst won the long jump and the triple jump, Natasha Richardson won the pole vault, Sarah Thompson won the 200-yard dash. Instead of Sari taking home the title in the 10,000 meters, Valerie Louis won the event and Susan Chow flew to victory in the 1,500 meters. The Bears also won the 400- and 1,600-meter relay.
On the men's side, junior Todd Bjorkman turned in a dominating performance in the sprinting events, winning the 100-meter dash by nearly four-tenths of a second and claiming victory in the 200-meter dash as well. Bjorkman also was a part of the 400-meter relay team that brought home a UAA title, Pat MacDonald finished second in the 5,000-meter run at 15:33.24.

And more...

Campus Watch

April 27
11:15 a.m. — Catholic, 6352 Forsyth Blvd. 935-5193.
11:15 a.m. — Catholic, Student Center. 935-5193.
11:30 a.m. — Catholic, Student Center. 935-5193.
11:30 a.m. — Catholic, Student Center. 935-5193.
1:30 p.m. — Muslim Friday prayer. Includes simmering day, if observed. 935-5193.
2:00 p.m. — Catholic, Student Center. 935-5193.
2:00 p.m. — Catholic, Student Center. 935-5193.
3:30 p.m. — American Heart Walk. This year in the mall. Co-sponsored by Barnes & Noble, WU, Phoenix Centers and the Heart Care Inst. Would like all to participate. Call 935-5193 to register. 935-4218.

April 30

May 1

May 4
8 a.m. — Millwork convocation, includes Act I of Johann Strauss "Die Fledermaus." James Stewart, dir. 6352 Forsyth Blvd. 935-5193.

Saturday, May 5
8 a.m. — WU Chorus concert. Includes Act II of Johann Strauss' "Die Fledermaus." Jolly Steward, dir. Umrath Hall Lounge (also May 10 and 17, same time). Cost: $10. Sponsored by music dept. Umrath Hall Lounge, Mallinckrodt Student Center. 935-3543.

Tuesday, May 1

Thursday, May 3
2:30 p.m. — Continuing Medical Education conference. "Update in the Oncology and Management of Patients With Acute Leukemia (ALL)" and "Update in the Oncology and Management of Patients With Acute Leukemia (ALL)." Eric P. Newman Education Center. To register, call 362-6891.

Saturday, May 5

Tuesday, May 1
7 p.m. — Travel to Illinois Wesleyan University for a doubleheader at DePauw. University. Against the Bears fell in an early hole as the Tigers were up 5-2 with three innings. WU scored twice in the second and on the second day, Coach Lefebvre picked up the win and allowed just three hits on run to the shutter. The Bears then fell to Illinois Wesleyan Wednesday for a doubleheader at DePauw. University. Again the Bears fell in an early hole as the IWU scored two runs in the first three innings. WU got a run back in the top of the fifth, but were down 9-0. WU hit a 4-for-5 at the plate. WU then headed to Greensboro, Ind., Saturday for a doubleheader at DePauw.

Baseball recovers with victory over DePauw
The baseball team staged a game above the 300, going 1-2 last weekend on the road. Four first-innings runs by Illinois Wesleyan April 19 were too much for the Bears to overcome in an 8-4 loss. Freeman Ramos Jr. continued his solid play with a 2-for-3 day at the plate. Ramos then headed to Greensboro, Ind., Saturday for a doubleheader at DePauw.

Worship

April 27
11:15 a.m. — Catholic. Student Center. 935-5193.
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11:30 a.m. — Catholic. Student Center. 935-5193.
11:30 a.m. — Catholic. Student Center. 935-5193.
1:30 p.m. — Monday’s Women’s track and field. St. Louis City Meet. Friends Field. 935-5193.

Saturday, May 5
5 p.m. — Women’s softball vs. Webster U. Forward Field. 935-5193.

Sports

May 1
3:30 p.m. — Men’s and women’s track and field. St. Louis City Meet. Friends Field. 935-5193.

Monday, May 4
Awards

Arvidson, Waterston honored for achievements — From Page 1

Under his leadership, his department has achieved increasing prominence and is recognized as one of the best both in seismology and planetary departments in the country. He has taken leadership roles in many international initiatives, including the International Seismological Center, the Global Seismographic Network, and the Seismic Research Network. He has made significant contributions to our understanding of the Earth and the cosmos, as well as contributions to other areas of geophysics.

Arvidson is a dynamic leader of young people, a recognized authority in his field, and a chair of the department that makes important contributions to our understanding of Earth science.

The human genome sequence will contribute greatly to the future of medicine and science and improve quality of life for all. In large part, we have Bob Waterston to thank for this milestone.

In 1990, Waterston launched a major effort to sequence the DNA of the Arabidopsis thaliana, a model plant. The sequence of this first Arabidopsis species, completed in 1998, paved the way for the sequencing of more complicated genomes, including human. Waterston and his colleagues have sequenced the genomes of more than a dozen species.

Nared head of the Department of Cell Biology, Genetics, and Development at the University of Kansas in 1991. Waterston founded the Genome Sequencing Center in 1993. He was a principal investigator of the International Human Genome Sequencing Consortium, the public effort to complete the first human genome.

Waterston's leadership put the University at the forefront of this effort, contributing some of the project's most crucial aspects and technologies that increased the speed of DNA sequencing that made the completion possible.

Waterston was recently elected to the National Academy of Sciences and has received the Academy of Science of St. Louis' Peter H. Raven Lifetime Award and the General Society of America's Beadle Award.

Waterston earned a bachelor's degree in zoology from Princeton University and a master's degree in molecular genetics in 1972 from the University of Chicago.

Mantle Seismologists map active region's flow pattern — From Page 1

Smith's work, on the other hand, makes use of the most extensive bottom-up seismicity dataset employed in such a location. Mantle flow is characterized by complex geophysical studies of the region that compared ratios of helium isotopes to understand mantle flow. The helium isotopes suggest that the mantle material is generally upwelled beneath the Samonai fracture and 400 miles to the north. The flow direction inferred from the shear wave splitting supports the idea of material flow from Samonai to Tongo through the mantle wedge to the Pacific subduction zone.

This is the first time that such geochemical studies have been confirmed by extensive seismicity data. The most exciting thing to come from this study is that the anisotropic flow direction results from an east-west direction far from the Tonga arc. The flow is directed from the trench to the south.

Smith said, "Unlike many seismic anisotropy studies, in this work we were able to confirm the shear wave splitting results from mantle flow in the Tonga region. The observation is highly interesting, as it correlates well with the oceanic spreading axis, and the mantle flow direction is determined from geophysical studies of helium isotopes.'"
**Notables**

**School of Architecture announces Distinguished Alumni Awards**

**BY LAM OTTEN**

The School of Architecture honored six outstanding alumni in its eighth annual Distinguished Alumni Awards Dinner April 26.

Terry L. Brown, Karl A. Grice, ALA; Christopher A. Grubho, Exec.Treas. of St. John's, FAMA; and W. Stephen Saunders, ALA, received the Distinguished Alumni Awards for their contributions to the school and the practice, while Elva Rubio, AIA, received the Young Alumni Award.

Gilbert Taylor Rogers was awarded the 2001 Dean's Medal for service to the school.

Brown is principal of the firm Terry Brown Architect and an adjunct architecture professor at the University of Cincinnati's College of Design, Architecture, Art and Planning. His work has been featured in numerous publications, including Design Interiors Magazine, A.D. Architectural Design, Island Architecture and Progressive Architecture. In 1995, he was a winner of the Cooper Hewitt Museum of Design's prestigious competition "40 Architects Under 40" held once each decade. Brown earned a bachelor of arts degree with a major in architecture from Iowa State University in 1977 and a master of architecture degree from Washington University in St. Louis. Grice, a native St. Louisian, is principal of Grice Group, a law firm. Recent projects include the Jacky Iveissen and Sons &初安 at East St. Louis and the Mathews Dickey Boesman, Inc., St. Louis. He is involved with numerous community organizations, serving as chairman of the Planning Commission of St. Louis Inc., and on the board of the St. Louis Association of St. Louis Inc. He earned a bachelor of architecture degree from the University in 1974 and, a masters from the joint degree program in architecture and social work in 1976. Grubho has received numerous awards for his designs and architectural illustration work on projects ranging from the San Luther King Jr. National Memo- rial in Washington, D.C., to master plans for the 2004 Sydney Olympics and the Shanghai World Expo. He has drawn illustrations for the new Highline Terminal and the Gilsn Field Restora- tion (adjacent to the Presidio) before being invited to political cartoonist Gave Yato; and served on the Lesbian and Gay Law Advisory Committee to the San Francisco Human Rights Commission. He earned a bachelor of architecture degree from the University in 1972 and a master of architecture degree in 1974. Hamilton is one of the most distinguished architects in the Southwest, with projects ranging from the Dallas Convention Center and the A.H. Belo Building, also in Dallas, to the United States Mission Office Building in Geneva. He is co- founder of the Dallas firm Omnipolitan Inc., which has received more than 70 design awards, including the 2000 Texas Society of Architects' Firm of the Year Award. Hamilton was elected to the American Institute of Architects (AIA) College of Fellows in 1968 and is a former president of the AIA's Dallas chapter. He earned a bachelor of architecture degree from the University in 1943. Saunders is principal of the Chicago firm Eckerdland Saunders Architects, which, after the past 15 years, has completed more than 100 new buildings, 15 major renovations and two million square feet of interiors. Saunders serves as principal-in-charge of corporate, hospitality and industrial projects; he recently completed a $30 million renovation to the historic Allerton Hotel. He currently sits on the AIA Illinois Board and is a former president of the AIA's Chicago chapter. Additionally, Saunders is a self-taught photographer with work in the permanent collection of the Chicago Architectural Photography and the Santa Barbara (Calif.) Museum. He earned a bachelor of architecture degree from the University in 1972.

Elva Rubio is principal of Rubio/Doburch Architects, which practices in Chicago and St. Louis, and a senior vice president at SUE/Specs Inc. in Chicago. She also serves as adjunct assistant professor and director of the Second Year Program at the Illinois Institute of Technology College of Architecture. Her work has been included in "Chicago Architecture: Issues for the New Millennium," and she earned a master of architecture degree from the University in 1972.

Rogers, now 93, retired in 1972 after 46 years in the telephone company only to launch a second career as a community volunteer. A long-time supporter of the School of Architecture, his affiliation goes back to the late 1950s, when his daughter, Cynthia, visited as a prospective undergraduate. That daughter, Cynthia Rogers Weese, now leads the school into the 21st century as dean, while Rogers' life income of appreciated securities will play an important role in the renovation of Green Hall, home to the School of Architecture, and will serve to name the dean's suite.

**Friends of Mother Nature**

Members of Sierra Student Coalition and Gateway Green Alliance celebrated Earth Day 2001 by sponsoring an event in the Brooksidge Quad on Sunday. Those in attendance enjoyed live music, speakers, vegetarian food, storytelling, children's events and workshops on politics.

**School of Law students excel in numerous skills competitions**

School of Law students recently won high honors in several of the nation's top law schools. The law students' success on the law school's Moot Court teams, Environmental law and law school alumnus and adjunct law professor William Richardson was honored at the School of Law's annual A.D. Architectural (AIA) College of Fellows in 1968 and is a former president of the AIA's Dallas chapter. He earned a bachelor of architecture degree from the University in 1943. Saunders is principal of the Chicago firm Eckerdland Saunders Architects, which, after the past 15 years, has completed more than 100 new buildings, 15 major renovations and two million square feet of interiors. Saunders serves as principal-in-charge of corporate, hospitality and industrial projects; he recently completed a $30 million renovation to the historic Allerton Hotel. He currently sits on the AIA Illinois Board and is a former president of the AIA's Chicago chapter. Additionally, Saunders is a self-taught photographer with work in the permanent collection of the Chicago Architectural Photography and the Santa Barbara (Calif.) Museum. He earned a bachelor of architecture degree from the University in 1972.

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Joseph W. St. Geme III, M.D., loves his numerous roles as a leader, a teacher and a father.

BY ANNE ENRIGHT SHEPHERD

WASHINGTON UNIVERSITY IN ST. LOUIS
record.wustl.edu

Embracing daily variety

Joseph W. St. Geme III, M.D., associate professor of pediatrics and molecular microbiology and director of the Division of Pediatric Infectious Diseases at the School of Medicine, and graduate student Amy Zoch review a protein gel to find evidence of an adhesion that is part of a recent study.

When he wasn’t on the field, St. Geme worked in the lab of well-known immunologist Hugh McDevitt, M.D., a move he credits with stimulating his interest in basic research. He reapplied, Harvard accepted him into the next year’s class, and the rest is history.

Tomorrow’s children

Today, St. Geme’s research has him poised to make a difference in the lives of无数 of children around the world. By studying the bacterial organism Haemophilus influenzae, a common cause of respiratory tract infections such as middle-ear infection, sinusitis, bronchitis and pneumonia, he is shedding light on the precise ways in which cells become infected. Understanding the bacterium at the molecular level could translate into effective prevention of diseases that are among the leading causes of death and morbidity in this country and are often fatal in developing nations.

"My hope is that the work we’re doing ultimately translates into generation of a vaccine that will be effective in virtually eliminating this organism as a cause of disease in children," he said. "I think we’re making pretty good progress in that respect."

In addition to studies specifically targeted at H. influenzae, St. Geme’s research looks more generally at patterns of infection in children. By defining paradigms that apply to a variety of disease-causing organisms, his work helps provide insights into preventing infection by other pathogens.

In one line of research, he is studying human milk to learn more about its properties that help protect against infection. With collaborators in Boston and New Zealand, St. Geme is making observations about a breast milk component called lactoferrin, which could translate into new therapeutic approaches.

"Our research into the molecular mechanisms underlying the interactions of H. influenzae with the human host promises to provide improved immunization and alternative anti-microbial therapies for tomorrow’s children," said Alan L. Schwartz, M.D., Ph.D., the Harriet B. Spoehrer Professor and head of pediatrics.

St. Geme and his wife, Lynn White, M.D., also a member of the faculty in pediatrics, value their roles as parents and stay actively involved with their three sons, Joe IV, David and Tom.

Soccer games, baseball practices and carpooled assignments are just part of the routine in a faculty that sees variety as the spice of life.

"Generally, I think Lynn and I do a pretty good job of balancing our professional lives and our personal lives," St. Geme said. "In some ways, our boys have forced us to do that. It may be that we have dinner together at 5:00 or 5:30, but almost all the time we have dinner as a family or with friends.

Although his sons are a long way from choosing their own careers, they don’t have to look far for advice when the time comes. They can just ask their dad.