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Record

Aug. 25, 2006

Volume 31 No. 3



Washington University in St. Louis

Study questions claims children overmedicated for ADHD

By JIM DRYDEN

In contrast to claims that children are being overmedicated for attention-deficit/hyperactivity disorder (ADHD), School of Medicine researchers have found that many kids with ADHD are not receiving treatment.

In fact, almost half of the children — within a 1,610-member study group — who might have benefited from ADHD drugs were not getting them.

"What we found was somewhat surprising," said Richard D. Todd, M.D., Ph.D., the Blanche F. Ittleson Professor of Psychiatry and professor of genetics. "Only about 58 percent of boys and about 45 percent of girls who had a diagnosis of full-scale

ADHD got any medication at all."

Much has been written about the increasing number of children taking drugs for ADHD. One study found that the percentage of elementary school children taking medication for ADHD more than tripled, rising from 0.6 percent in 1975 to 3 percent by 1987. Another study reported that the number of adolescents taking ADHD drugs increased 2.5 times between 1990-95. And many reports have noted a rapid increase in the U.S. manufacture of the stimulant drug methylphenidate — usually sold under the brand names Ritalin or Concerta.

Todd manages a database of twins born in Missouri. From that database, medical school researchers studied 1,610 twins be-

tween the ages of 7 and 17. Of those, 359 met full criteria for ADHD: 302 boys and 57 girls. There were 1,006 boys and 604 girls in the sample.



Reich

identified at schools or pediatricians' offices or that their parents are choosing not to

"From a clinical point of view, this study affirms that for whatever reason, many children who could benefit from treatment are not receiving it," said first author Wendy Reich, Ph.D., research professor of psychiatry.

It's possible those children aren't being

give their children stimulant medication, Reich said.

"It may be that mental health professionals need to do a better job of explaining the risks and benefits of treatment," Todd said. "The vast majority of parents whose children were involved in this study reported that their kids improved with medication, and when used properly, these drugs have been shown to be very safe."

Todd, who also is the chief of child psychiatry, said among the 1,251 kids in the study who did not have ADHD, some did take stimulant medications, but it was a very small percentage — only 3.6 percent of the boys and 2.6 percent of the girls.

He said, however, that in many cases,

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Interdisciplinary 'pathway' trains new generation of neuroscientists

By TONY FITZPATRICK

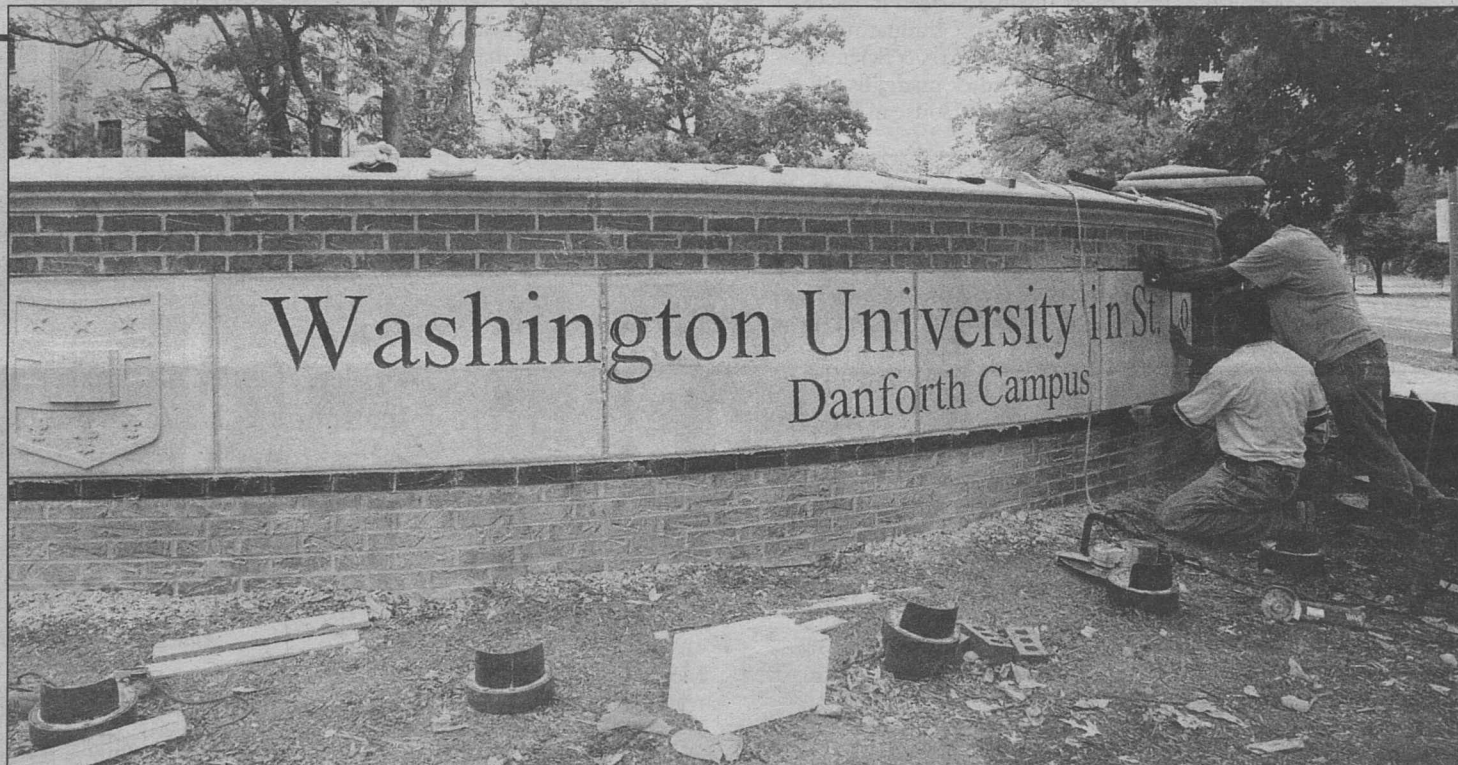
The National Science Foundation (NSF) has awarded the University a five-year, \$2.8 million grant to implement an interdisciplinary doctoral graduate program blending neuroscience, psychology and biomedical engineering. In the Cognitive, Computational and Systems Neuroscience (CCSN) Pathway, students will design and execute their own crosscutting, innovative brain science projects as part of their theses, preparing them to become leading independent neuroscientists.

The grant's principal investigator is Gregory DeAngelis, Ph.D., associate professor of anatomy and neurobiology in the School of Medicine. The CCSN co-directors are DeAngelis; Todd Braver, Ph.D., associate professor of psychology in Arts & Sciences; and Kurt Thoroughman, Ph.D., assistant professor of biomedical engineering in the School of Engineering and Applied Science.

"Scientific study of the brain has always been approached from different disciplines, with major contributions coming from biologists, psychologists and engineers alike," said DeAngelis. "In recent years, the traditional lines between brain-related research in these fields have been blurred."

"The CCSN Pathway grew out of the belief that the top brain scientists of the future will be those who can readily move between disciplines, and can meld the parts of each field into a greater whole," he added. "The

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Enduring contributions Masonry workers check to make sure the individual nameplate blocks are level before applying mortar between the seams on the new monument proclaiming the Danforth Campus. Each limestone block, obtained from an Indiana quarry, weighs 500 pounds. This monument, reflecting the Hilltop Campus' name change, sits at Skinker and Forsyth boulevards. Similar signs will be erected on the other three corners of the Hilltop Campus. The dedication of the Danforth Campus, to be held at 3:30 p.m. Sept. 17 in Graham Chapel, is open to the entire University community. For more information, watch future issues of the *Record* or go online to danforthcampus.wustl.edu.

Veteran reporter Hersh opens Assembly Series

By BARBARA REA

Embarking on its 53rd season, the Assembly Series continues to bring a variety of distinguished voices to the University community. As always, the programs are free and open to the public. Some of the more popular speakers will have limited seating arrangements for the public to ensure that University students, faculty and staff have priority seating.

All lectures are scheduled for 11 a.m. Wednesdays in Graham Chapel except where noted.

Opening the Fall 2006 Assembly Series will be veteran investigative reporter and Pulitzer Prize-winning writer Seymour Hersh. His talk, "Chain of Command: From 9/11 to Abu Ghraib and Beyond," presented as the Elliot H. Stein Lecture on Ethics, will be held Sept. 6. From his first



Hersh

Fall Assembly Series

| | |
|-------------------|----------|
| Seymour Hersh | Sept. 6 |
| Bill Nye* | Sept. 13 |
| David Robertson | Sept. 20 |
| Mark Rank | Sept. 27 |
| Temple Grandin | Oct. 4 |
| Bonnie Oda Homsey | Oct. 19 |
| B.D. Wong* | Oct. 23 |
| Marjane Satrapi | Oct. 25 |
| Stephen Strogatz | Oct. 26 |
| Richard Epstein | Oct. 31 |
| bell hooks | Nov. 1 |
| David Rieff | Nov. 8 |

* Denotes limited public seating

book, in 1970, *My Lai 4: A Report on the Massacre and Its Aftermath* — for which he received a Pulitzer Prize and a host of other journalism awards — to his eighth book published in 2004, *Chain of Command: The Road From 9/11 to Abu Ghraib*, Hersh has been considered one of the

"hardest working muckrakers" in the country.

His work often draws readers into the dark, shadowy world of politics and the military-industrial complex. What separates him from other investigative reporters is his extensive insider contacts reputedly at the top of the political and military chains. Possibly no other story Hersh has exposed over the past three decades could serve as a better example of leadership run amok than the torture and abuse of detainees in Abu Ghraib.

In the fall of 2001, immediately after the 9/11 attacks, *The New Yorker* editor David Remnick told Hersh to get on the story and take it as far as he could. The fruits of that immersion are exposés about America's involvement in the Iraq war and consequences of that action and the role of the United States in Middle East affairs.

A graduate of the University of Chicago, Hersh has enjoyed a long and varied journalism career. He began in 1959 by covering the police beat for Chicago's city news bureau. Later, he was a

correspondent for both Associated Press and United Press International, and reported for *The New York Times* in the early 1970s. Democratic presidential candidate Eugene McCarthy hired Hersh as his press secretary during the 1968 election campaign.

In addition to the Pulitzer Prize, Hersh won the National Book Critics Circle Award for his book on Henry Kissinger.

An informal discussion with Hersh is scheduled for 2 p.m. at the School of Law, which is co-sponsoring the lecture.

Science guy Bill Nye

The second lecture in the series will be given Sept. 13 by Bill Nye. Many of today's college students grew up enjoying the TV show, "Bill Nye, the Science Guy," and learned a considerable amount of basic science in the process. The scientist-engineer-comedian-teacher-author is a man with a mission to make science fun. His new series, "The Eyes of Nye," airing on Public Broadcasting Service stations, explores topics

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Nathan Dardick revisits past and offers a lasting gift

BY BARBARA REA

The day after Washington University's 145th Commencement, retired securities lawyer and financier Nathan Dardick addressed a crowd of his family and friends, University officials and students, declaring his years as a WUSTL undergraduate the "four best consecutive years of (his) life."

While a student, the 1971 graduate spent much of his time at the site where he was speaking — the University's South 40 residential area of the Hilltop Campus.

In the late 1960s, Dardick was a resident, dorm president and resident adviser of Eliot Hall, a South 40 high-rise that was demolished in 2003. On May 20, he revisited his favorite spot for the dedication of the Nathan Dardick House, a new, impressive residence hall designed mostly for first-year students.

"Nate Dardick is a loyal alumnus, family man and friend. Washington University has been an important part of his life, and he has always remembered his beginnings here," Chancellor Mark S. Wrighton said.

"We are most grateful for his support of the residential life program and his generous gift to Washington University. Knowing that Nate's roots started on this site, which is now home to Dardick House, he has truly come full circle in his Washington University story."



Friends of Nathan Dardick celebrate the dedication of the Nathan Dardick House. From left, alums Donald Bassmann, Dardick and Barry Lesht, all of whom graduated with liberal arts degrees in 1971. Bassmann earned a WUSTL medical degree in 1975.

The dedication ceremony and celebration came a day after the youngest of Dardick's four children, Justin, followed in his father's footsteps, graduating from the College of Arts & Sciences. Nathan Dardick made his gift to name Dardick House in Decem-

ber 2003, but out of respect for his son, chose to remain anonymous until his graduation.

"It's thrilling to know that Nate Dardick had such a wonderful experience here that he has chosen to make a significant contribution for future students,"

said James E. McLeod, vice chancellor for students and dean of the College of Arts & Sciences.

"Our students' living experiences are critical to their academic success, and we are very grateful to Nate for recognizing this need and for his great generosity."

Nathan Dardick House is located at the intersection of Big Bend Boulevard and Shepley Drive. Along with Nemerov House, it makes up the Wayman Crow Residential College.

Built in 2004, it is a state-of-the-art facility. As with all residential colleges on the South 40, it promotes the kind of learning and personal development freshmen need to adapt to college life. It is designed to foster a strong sense of community and relationships with faculty outside the classroom, while also offering new traditions unique to each residential cluster.

In addition, the recently completed Habib Health & Wellness Center is located on the garden level.

After graduating from Washington University in 1971 with a bachelor's degree in psychology, Dardick entered law school at the University of Chicago. Heading up his own law firm, Dardick specialized in corporate, banking and securities law and commercial litigation. He retired from law in 1996 to operate a hedge fund and pursue other investment opportunities.

As an active alumnus, Dardick devotes time to the University's Chicago Regional Cabinet and to the executive committee of the Parents Council.

He and his wife, Joann, also are active volunteers in their communities, which include the Chicago area and Captiva Island, Fla.

Quality of care varies for older adults with depression

BY JESSICA MARTIN

When thinking about the well-being of older adults, most people focus on medical care, but mental health care is a growing, pressing concern for older adults and their families.

"At least one in five older adults suffers from a mental disorder, and experts in geriatric mental health anticipate an 'unprecedented explosion' of older adults with disabling mental disorder," said Enola K. Proctor, Ph.D., the Frank J. Bruno Professor of Social Work Research and associate dean for research.

"While older adults may receive adequate medical and psychiatric care, they rarely receive the care necessary to deal with the general 'problems with living' or social stresses. These psychosocial problems, such as isolation and family stress, may exacerbate psychiatric problems, depression in particular, and contribute to functional decline."

Just as the quality of medical care has become a major national concern, the quality of mental health care has become a primary focus of the Institute of Medicine and other national policy groups.

Follow-up care examined

In a study published recently in *The Journal of Behavioral Health Services & Research*, Proctor and colleagues examined the quality of follow-up care for 186 patients discharged from the geropsychiatric unit of a large urban hospital after treatment for depression.

The study, "Quality of Care for Depressed Elders in Post-Acute Care: Variations in Needs Met Through Services," assessed the quality of psychiatric, medical, functional and psychosocial care.

Psychosocial care includes socialization, counseling and case-work services for dealing with family, housing, financial and social problems.

The study results show:

- Almost three-fourths of the patients had their needs for follow-up psychiatric care met.
- Eighty percent of the pa-

tients received the necessary electroconvulsive therapy and psychotropic medication monitoring and supervision for cognitive impairment.

- Nearly all patients reported receiving services to meet their needs for functional dependency, including help with meals, toileting and ambulation.

- Urban elders received better psychiatric care than did rural elders.

- Elders in worse physical health received poorer psychiatric care.

- Follow-up care for psychosocial problems was poorest; about one-third of patients needing such care received no services in this area by six weeks postdischarge.

"Psychosocial problems or social stresses may be perceived by elders, family members and providers as less pressing than their functional abilities or their psychiatric and medical illnesses," Proctor said.

"Psychosocial services are unlikely to be widely known or well understood by older adults, may be stigmatized and are less often covered by insurance."

Study findings show that the health and mental health professionals who serve older adults should be more attentive to their psychosocial needs.

"Older adults who experience social, economic and family problems should be linked with social service agencies that are equipped to meet their psychosocial needs," she said.

The study also indicates that while service providers addressed most psychiatric needs, older adults with more medical illness received poorer psychiatric care, suggesting that medical illness may overshadow — for providers, patients and families alike — elders' mental health needs.

Treat the 'whole person'

"While medical needs cannot be ignored, physicians and other health providers who work with older adults should address the needs of the older adult as a whole person," Proctor said.



"Psychosocial problems or social stresses may be perceived by elders, family members and providers as less pressing than their functional abilities or their psychiatric and medical illnesses. Psychosocial services are unlikely to be widely known or well understood by older adults, may be stigmatized and are less often covered by insurance."

ENOLA PROCTOR

"Meeting an individual's psychiatric and psychosocial conditions can contribute to well-being and recovery, and the professionals who work with older adults should be trained to assess and

respond to these needs."

Co-authors of the study are: Nancy Morrow-Howell, Ph.D., the Ralph and Muriel Pumphrey Professor of Social Work; Mi Jin Lee, graduate social work student; Jes-

sica Gledhill, staff member at Family and Children Services in Tulsa, Okla.; and Wayne Blinne, staff member at Center for Mental Health Services at Washington University.



Token of appreciation Chancellor Mark S. Wrighton delivered the keynote address at the 17th Annual Mathews-Dickey "Say Amen" Banquet, held Aug. 19 at the St. Louis Airport Marriott. The banquet raised \$210,800 for hundreds of area young men and women to participate in the Mathews-Dickey Volunteer Tutorial, Computer Literacy Instruction and career/leadership programs. Mathews-Dickey presented Wrighton with the "Soaring Eagle," funded by Anheuser-Busch, as a "memorable keepsake and token of (its) appreciation for being an important part of the St. Louis community." From left, Jon Grayson, event emcee and KMOX radio personality; Martin L. Mathews, founder of the Mathews-Dickey Boys' & Girls' Club; Barbara Washington, vice president of public relations and special events at Mathews-Dickey; and Wrighton.

School of Medicine Update

School of Medicine to go tobacco-free

By BETH MILLER

In an effort to create a healthier environment for employees, students and patients, the School of Medicine's facilities and property will become entirely tobacco-free by April 2007.

The new policy applies to all School of Medicine buildings as well as all owned or occupied property, including parking lots and garages, vehicles parked on the school property, University-owned vehicles and all leased property.

"Our goal in implementing this policy is to provide a clean and healthy work and patient-care environment for everyone, to reduce the toll of tobacco-related illness and to reduce tobacco use among employees, students, visitors and patients interested in quitting," said Larry J. Shapiro, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine. "As a health-care organization, this is the right thing to do."

A variety of free or reduced-cost resources will be available to those employees who choose to quit, including smoking cessation classes and telephone counseling.

Hilltop Campus employees are also eligible for the smoking cessation resources, although that campus has not adopted a similar tobacco-free policy.

The executive faculty and the dean of the School of Medicine decided to make the School of Medicine tobacco-free based on recommendations from the Tobacco Policy Work Group, which is chaired by James Crane, M.D., associate vice chancellor for clinical affairs and chief executive officer of the Faculty Practice Plan.

"This was not a quick or easy decision," Shapiro said. "We understand that this will be a time of transition for the School of Medicine, but we are confident that it is the best move for the entire community."

Smoking huts will be removed from school property in April. At that time, signs communicating the school's tobacco-free policy will be placed around the medical school property and facilities.

The School of Medicine has also assembled an employee advisory group to help establish the most effective ways to implement this policy and to communicate with employees regarding the re-

sources available to help smokers who want to quit.

This group, made up of current smokers, former smokers and non-smokers, will provide recommendations and feedback to the Tobacco Policy Work Group, provide ideas on ways in which the medical school can best help people who want to quit smoking and assist with planning an event for the American Cancer Society's Great American Smokeout Nov. 16.

By Sept. 15, employees who smoke and would like to quit will have access to Call-2-Quit, a free and confidential phone service that provides personal support to quit smoking.

Call-2-Quit (1-866-902-QUIT or 1-866-902-7848) is offered as part of research being conducted at the School of Medicine to examine two approaches to telephone counseling.

Those who enroll in the study will have seven sessions with trained smoking-cessation coun-

selors who will provide education, help explore reasons and motivations for smoking, identify key situations that trigger the urge to smoke and prepare participants for the challenges of quitting. After a participant stops smoking, the remaining calls provide support and coping techniques. Study participants also will have two follow-up assessments at six months and 12 months.

Mark Walker, Ph.D., assistant professor of medicine in the Division of Health Behavior Research and principal investigator of the Call-2-Quit study, said it is important to have various options because quitting smoking is not a one-size-fits-all proposition.

"This program was developed because we know there are people who would find it convenient to talk to someone over the telephone for help," Walker said. "We've reviewed telephone interventions from around the coun-

try and have brought together the best ideas from all of them."

In addition, Freedom from Smoking classes at the medical school will begin in January 2007.

As a part of the annual review of employee health benefits, a determination will be made regarding which prescription medications commonly used to assist with smoking cessation will be available through the University's health insurance coverage effective Jan. 1.

There are also various community organizations that offer resources on how to quit, counseling and other services for little or no cost, such as the American Cancer Society, American Lung Association, Nicotine Anonymous, *Smokefree.gov* and others.

The Human Resources office at the School of Medicine has a list of those community resources and a list of fitness and wellness facilities at or near the school that are available to employees at a discount.

Washington University physicians adopt electronic medical records

By GWEN ERICSON

Playing the "where's-the-chart?" game in the Division of Cardiothoracic Surgery recently became obsolete when the division switched from using paper files to a fully electronic medical record system.

"In our division, there might be six people vying for a patient's chart during the week so we used to end up playing 'Where's the chart?' a lot," said Laura Ochoa, advance practice nurse in thoracic surgery. "With the electronic system, we can all look at one chart simultaneously from our own offices — on the medical campus or at other clinical locations."

By one estimate, only about 14 percent of all medical group practices nationwide use electronic health records.

Professional organizations and federal agencies have been encouraging their use, and the federal government has set a goal for widespread adoption in medical practices within the next 10 years. Electronic records are thought to improve the quality of care, reduce errors and improve efficiency.

The electronic record-keeping system adopted by the cardiothoracic division will be implemented throughout the Washington University Physicians group, a clinical practice group of more than 900 physicians that provides services throughout the region.

The general thoracic surgery service changed to electronic records in the spring, and the division's cardiac and pediatric cardiothoracic surgery services recently implemented the electronic system, completing the division's move away from paper medical records.

"The potential advantages for general thoracic surgery are huge because we see a large number of new patients every week," said G. Alexander Patterson, M.D., the Everts A. Graham Professor of Surgery and chief of the Division

of Cardiothoracic Surgery. "Most of those new patients require a significant number of investigations before we can make a plan for their treatment, so it's an incredible amount of data to manage. Having it in an electronic format has really helped."

Patients may find electronic medical records improve their experience as well.

"The system can be set up to know your preferred pharmacy, and a staff member can just push a button and send a request directly to the pharmacy," said Troy Burrus, electronic medical records program manager with the WU Physicians group.

When the entire School of Medicine has installed the electronic system, patients who see more than one specialist could find their visits easier.

"If you've seen your dermatologist and then your internist, they will both refer to the same chart, so there's one list of allergies and one list of medications," Burrus said.

Burrus said the system automatically checks for harmful drug interactions and can also signal a physician if a chosen procedure or treatment is outside of recommended guidelines. With its connections to testing labs, the system can receive blood test results, X-rays and other information electronically. A task list feature that identifies items that need attention ensures patient calls and test results are dealt with quickly.

Patterson said he believes the electronic record system is far safer and far more complete.

"Having everybody in the patient-care loop with access to the same information makes mistakes much, much less likely," he said.

The system maintains patient's records on secure servers, and duplicate servers safeguard against data loss if one should become damaged. Security features prevent unauthorized viewing of patient records.

"One of the biggest questions about electronic medical records is security," Burrus said. "There are many checks and balances in place to make sure the documents are secure."



Lessons of the heart Jane Chen, M.D., assistant professor of medicine, demonstrates to Bill Katsiyannis, M.D., a cardiologist and electrophysiologist with the Minneapolis Heart Institute and a former WUSTL fellow, how to implant a pacemaker on a dummy model. The lesson for cardiology fellows was held July 21-22 on Medtronic's 18-wheeler Mobile Cath Lab at the Chase Park Plaza, and provided fellows with hands-on experience in implanting techniques. The program had 35 fellows who came from as far away as West Virginia.

Fox, Simon distinguished professorships named

By JIM DRYDEN

K Daniel Riew, M.D., has been named the Mildred B. Simon Distinguished Professor and Ken Yamaguchi, M.D., the Sam and Marilyn Fox Distinguished Professor of Orthopaedic Surgery.

Chancellor Mark S. Wrighton joined Larry J. Shapiro, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, in announcing the appointments.

"For years, Sam and Marilyn Fox have been among Washington University's most loyal and dedicated supporters, as was Mildred Simon," Wrighton said. "We are deeply indebted to them for their longstanding generosity and many years of devoted service."

"The Foxes' extraordinary generosity in the creation of the Sam Fox School of Design & Visual Arts really was more than we could have hoped for, but now they have gone beyond that and endowed this distinguished professorship demonstrating once again that they are the very embodiment of the generosity of spirit that has made Washington University the world-class institution it is today," Wrighton said. Shapiro echoed Wrighton's comments.

"The School of Medicine is



Riew



Yamaguchi

very grateful for the generosity of Sam and Marilyn Fox and of Mildred Simon, and these distinguished professorships are indicative of their commitment to our institution," Shapiro said.

"These gifts not only will help support the great work being done by Drs. Riew and Yamaguchi, they also will help ensure the continued growth and success of our Department of Orthopaedic Surgery."

The Sam and Marilyn Fox Distinguished Professorship was created this year by the Foxes. The Simon Distinguished Professorship was established in 1998 through a bequest from Mildred B. Simon.

Richard H. Gelberman, M.D., head of orthopaedic surgery since it became a department in 1995 and the Fred C. Reynolds Professor of Orthopaedic Surgery, said the creation of endowments such as these are vital to the School of Medicine's goal of both recruiting

and keeping top-quality researchers and clinicians.

"Very few medical centers combine a top-10 hospital with an outstanding medical school as we do here in the partnership of the School of Medicine with Barnes-Jewish Hospital," Gelberman said.

"In a special way, Drs. Riew and Yamaguchi have a similar kind of partnership, working together closely since both were orthopaedic surgery residents. And it's fitting that two physicians who have played such a key role in our department's growth be recognized together for their accomplishments and given such critical support to continue their work."

Riew is co-director of the Spinal Research Fellowship, chief of Cervical Spine Surgery and director of the recently constructed Orthopaedic Cervical Spine Institute. He joined the WUSTL faculty in 1995.

Yamaguchi also came to Washington University in 1995. He is chief of the Shoulder and Elbow Service in the Department of Orthopaedic Surgery.

"I have firsthand experience with the talent and dedication of Dr. Yamaguchi, Dr. Riew and the other members of this department," Fox said. "It's a privilege for Marilyn and me to provide some additional support."

Orientation offers new students tips on succeeding in classroom

BY NEIL SCHOENHERR

The Class of 2010 is here! Orientation 2006, scheduled for Aug. 24-30, will allow freshmen to meet the faculty, staff members and current students who will help shape their WUSTL experience. This year's orientation theme, "WU's Top 10," encourages students to consider the possibilities that lie ahead as members of the University's Class of 2010.

The highlight again this year will be the Freshman Reading Program. Started in 2003, the program gives freshmen the opportunity to engage in a lively discussion with a faculty member about a book of common reading assigned to them over the summer.

This year's book, *One Nation, Underprivileged: Why American Poverty Affects Us All*, was written by WUSTL's Mark R. Rank, Ph.D., the Herbert S. Hadley Professor of Social Welfare in the School of Social Work. Students will talk about the book during program discussions from 7-8:30 p.m. Aug. 28 in the South 40.

Orientation officially kicked off Aug. 24 with residence hall floor meetings, followed by the 7:30 p.m. Convocation — Chancellor Mark S. Wrighton's welcoming address to new students and their parents in the Athletic Complex. A celebration in Brookings Quadrangle was scheduled to conclude the day's events.

An array of placement exams and departmental open houses are scheduled for today. These give students an opportunity to meet with faculty and staff representatives to learn more about the curriculum. Various financial aid meetings and campus ministry dinners also will take place today. The closing event is the Club 40 Dance at 10 p.m. in the South 40 Clock Tower Plaza.

Aug. 26 will feature meetings with deans and residential college recep-

tions. Highlighting the day will be "Choices 101 — An Introduction to the First-Year Experience," a series of thought-provoking and entertaining skits presented by upperclassmen at 8 p.m. in Edison Theatre. A discussion will follow.

At 8 p.m., students also can attend "The Date," an interactive theatrical presentation in Graham Chapel that examines the issues of sexual assault and alcohol on college campuses. After the performance, students will break into discussion groups by floors. ("Choices 101" and "The Date" will be repeated Aug. 27.)

Aug. 27 consists of a full schedule of adviser meetings for all incoming students.

Aug. 28 features academic advising and more campus orientation sessions. "Freshmen Foundations," which will run from 1-2 p.m. and again on Aug. 29 at the same time, will take place in the Arts & Sciences Laboratory Science Building, Room 300.

"Foundations" will provide an opportunity for students to gain an insider's view of how to succeed in the classroom, while at the same time creating a healthy balance outside the classroom. One of the University's faculty members, Richard Smith, Ph.D., chair of the Department of Anthropology and the Ralph E. Morrow Distinguished University Professor, will share his advice.

The Aug. 29 schedule includes more academic advising and deans' meetings, as well as the "Foundations" program. An outdoor movie will be shown at the South 40 Swamp from 9-11:30 p.m.

Residence floor meetings will be held Aug. 30.

Also scheduled are a variety of events designed especially for international, commuter and transfer students, as well as parents.

For more information and a full orientation schedule, call 935-5040 or go online to orientation.wustl.edu.

chosen as the required reading for all incoming WUSTL freshmen, shows the high cost of poverty and how a re-examination of public policies can benefit everyone.

Author Temple Grandin

Temple Grandin will discuss "Boundaries of Humanity" on Oct. 4. Grandin has had to overcome a series of obstacles in her life, and she has done just that — in spades.

Diagnosed with autism, she has found ways to use her unique gifts, such as the ability to understand animals. She is the best-selling author of *Animals in Translation* and *Thinking in Pictures* and *Other Reports From My Life With Autism*.

Grandin also is professor of animal science at Colorado State University and a livestock handling equipment designer. A panel discussion expanding on the themes in Grandin's talk will follow from 2-4 p.m. in the Women's Building Lounge.

The speaker for the Association of Latin American Students' Lecture scheduled for Oct. 11 will be announced at a later date.

Dancer Bonnie Homsey

At 4 p.m. Oct. 19, Bonnie Oda Homsey will deliver "Re-imagining Motion: Martha Graham and Barbara Morgan" in the Women's Building Lounge.

Joining Homsey in this multidisciplinary discussion about two pioneering female artists — the legendary modern dancer (Graham) and the innovative photographer (Morgan) — will be Barbara Baumgartner, Ph.D., associate director and lecturer in Women and Gender Studies, and Angela L. Miller, Ph.D., professor of art history and archaeology, both in Arts & Sciences; and Patrick Renschen, senior lecturer in photography in the Sam Fox School of Design & Visual Arts.

Chain of Command • Risk of Supplier Bankruptcy

"University Events" lists a portion of the activities taking place Aug. 25-Sept. 7 at Washington University. Visit the Web for expanded calendars for the Hilltop Campus (calendar.wustl.edu) and the School of Medicine (medschool.wustl.edu/calendars.html).

Lectures

Friday, Aug. 25

6:30 a.m.-5 p.m. Urology CME Course. "Hands-on Advanced Laparoscopic Urologic Oncology." (Continues 6:30 a.m.-4:30 p.m. Aug. 26.) Cost: \$2,500, including hands-on labs; \$995 for didactic session and live case surgeries only. Eric P. Newman Education Center. To register: 362-6891.

9:15 a.m. Pediatric Grand Rounds. "Metabolic Reprogramming of the Diseased Heart: A Question of Balance." Jennifer Duncan, instructor in pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

Monday, Aug. 28

3:30 p.m. Civil Engineering Seminar. "Systems With Hysteresis: Analysis, Identification and Control Using the Bouc-Wen Model." Faycal Ikhrouane, Dept. of Applied Mathematics, Universitat Politècnica de Catalunya, Spain. Urbauer Hall, Rm. 216. 935-6350.

4:15 p.m. Civil Engineering Seminar. "Vibration and Control of Flexible Infrastructures." Lin Liu, Beijing Jiaotong U., China. Urbauer Hall, Rm. 216. 935-6350.

Wednesday, Aug. 30

Noon. Radiology Lecture. Annual G. Leland Melson Visiting Professorship and Lecture. "Beyond the Bifurcation: There's More to Carotid Ultrasound Than Stenosis." Edward G. Grant, prof. and chairman of radiology, U. of Southern Calif. South Bldg., Scarpellino Aud. 362-2866.

Friday, Sept. 1

10:30 a.m. Olin School of Business Lecture. "Dealing With the Risk of Supplier Bankruptcy: The Benefits of Diversification and the Costs of Financial Subsidies." Volodymyr Babich, asst. prof. of industrial and operations engineering, U. of Mich. Co-sponsored by the Boeing Center for Technology, Information and Manufacturing. Simon Hall, Rm. 241. 935-5577.

Wednesday, Sept. 6

11 a.m. Assembly Series. Elliot H. Stein Lecture on Ethics. "Chain of Command: The Road From 9/11 to Abu Ghraib and Beyond." Seymour Hersh, reporter. Graham Chapel. 935-5285.

University Events

Thursday, Sept. 7

8:30-10:30 a.m. Center for the Application of Information Technology Executive and Management Forum. "Convergence: The Next Frontier." Johna Johnson, president and chief research officer, Nemertes Research. St. Louis Science Center. For information and to register: 935-5501.

3:30-5:15 p.m. School of Law Lecture. "China's Judiciary: Current Issues." Jianli Song, judge, Supreme Court of China. Anheuser-Busch Hall, Rm. 310. 935-7988.

Sports

Friday, Sept. 1

3 p.m. Volleyball vs. Dominican U. Washington University Classic. Athletic Complex. 935-4705.

7:30 p.m. Volleyball vs. U. of Wisc.-Platteville. Washington University Classic. Athletic Complex. 935-4705.

Saturday, Sept. 2

9 a.m. Cross Country. Washington University Early Bird Meet. Francis Field. 935-4705.

10 a.m. Volleyball vs. Wartburg College. Washington University Classic. Athletic Complex. 935-4705.

2:30 p.m. Volleyball vs. Ill. Wesleyan U. Washington University Classic. Athletic Complex. 935-4705.

How to submit 'University Events'

Submit "University Events" items to Genevieve Posey of the *Record* staff via:

(1) **e-mail** — recordcalendar@wustl.edu;

(2) **campus mail** — Campus Box 1070; or

(3) **fax** — 935-4259.

Upon request, forms for submitting events may be e-mailed, mailed or faxed to departments to be filled out and returned.

Deadline for submissions is noon on the Thursday eight days prior to the publication date.

Series

Broad range of speakers highlights fall lectures

— from Page 1

ranging from the science behind astrology to the causes of addictions. Nye, who studied under Carl Sagan and graduated in 1977 with a bachelor's degree in mechanical engineering from Cornell University, is being brought to campus by the EnCouncil student organization.

Conductor Robertson

The Assembly Series will feature David Robertson at 4 p.m. Sept. 20. With Robertson as the Saint Louis Symphony Orchestra's new music director, the metropolitan community received someone with a rare combination of passion and intellect that draws the best musicians and inspires a broader audience. He is world-renowned as a conductor, and his freshman season highlighted his surprising breadth and depth. In addition to his role in St. Louis, he is also the principal guest conductor of London's BBC Symphony Orchestra.

Professor Mark Rank

On Sept. 27, Mark R. Rank, Ph.D., will deliver a lecture on his recent book *One Nation, Underprivileged: Why American Poverty Affects Us All*.

A nationally recognized expert and the Herbert S. Hadley Professor of Social Welfare in WUSTL's George Warren Brown School of Social Work, Rank has devoted much of his scholarship to studying the reasons for and effects of poverty.

His startling conclusions in his recent book show that the majority of Americans will experience poverty at some point in their lives. The book, which was

Mark R. Rank will deliver a lecture on his recent book *One Nation, Underprivileged: Why American Poverty Affects Us All* on Sept. 27.

Homsey is a former principal dancer with Graham and has reconstructed many dances in Graham's repertoire.

Following the panel discussion, the formal opening of the Morgan photographic exhibition will take place in Olin Library's Ginkgo Room. The Performing Arts Department is sponsoring Homsey's presentation.

Actor B.D. Wong

Actor B.D. Wong will give a lecture, titled "All the World's a Stage: From Exclusion to Inclusion," at 4 p.m. Oct. 23. The stage, film and TV actor has won wide recognition and gained a large following with his moving portrayals.

Although currently best known as the forensic psychiatrist Dr. George Huang on NBC's "Law & Order: Special Victims Unit," much of Wong's critical recognition was garnered for his 1988 role in Broadway's "M. Butterfly," for which he received all five major theater awards, including the Tony Award for best actor.

Wong will discuss his experiences as an Asian-American actor for the Asian Multicultural Council Lecture.

Graphic novelist Satrapi

On Oct. 25 author Marjane Satrapi will present a lecture.

The graphic novel form has come of age, and the remarkable and innovative style of Satrapi is a contributing factor.

Often compared to comics artist Art Spiegelman and praised by critics, Satrapi combined pow-

erful words and images to recreate her childhood during the tumultuous Iranian Revolution, and her subsequent exile to Austria, in the memoir *Persepolis*.

She continues to advance this unique art form with her most recent publications, *Embroideries* and *Chicken With Plums*.

Mathematician Strogatz

Stephen Strogatz will discuss "Sync: The Emerging Science of Spontaneous Order" at 4 p.m. Oct. 26 in Rebstock Hall, Room 215.

From the Cornell University mathematician's research has come a fascinating theory: individual entities within complex systems can influence a spontaneous synchronic reaction affecting the entire group.

Applying the research to many diverse systems, from cancer cells to fireflies to traffic, Strogatz explains how synchronous behavior has a seemingly universal application and how the process occurs spontaneously. This is the annual Thomas Hall Lecture.

Legal scholar Epstein

Richard Epstein will speak at 3 p.m. Oct. 31 at Anheuser-Busch Hall, in the Bryan Cave Moot Courtroom.

The distinguished law professor at the University of Chicago is one of today's most influential legal scholars in America.

The self-proclaimed maverick covers a broad range of subjects that demonstrate an extraordinary understanding of the law,

and his often libertarian stance comes through in his body of writings, which includes *Skepticism and Freedom: A Modern Case for Classical Liberalism* and *Principles for a Free Society: Reconciling Individual Liberty With the Common Good*.

Epstein's lecture is presented by the School of Law.

Social activist hooks

On Nov. 1, feminist writer bell hooks will present the keynote address for the Black Arts & Sciences Festival, which is sponsored by the Association of Black Students. The highly acclaimed African-American social activist and cultural critic enjoys a popular as well as an academic following.

Her books, numbering more than 20, identify and address the negative impact of institutional racism, classism and sexuality on society. These include *Teaching to Transgress: Education as the Practice of Freedom*; *Killing Rage: Ending Racism*; *All About Love*; and *The Will to Change: Men, Masculinity and Love*. More information on the festival's programs will be forthcoming.

Essayist David Rieff

This year's Holocaust speaker, David Rieff, will appear Nov. 8.

Author and essayist Rieff has experienced the ravages of war and the humanitarian relief that often follows. His conclusions regarding the effectiveness of this aid will shock many who believe that all humanitarian relief is inherently good.

In his most recent book, *A Bed for the Night: Humanitarianism in Crisis*, Rieff shows, through many painful examples, that the issues are much more complicated.

The most up-to-date information on the series can be found online at assemblyseries.wustl.edu or by calling 935-4620.

Sports

Fall sports previews:

10 offensive starters back for football team

The numbers are plentiful for the football team this year. The Bears return 10 starters on offense, six on defense and two specialists — and with numbers like those, it's no secret that the Bears are looking for a return to the top of the University Athletic Association.

Last season, the Bears posted a 6-4 overall record and placed second in the UAA. This marked the first time in five seasons WUSTL did not finish atop the UAA. The Bears ended the season on a positive note, however, winning their last four road games to secure a school-record, 13th straight winning season.

Senior Ryan Kennon anchors an experienced offensive line featuring eight different returning linemen who started at least one game in 2005. Kennon, a second-team all-UAA selection, has started 30 straight games at right guard.

Senior Nick Henry emerged as the Bears' starting quarterback last year after passing for 1,706 yards and 13 touchdowns. A second-team all-UAA selection, Henry finished the season on a high note in the Bears' four-game road winning streak throwing for 906 yards and 10 touchdowns.

Senior running back Daronne Jenkins, a second-team all-UAA honoree, ran for a team-best 548 yards and eight touchdowns as the premier back for the Bears last season.

Juniors Dan Cardone and Joe Lubelski will be the heart of the receiving corps this season. Cardone had 16 catches for 196 yards and one touchdown, while Lubelski, a second-team all-UAA selection, made 14 catches for 166 yards.

Senior defensive lineman Drew Wethington leads the Bears defense, which finished 19th in Division III in total defense. Wethington, a first-team all-UAA and third-team all-region selection, led the Bears in solo tackles (35), tackles for a loss (19) and sacks (10).

Sophomore defensive back



Beth Herndon (left) and Lindsay Harkema both return to lead the women's cross country team this year. In 2005, the women claimed third place at the NCAA Championships for the second straight year, and won their fourth straight UAA title. Herndon won the individual UAA title and finished 11th at the NAAs; Harkema finished 78th at the NCAA meet.

Tommy Bawden (51 tackles) and senior linebacker Michael Elliott (51) also return on defense for the Bears.

Senior punter Chaz Moody also returns. Moody, a second-team all-UAA selection, averaged 37 yards per kick and landed 12 inside the 20-yard line.

3 All-Americans will lead volleyball squad

On the surface, the 2006 season might seem like the beginning of something new for the volleyball

On the Web

For complete sports schedules and results, go to bearsports.wustl.edu.

team. Of the five All-America honorees from last season, the Bears' two first-team selections have graduated and only three starters from last year's 35-2 squad are back.

Yet drawing on past experiences could be key to the hopes of the Red and Green this year.

Three years ago, the Bears celebrated their Division III-record eighth national championship. Well, those freshmen have now matured into well-versed seniors. In their first three seasons, the seniors have helped lead WUSTL to a 105-12 record — an .897 winning percentage.

The graduation of All-Americans Megan Houck and Kara Liefer will undoubtedly leave big shoes to fill. Houck, who earned two All-America citations at middle blocker, hit .412 and totaled 134 blocks last season. Liefer, a three-time All-America setter, graduated as the Bears' third all-time leader in assists.

This is where WUSTL's 11 returning letter-winners — including three All-Americans from 2005 — will factor in the 2006 equation.

Senior co-captain Whitney Smith garnered second-team All-America honors in her first season as a starter on the right side. Additionally, juniors Haileigh Spencer (second team at outside hitter) and co-captain Emilie Walk (honorable mention at middle hitter) also added All-America citations to their trophy cases.

Add to that senior co-captains Amy Bommarito, a defensive specialist, and Megan Delcourt, a setter, along with the influx of four freshmen and three transfers and it is clear that the Bears have another formidable group.

Leading scorer returns for men's soccer team

After a hard-fought season during which the Bears battled through various injuries to key players, the men's soccer team has high hopes for 2006.

The Red and Green mustered an 8-7-4 overall record in 2005, marking the 23rd straight season of a .500-or-better winning percentage.

WUSTL returns 20 players, including six starters from that group. Junior Marshall Plow led the Bears in scoring last season, notching five goals (all game-winners) and four assists for 14 points. Classmate Onyi Okoroafor, who garnered honorable-mention all-UAA accolades, added four goals and three assists and a team-high 48 shots.

Senior Matt Fenn returns in goal for the Red and Green. Fenn compiled an 8-6-3 record as the starting keeper, posting 62 saves, a 0.91 goals-against average and five shutouts.

Junior Elie Zenner leads a strong line of defense. Zenner, an honorable-mention all-UAA back in 2005, helped the Bears — in search of their first conference title since 1999 — limit their opposition to 19 goals scored last season.

Head coach Joe Clarke, who recorded his 300th career win last season, is also on the verge of another milestone.

Clarke enters 2006 just one win shy of No. 100 in his career at the University.

Six starters return for women's soccer team

After finishing with a disappointing 11-7-1 record and a fourth-place finish in the UAA last season, the women's soccer team is eager to hit the field in 2006. Fifth-year head coach Wendy Dillinger has six starters back from last season, including all-region selections Meghan-Marie Fowler-Finn and Talia Bucci.

Fowler-Finn, a first-team all-UAA honoree in 2005, led the Bears in scoring for the third-straight season with seven goals and four assists for 18 points. Fowler-Finn enters her final season ranked fourth on the all-time list in goals (28), and fifth in points (34) and game-winning goals (eight).

Senior midfielder Bucci, also a first-team all-UAA selection, started 18 games in the midfield last year, tallying three goals and three assists.

Senior forward Sara Schroeder started 15 games last season, and enters her final season ranked 10th on the all-time goals list (13). Juniors Marin McCarthy (three goals) and Kim O'Keefe (four goals) each provided a scoring punch up front last season for the Bears.

In the backfield, Washington U. returns two starters in juniors Jessica Denewith and Breta Kennedy. The two were mainstays in the defense, which allowed just 12 goals and posted 10 shutouts. Denewith made 16 starts last season, while Kennedy earned honorable-mention all-UAA honors after starting 18 of 19 games.

Dillinger also expects an immediate impact from a talented freshman class.

UAA champ Herndon leads corps of runners

After another banner season, one might wonder what the cross country team has in store for 2006. Well, if tradition and experience are any indicator, more success should be on the horizon.

Remember, in 2005, the WUSTL women took third place at the NCAA Championships for the second-straight year and won a fourth-straight UAA title.

Meanwhile, the men sent two runners to the NCAA Championships and cracked the NCAA Division III Top 25 by year's end.

Senior Beth Herndon and junior Tyler Mulkin, who each earned All-America honors last season, return to the mix this year. Herndon, who also won the individual UAA title, took 11th (22:33.5) and Mulkin placed 29th (22:54.0) at the NCAA meet.

Additionally, junior Kate Pentak (76th place) and senior Lindsay Harkema (78th) are coming off strong NCAA Championship performances. An experienced group, the WUSTL women, winners of eight UAA titles, return 15 runners to the fold, including 12 juniors and seniors.

Senior Kevin Gale, who provided some of WUSTL's men's highlights last season, lead a strong group of men.

After finishing 70th (26:57.5) in a field of 211 finishers at last year's NCAA Championships, Gale will join teammate Jimmy Centella, who begins graduate studies this fall, as two of the team's more season runners.



Courting the competition The men's and women's tennis teams will have a new home this year as construction nears completion on the Tao Tennis Center. The center will feature six lighted courts, new fencing, windscreen and aluminum bleachers. The surface will be post-tension concrete (above, being laid by Australian Courtworks), which is more crack-resistant. Completion is slated for the middle of the fall semester.

U.S. News ranks WUSTL 12th in undergraduate programs

By NEIL SCHOENHERR

Washington University — consistently ranked among America's 20 best national universities — is ranked 12th for undergraduate programs among the nation's best 248 national universities by *U.S. News & World Report*, the magazine announced this week. The University also ranked 18th in the Best Value category.

This year's results, published in the Aug. 28 edition of *U.S. News* and its *America's Best Colleges* guide, rank WUSTL fourth in financial resources; sixth in faculty resources; sixth in selectivity; and 10th in alumni giving.

WUSTL also ranked 11th in highest proportion of classes with fewer than 20 students, and 17th in graduation and retention (an increase of two spots).

The Olin School of Business undergraduate program is ranked as the 13th-best business school among national universities, tied

with Emory, Illinois, Minnesota and Wisconsin.

The School of Engineering and Applied Science undergraduate program is ranked 39th, up two spots from last year, tied with Arizona, Case Western Reserve and Iowa State.

The *U.S. News* overall undergraduate rankings are derived from peer assessments by university chief executive officers, provosts and admissions deans, as well as from data gathered from each institution.

These data are broken down into categories and assigned a weight reflecting the magazine's judgment about which measures of quality matter most.

A complete list of the rankings is posted on the publication's Web site, usnews.com.

A complete list of the most rankings for all WUSTL schools, departments and programs is available online at news-info.wustl.edu/rankings.

ADHD

Twins study may help researchers find genes
— from Page 1

there's an understandable reason those children have sought treatment. The study found that most of the children without ADHD who took medication did have some symptoms of ADHD — some hyperactivity or problems with inattention — but not enough symptoms to meet formal diagnostic criteria as defined by the American Psychiatric Association's Diagnostic and Statistical Manual. The study also found that most of the kids who took medication without an ADHD diagnosis had a twin who did have the disorder.

"These children have what we might call subsyndromal, or mild, forms of ADHD, and they seemed to come from families where other children had full-blown ADHD," Todd explained. "We didn't find that children got these drugs because they had other problems, such as conduct disorder or a learning disability."

Reich said the eventual goal of studying twins is to learn what elements of ADHD are passed down in families. She said some aspects of the disorder

der certainly are genetic. Others may be related to environmental factors, and studying twins allows the researchers to tease out those influences.

Todd said the hope is to identify genes that contribute to the disorder, or rather, the disorders.

"It's becoming clearer that ADHD is not a single problem but a group of disorders that have different causes but similar clinical expressions," he explained. "There also can be lots of reasons why you become diabetic or hypertensive. The end result is high blood sugar or elevated blood pressure, but how that happens can differ greatly from individual to individual. It's the same thing for ADHD."

Todd said he believes that as genes are identified, it may become possible to intervene in new ways — with psychotherapies, environmental interventions or medications that affect biological pathways that haven't yet been identified. But he said a potential stumbling block in the future, as well as now, is getting children into treatment.

"That's especially true for girls because for whatever reason, less than half of the girls who had ADHD in this sample ever received treatment," Todd said. "As genes are discovered and treatments developed, they won't be able to solve problems unless they are used."



Hollywood at Millstone Pool A Hollywood movie crew shoots scenes at the Athletic Complex's Millstone Pool July 19 for the independent feature film "Bill," a comedy starring Jennifer Alba as a saleswoman and Aaron Eckhart as a stressed-out bank executive. Much of the film was shot at various locations around St. Louis, including a St. Alban's golf course, the former GenAmerica building downtown, The Saint Louis Galleria, the Mary Institute and Saint Louis Country Day School in Ladue and an Oberweis Dairy in South County. The production team chose St. Louis because it needed a typical Midwestern city and because Missouri offers attractive tax incentives. The film, featuring St. Louisans in background roles, is slated to be in theaters sometime next year.

NSF

Model program yields 'sophisticated' students
— from Page 1

CCSN Pathway was designed to train a new generation of scientists that can use all of the available tools to unravel the inner workings of the brain. We feel that the pathway provides a model for how interdisciplinary graduate education will be done in the future."

The grant, part of the NSF's Integrated Graduate Education and Research Training (IGERT) program, will extend and sustain the pathway for the next several years, DeAngelis said, providing stipends and educational expenses for six students per year, for two years per student. All students in the three doctoral programs can participate in CCSN courses.

Candidates for the IGERT funding must be U.S. citizens or residents, and need to apply and be accepted to the CCSN program during their first year of graduate school. Upon accept-

ance, participants need to commit to finishing the program.

The CCSN program's integrated curriculum was designed to foster students' abilities in all three areas. Five courses — the first three of which are core classes from each of the disciplines — require all students to cross-train and learn the fundamentals of each other's fields. These classes are: Cognitive Psychology Seminar, which provides an overview of the main topics of cognitive psychology; Biological Neural Computation, which details computations performed in the nervous system; and Neural Systems, which covers fundamental topics in systems-level neurobiology, functional neuroanatomy and the neural basis of behavior.

As students progress, Advanced CCSN will help them develop critical thinking and analysis skills in the context of a number of interdisciplinary, faculty-led case studies. The students will delve deeply into each topic from a variety of perspectives. In CCSN Project Building, the final course, students will choose a research plan in conjunction with at least two faculty members from different subdisciplines. The pathway culminates with the production of a National Institutes of Health-style grant proposal on the research project, serving for many students as a solid precursor to their thesis proposals.

Additional CCSN training in-

cludes: an inter-session course on mathematics and statistics of experimental neuroscience designed by Thoroughman; an intensive summer research experience headed by Braver; and an educational outreach program to be conducted with the St. Louis Science Center.

Besides the formal coursework and programs, the CCSN pathway will offer students personal and professional development through a series of "Immersive Encounters" with field experts, as well as discussion groups, and the opportunity to travel to unique conferences.

"This (the pathway) is a rich graduate training program," Thoroughman said. "The five courses partially satisfy the whole Ph.D. requirement and add between six months to a year of additional training. The pathway enables sustained communication with interdisciplinary faculty early in the graduate school career, when students are just getting ideas of what they want to do with their programs."

But Thoroughman said students aren't the only ones gaining advantages. "CCSN benefits faculty by bringing us sophisticated students who are able to generate research that is interestingly interdisciplinary. We think that the pathway is very important in the molding of cutting-edge brain scientists who will be very well trained in theory and practice."

Campus Watch

The following incidents were reported to University Police Aug 10-22. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at police.wustl.edu.

Crime alerts:

On Aug. 16, a person observed suspects had entered his residence in the 6000 block of Waterman Avenue and removed several items of value. Entry was gained by breaking a front-door glass window.

And Aug. 10, a person observed suspects had entered his residence in the 6000 block of Pershing Avenue and took several items of value.

The suspects loaded the items into a 1991 Chevrolet Caprice with Missouri license plates and drove away. They had gained entrance through an unsecured window.

University Police recommends the following:

Precautions:

- Report suspicious persons or activity immediately to the police at 911, or go to the nearest Blue Light Emergency

Telephone.

- Lock your apartment door, even when you are home.

- Lock the windows to your apartment. If you have a sliding glass door, secure it further by placing a piece of wood in the track to prevent it from opening.

- Never prop open exterior doors or gates. If you see a door propped open, close it.

- Don't allow people you do not know to "tailgate" behind you into the building.

- When someone knocks at your door, don't open it unless you know your visitor. If the person is a maintenance worker, ask that identification be slipped under the door or through the mail slot. Call the employer to verify that maintenance work was scheduled to be performed. Refuse to deal with anyone who won't comply with this request.

- If you arrive home to find your door ajar, hear unusual sounds or believe your apartment has been broken into, don't go in. Instead, go to a telephone and call the police.

- When you are away from your residence, leave your interior lights on.

Aug. 14

12:45 p.m. - An unknown individual stole a bike from the top of a vehicle that was parked in the Millbrook Parking Garage. The theft occurred between 10:45 a.m.-12:44 p.m.

Additionally, University Police responded to one report of institutional vandalism, one auto accident and three reports of larceny.

Record

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Notables

Medical Center presents alumni, distinguished service awards

By BETH MILLER

The Medical Center Alumni Association honored seven physicians for alumni achievement and distinguished service during its reunion activities recently at the Ritz-Carlton St. Louis.

The Alumni Achievement Awards went to Marshall E. Bloom, M.D. and Willard B. Walker, M.D. The Alumni/Faculty Awards went to Clay F. Semenkovich, M.D. and Gregory A. Storch, M.D.

The Distinguished Service Awards went to William H. McAlister, M.D.; Alan L. Schwartz, Ph.D., M.D.; and Samuel L. Stanley, M.D.

Bloom is associate director of Rocky Mountain Laboratories (RML) of the Division of Intramural Research of the National Institutes of Health's National Institute of Allergy and Infectious Diseases (NIAID), in Hamilton, Mont.

He is internationally recognized for his research on parvoviruses and pathogenesis of chronic viral illness and for his expertise in biocontainment and biodefense. Bloom earned undergraduate and medical degrees from WUSTL.

Upon completing a pediatric internship at St. Louis Children's Hospital, he went to RML as a research associate.

He became an RML-tenured investigator in 1977, was designated as acting chief of the RML Laboratory of Human Bacterial Pathogenesis in 2005 and played a critical role in the development of the NIAID's first Biosafety Level 4 laboratory facility.

Walker is an associate professor emeritus of clinical surgery at the School of Medicine, known for his distinguished career as a vas-

cular surgeon. A native St. Louisan, Walker completed his undergraduate education at WUSTL and earned a medical degree from the School of Medicine in 1946.

He completed an internship, residency and chief residency at Barnes Hospital. He joined the WUSTL faculty in 1953 and served St. Louis' Homer G. Phillips Hospital as a surgical consultant and supervisor of surgery for 25 years.

As a faculty member, Walker was considered an outstanding clinician and mentor who had a lasting impact on many students and residents. After retirement, he volunteered as a surgical consultant for Connect Care for two years.

Semenkovich is the Herbert S. Gasser Professor, professor of medicine and director of the Division of Endocrinology, Metabolism and Lipid Research. He is known for his contributions to the understanding of lipid metabolism, diabetes and atherosclerosis.

He earned a medical degree from WUSTL in 1981 and completed a residency at Barnes Hospital and a fellowship at WUSTL. He joined the faculty in 1990 and was named professor in 1999.

He has served as assistant program director of the University's General Clinical Research Center and is the founding director of the Building Interdisciplinary Research Careers in Women's Health Program.

Semenkovich has used genetically manipulated mice to develop strategies for reversing insulin resistance, hypertension and diabetes, and to identify new mechanisms underlying diabetes and atherosclerosis.

Storch is the Ruth L. Siteman Professor of Pediatrics and professor of medicine and

of molecular microbiology. He is known for his work in virology, specifically in molecular diagnostics of viral infections and in pediatric HIV/AIDS.

He earned a bachelor's degree from Harvard University in 1969 and a medical degree from New York University in 1973. He came to St. Louis for his internship and residency at Jewish Hospital. After two years with the Centers for Disease Control and Prevention, Storch returned to WUSTL, joining the faculty in 1981 and becoming a professor in 1994.

Storch is director of the divisions of Laboratory Medicine and of Infectious Diseases in the Department of Pediatrics and is director of the Clinical Microbiology Laboratories at St. Louis Children's Hospital.

McAlister is professor of radiology and pediatrics. In 1960, he came to St. Louis as an instructor in radiology at Mallinckrodt Institute of Radiology and the School of Medicine. He later joined the Department of Pediatrics faculty and was named professor in 1968.

He has served as section chief in pediatric radiology at the school and St. Louis Children's Hospital since 1965 and was the radiologist-in-chief from 1992-2006.

As a result of his research on bone and joint disorders, human genetics and skeletal dysplasias, he is considered a national leader in pediatric radiology whose outstanding skills as a diagnostician have played an important role in enabling the other specialties at Children's Hospital to function at an extremely high level.

Schwartz is the Harriet B. Spoehrer Professor and chairman of the Department of Pediatrics, professor of molecular biology

and pharmacology, and pediatrician-in-chief at St. Louis Children's Hospital.

He served on the faculty of Harvard Medical School for eight years, then joined the WUSTL faculty as professor of pediatrics and pharmacology and head of the Division of Pediatric Hematology/Oncology. He became chairman of the Department of Pediatrics in 1995.

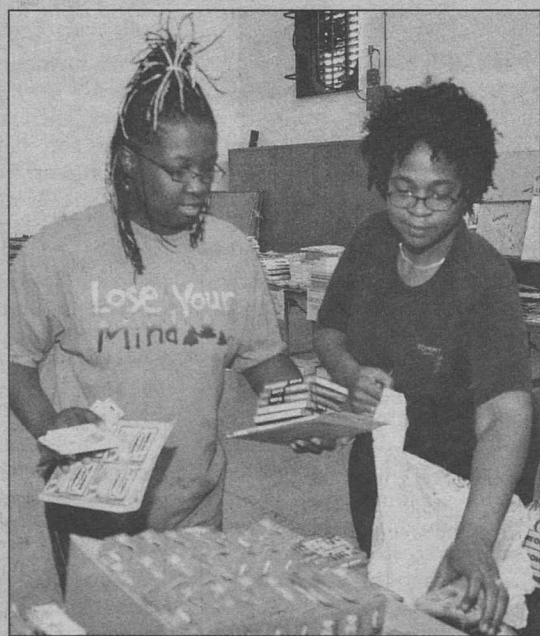
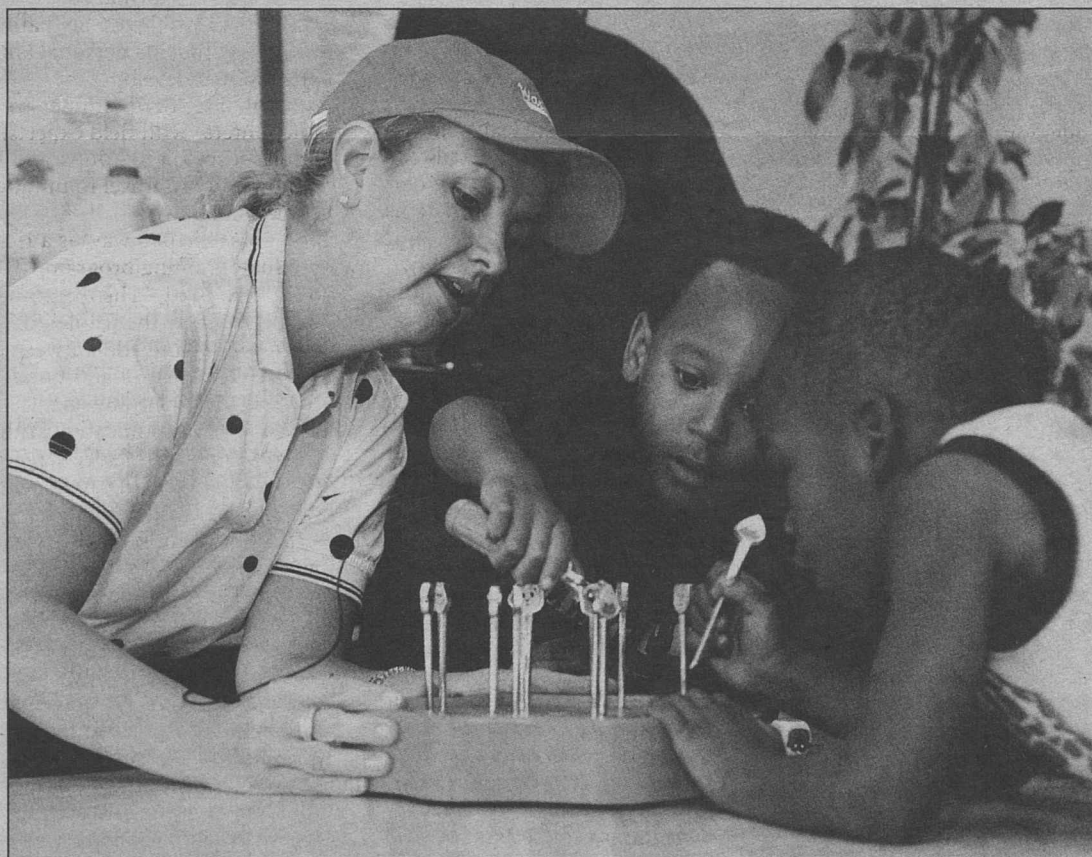
Schwartz is renowned for his pioneering research in the field of receptor-mediated endocytosis, the process by which proteins enter cells in order to provide the cell with nutrients or regulate cell activities.

In addition, he developed a graduate-education program called the Markey Pathway for educating research-oriented trainees in the fundamentals of human pathology.

Stanley is professor of medicine and of molecular microbiology and is known as an expert in biodefense and infectious diseases. He joined the WUSTL faculty in 1987 as an instructor. He then became professor in 1999, and in 2004 was appointed professor in the Department of Molecular Microbiology.

Stanley is known as a superb clinician, teacher, researcher and administrator. He studies the biological mechanisms cells employ when responding to infectious agents such as parasites, bacteria and viruses.

He also directs the Midwest Regional Center for Excellence in Biodefense and Emerging Infectious Diseases Research, based at the University and funded by a \$37 million National Institutes of Health grant. He recently was named WUSTL's vice chancellor for research, the chief officer responsible for the University's \$500 million research enterprise.



Days of Caring May Scheve Reardon (top), of the Gephardt Institute of Public Policy, works with children at the Stella Maris Child Center in University City; Kathy Lehrmann (bottom left), of accounting services, enjoys the company of a resident at the Cardinal Ritter Adult Day Care; and Ja Neise Cunningham (left) and Jeanette Brew, both of Alumni and Development, stuff backpacks with school supplies for underprivileged children as part of the Guardian Angel program. In all, University employees helped at eight different centers over two weeks for the annual United Way Days of Caring program. (Kevin Lowder photos).

Peil named assistant law school dean

By CYNTHIA GEORGES

Michael A. Peil, J.D., has been named to the new position of assistant dean for International Programs at the School of Law, announced Kent D. Syverud, J.D., dean and the Ethan A. H. Shepley University Professor.

Peil's duties include strategic planning for the School's International and Comparative Law programs and oversight for the study abroad, visiting scholars and international summer programs.

Additionally, he is focusing on efforts to expand opportunities for international students to participate in the LL.M. Program in U.S. Law, including new scholarships and partnerships particularly with South American, African and European countries.

"Michael brings a stellar set of academic, professional and administrative experiences to this key position at the school," Syverud said.

"We look forward to working

with him to enrich and expand opportunities in international and comparative law."

Peil previously served as executive director of the International Law Students Association in Chicago, including administration of the Philip C. Jessup International Law Moot Court Competition, which draws students from more than 90 countries.

As an adjunct professor at DePaul University College of Law since fall 2004, he has taught Law of the European Union and coached students in moot court competitions.

Peil also has experience as an office technology manager at Jenkins & Gilchrist PC and was an associate attorney at Altheimer & Gray.

Peil earned a law degree from Cornell Law School, with a specialization in public law and a concentration in international law.

He earned a bachelor's degree in Russian and history from Wake Forest University.

For the Record

Of note

Frank C-P Yin, Ph.D., the Stephen F. and Camilla T. Brauer Professor of biomedical engineering and chair of that department, has received a \$250,000 grant from the Wallace H. Coulter Foundation for research titled "Translational Research Support Grant." ...

Dewey Holten, Ph.D., professor of chemistry in Arts & Sciences, has received a three-year, \$77,000 grant from the National Science Foundation for research titled "An EPR Spectrometer for Innovative Advanced Laboratory Instruction." Washington University gave an equal match, for a total of \$144,000. ...

EnCouncil has named **Guy Genin**, Ph.D., assistant professor of mechanical and aerospace engineering, Professor of the Year;

Michael Chapin, career development specialist, Adviser of the Year; and **Lloyd Vanwinkle**, support services coordinator, Staff Person of the Year. EnCouncil President Maggie Gierse presented plaques and cash awards of \$1,000 each at the Engineers' Honor Ceremony in April. ...

Jan P. Amend, Ph.D., associate professor of earth and planetary sciences in Arts & Sciences, has received a three-year, \$49,238 grant from the National Science Foundation for research titled "Collaborative Research: Ecophysiology of Deeply-Branching Bacterial and Archaeal Communities." ...

Ramesh K. Agarwal, Ph.D., the William Palm Professor of mechanical and aerospace engineering, has been awarded a grant of \$219,232 for "REU Site: Projects in Complex Fluids and their Applications," by the National Science Foundation.

Washington People

When Leah Merrifield left St. Louis and her job advising undergraduate business students at the University, she really didn't expect to be coming back — much less coming back to the same environment she left.

But 10 years after accompanying her husband, who took the head basketball coaching job at Emory University, she found herself back in St. Louis after a few stops along the way.

Now, she's special assistant to the chancellor for diversity initiatives, her third position during her second stint at the University. Upon her return in 1996, she advised full-time master of business administration students; then she served as director of community relations.

While some people are interested in their destination and how they get there, it appears that Merrifield is happy with going on the ride and trying different things.

"It illustrates to me that it's possible to have a really rich career at Washington University," Merrifield says. "When I was looking for new opportunities for growth, I wasn't limited to what was in the business school; I was able to look



Leah Merrifield, special assistant to the chancellor for diversity initiatives, chats with Jill Edwards, project manager in the University's administrative offices. "Leah cares deeply about expanding diversity and building community," Pam Lokken says. "Her commitment to both of these challenges is what gives me great confidence that the University will advance its aspirations in both areas."

BY ANDY CLENDENNEN

Cultivating opportunities

Leah Merrifield strives for improving diversity throughout the University

Leah Merrifield

Hometown: Chicago

Family: Husband Lloyd Winston, daughter Rachel Winston

Hobbies: for which she has more time now that Rachel has moved on to college: Traveling, reading, enjoying life and planning for Christmas in Bermuda.

On what she thinks the public perception of WUSTL is: "I think it depends on who you talk to. Overall, my assessment is that our neighbors and people in the region have a positive impression of Washington University. There are always some people who just want to complain about things, but I think even our most ardent critics recognize the economic value and stability we bring to the region."

beyond the walls of Simon Hall and got the opportunity to work with Pam Lokken (vice chancellor for government and community relations)."

And what an opportunity it was. During her years in that office, Merrifield was involved with such issues as acquiring the property that would become North Campus; the seemingly endless construction projects; and yes, of course, the MetroLink expansion.

But perhaps leaving the business school for this new venture wasn't such a stretch.

"It was a switch, but at the same time, there were many aspects that were similar," Merrifield says. "The environment in the business school is really one that is driven by what we call customer satisfaction, and my job was to work very closely with the full-time M.B.A. students to understand what their needs were."

"When I saw the community relations job, what I thought I saw in it was the opportunity to use the same kind of skills. It was really a kind of position where you were one of the more public faces for the University for certainly the surrounding communities and to a certain extent other organizations in the St. Louis region."

According to Merrifield, it was about listening to concerns about the neighborhood, the University's role in the region and helping articulate that role and position to the constituents, listening to their

needs and responding appropriately. Usually.

She's quick to point out that sometimes when someone voiced a concern, there was nothing to be done to ease that person's angst.

"We're all human beings and Washington U. is the 800-pound gorilla for the surrounding neighborhoods; we are right in their back yard," she says. "We have been here for more than 150 years."

Then came a day for which she wasn't exactly prepared: the principal came to her office.

Chancellor Mark S. Wrighton came across the hall in North Brookings, knocked on her door and caught her a little off-guard.

"When I met with him in the past, I'd go to his office," she laughs. "I mean, he's the boss, so to have him come into my office unannounced, my brain is thinking 'What did I do?'"

"But I got over that and listened to what he wanted to do, and why, and how he thought I could help him. The more he talked about what he wanted to do and the more I saw his commitment and passion, the more I thought 'Yeah, that sounds interesting and could have a different kind of impact for our students, faculty and staff.'"

What Wrighton wanted was for Merrifield to take a new role with the University — that of special assistant to the chancellor for diversity initiatives.

The goal, in part, was to apply new energy and creativity on the campus to build a stronger faculty and staff by strengthening diversity and improving gender balance where that is an issue.

"Leah has spent the last year applying new energy and giving new life to our approach to diversity," Wrighton said. "She is laying the groundwork for what may be one of the most important and far-sighted initiatives this University has ever created. I value her contributions to this effort and her dedication to the mission of the University."

While steady progress in strengthening diversity had been made over the past few years, a recent accreditation review by the North Central Association's Higher Learning Commission concluded that the University had not done as much in this area as it

had done in other important areas that have contributed to the University's success.

So, Wrighton asked each school and major administrative area to designate a person to serve as a point person in connection with the renewed effort to strengthen diversity.

And he wanted Merrifield to coordinate this group.

"Leah cares deeply about expanding diversity and building community," Lokken says. "Her commitment to both of these challenges is what gives me great confidence that the University will advance its aspirations in both areas."

It didn't take long for Merrifield to accept the chancellor's offer, in large part because of his commitment and passion.

The immediate goal was enhancing the diversity of the faculty and senior administrative staff. So, the past year was spent taking a snapshot of where the University stands in terms of numbers, percentages of women and people of color it has in different roles, and also "comparing Washington University to schools that we like to compare ourselves with to see where we stand."

According to Merrifield, there were no big surprises upon the first review's results.

Everyone knew the University needed to do a better job of enhancing diversity.

And along the way, they learned that there is no one solution.

"What works at the law school might not work for social work," she says, "then you have Arts & Sciences and that covers everything from art historians to physicists. It's really dependent on the schools and disciplines."

And some more so than others. With a place like the School of Medicine, it's not a "pipeline" issue of finding women faculty members who have the credentials and experiences to be senior administrators.

But in disciplines such as engineering, or architecture where both women and people of color are underrepresented, the pipeline certainly is an issue.

"What I find particularly commendable about Leah is that, even though she has been appointed the head of the committee, she often seems in practice to be more our spiritual center than any hierarchical leader, and I appreciate that kind of leadership," says Bob Hansman, associate professor of architecture in the Sam Fox School of Design & Visual Arts.

"She also seems to lead with her head and her heart both; she seems to be the right balance of vision plus the necessary nuts and bolts."

"She will not tolerate obstructionism or excuses, but she is also very encouraging rather than punitive in her approach to solving problems, and she expects us to be the same. If one truly cares about an issue like diversity, this seems to me to be the right approach: to get people to value the notion as much as you do, and for all the right, positive reasons."

Which is definitely what's needed in this position, because according to Merrifield, there is a much bigger piece of the diversity pie that needs to be worked out before realizing success.

"It's not so much how we can recruit people from different backgrounds," she says, "but what will we do once they are here to retain them? We really want this to be a place that people are successful and they can grow and thrive as researchers and teachers and administrators."

"Then, when they have wonderful success and other institutions come calling, they won't feel the grass is any greener anywhere else."

So far, in just over a year on the job (her position was effective July 1, 2005), she admits it's too early to perceive any major shift in diversity.

Most of the past year has been a learning curve and much time has been spent on communicating internally the goals of the initiative across disciplines at the University.

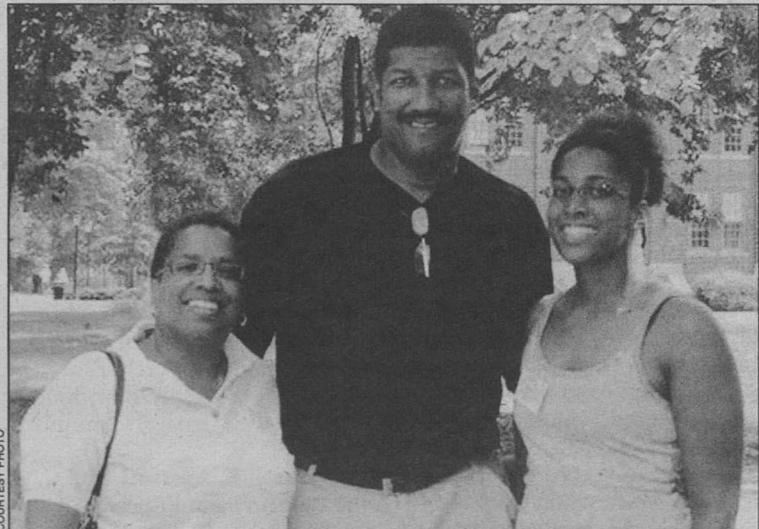
"It's about creating a culture here where everyone feels valued," she says. "And what you need and what I need might be different, but neither one is better — they are just different."

And while she's served in several capacities in two different stints here, she thinks she may have finally found a permanent home as special assistant for diversity initiatives.

"As long as I'm providing value to the institution, I'd like to continue doing it," she says. "I think it's very important work — we want to remain competitive."

"Look at the census — the population is shifting, so the pool of students, faculty and staff members is evolving. If we're not prepared to deal with that, we're going to be left behind."

"And Washington University is not a place that's going to be left behind."



Leah Merrifield (left), her husband Lloyd Winston and daughter Rachel Winston in early August, when Rachel moved to Davidson College. "We went through new parent orientation," Merrifield says, "and it was kind of weird to be on the other side of that. Having planned a number of orientation programs myself, it was interesting to be on the receiving end."