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Four to receive honorary degrees at 135th Commencement ceremony

Jane Alexander, chairman of the National Endowment for the Arts (NEA) and this year's Commencement speaker, will receive an honorary degree along with three other individuals during Washington University's 135th Commencement on May 17.

The University will bestow degrees on about 2,383 students during the ceremony, which begins at 8:30 a.m. in Brookings Quadrangle.

In addition to Alexander, the other honorary degree recipients are Charles F. Knight, chairman, president and chief executive officer of the St. Louis-based Emerson Electric Co. and a major University supporter; molecular biologist and University alumnus James E. Darnell Jr., M.D., whose group in the 1960s provided the first evidence for RNA processing, now known to be an essential step for retrieval of information from DNA; and University alumnus Chia-Wei Woo, Ph.D., a prominent theoretical physicist and founder and president of the Hong Kong University of Science and Technology.

Jane Alexander

Bringing the arts to the people

Alexander, an award-winning actress, producer and author, will receive an honorary doctor of fine arts degree. She has championed the arts with grace, courage and eloquence for more than 35 years. She has taken her message about the importance of the arts to an even broader audience as NEA chairman. President Clinton nominated Alexander in the summer of 1993 to become the NEA's sixth chairman. Since



Jane Alexander

For more information on Commencement Week activities, see the Calendar on page 4.

her unanimous confirmation by the U.S. Senate and subsequent swearing-in ceremony on Oct. 8, 1993, she has served as a tireless and effective advocate for the arts in a time of shrinking budgets and shifting national priorities.

Taking up President Clinton's challenge to "renew America," Alexander has shown how the arts can boost local economies, prevent youth violence and drug abuse, impact educational reform and enrich the cultural fabric of a community.

Six months after taking office at the NEA, she convened the first national arts conference organized by the federal government. More than a thousand artists and administrators attended "Art-21: Art Reaches Into the 21st Century" in Chicago to share information and explore new ideas about the future of the arts in America. From this dialogue and her exploration of the state of the arts across the country, Alexander developed priorities for investing in communities, education, new technology, preservation of our heritage and partnerships for the arts.

The success she has achieved so far in her current public service role can be added to her long list of accomplishments as a film and stage actor, producer and author. Alexander, who has received six Tony Award nominations, four Academy Award nominations and five Emmy Award nominations, won a Tony for "The Great White Hope" and an Emmy for "Playing for Time." She attended Sarah Lawrence College in Bronxville, N.Y., and the University of Edinburgh in Scotland.

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Artists at work

Anne Croy, a junior painting major, checks a detail on her mural design that was selected to grace a wall at the Missouri Veterans Home in north St. Louis County. Croy and fellow students in an "Intensive Color" class taught by William Kohn, professor of art, spent several days a week last month painting the 65-foot-long mural. Kohn is profiled this week in the Record's "Washington People" feature on page 3.

Grade schoolers get dose of confidence-building from undergraduate students

Sophomore Laurene Siklóssy is helping fourth- and fifth-graders in south St. Louis build their academic confidence.

Siklóssy, majoring in social thought and analysis (STA) and Spanish in Arts and Sciences, is taking an undergraduate course this semester called "Methods and Reasoning in the Social Sciences II," a three-credit course required of STA majors.

As part of the course, the 12 students in it have traveled to the Sigel Elementary Community Education Center in Fox Park twice a week to teach youngsters how to conduct writing assignments on computers. The fourth- and fifth-graders are taking part in an after-school computer

literacy club run by the students in the STA course. James V. Wertsch, Ph.D., Distinguished University Professor and chair of the Department of Education in Arts and Sciences and professor of social thought and analysis, created and teaches the course, which is being offered for the first time.

Throughout this semester, the undergraduates have shown the Sigel students how to write brief articles on their favorite topics and how to compose poems, songs, entertainment reviews and picture- and word-search games — all on IBM-compatible Zenith computers. The Sigel students' works, complete with bylines, have been published in three editions of the Sigel Star, the school newspaper produced

by the computer literacy club. Recent issues of the newspaper have contained articles on topics such as sports, reviews of computer academic games, the Sigel cheerleaders and rap music. The elementary students participate in the computer literacy club on a voluntary basis.

By taking the course, "we're not only learning but having an impact on the kids. That's really important," Siklóssy said. "Normally, they just play computer games. Now, they're learning the process of writing, and many really have improved. Producing a newspaper that is distributed to the entire school has helped them become more confident academically. They are building self-esteem."

The fourth- and fifth-graders recently

toured the Washington University campus and visited the Student Life newspaper offices, with Wertsch and the STA students serving as hosts. The field trip, along with weekly interaction with the STA students, has "introduced some of the Sigel students to the idea of attending college. They've asked us a lot of questions, like, 'Is college hard?'" noted Siklóssy.

The STA students' last session at Sigel was April 18, and Siklóssy has thoroughly enjoyed the experience. "You can only do so much reading. Hands-on is a lot more exciting. It teaches you a lot more," she noted.

Senior Jennifer Link, majoring in STA

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University volunteers help make April Welcome successful

April Welcome — the annual monthlong event in which prospective students visit the Washington University campus — delivered this year like a finely tuned orchestra, hitting all the right notes and concluding to a standing ovation.

About 900 high school seniors made reservations to attend April Welcome activities, said Pamela Wiese, associate director of undergraduate admission.

Moreover, Multicultural Celebration Weekend from April 11-14 drew 250 additional high school seniors. They experienced both the academic and recre-

ational components of life at the University, formed budding friendships, and ended their weekend on an enthusiastically high note.

"See you in August," many visitors exclaimed to their University hosts.

A number of new initiatives contributed to April Welcome 1996. In March, prospective students were mailed an invitation package bound in booklet form — along with their admittance package — that included a comprehensive calendar of events, course listings and a parking permit. Check-in and campus tours were more streamlined, said Wiese. Also,

bus tours of Forest Park, the Central West End and The Loop were offered to provide prospective students and their parents with a feel for the areas surrounding the University.

Other added features included a reception and panel discussion with Chancellor Mark S. Wrighton, Ph.D., and James McLeod, vice chancellor for students and dean of the College of Arts and Sciences, and a tour of a private art collection.

"The really special thing about April Welcome each year is the involvement of the whole campus," said Wiese. "I think

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Students place first and seventh, respectively, in state and national competitions

Medical Update



Screening for hypertension

First-year medical student Michele Wilson, left, takes Sally Wilson's blood pressure at a hypertension screening at the Older Adult Service and Information System (OASIS) in Clayton. As part of the School of Medicine's Hypertension Screening Program, Wilson and 50 other students have visited primary schools, community colleges, job sites and health fairs. The program has evaluated more than 600 people to date.

May 15 symposium focuses on infertility, recurrent miscarriage

For many couples, having a baby is one of life's most treasured moments. But other couples, despite months of trying to conceive, face problems becoming pregnant or suffer from repeated miscarriages.

For those interested in learning more about pregnancy problems, reproductive endocrinologists at the School of Medicine and at Barnes-Jewish Hospital are sponsoring a free public symposium, "When Having a Baby is Difficult." During the symposium, board-certified infertility specialists will discuss the causes of infertility and the latest treatments available. Afterward, the specialists will be available for small-group discussions or individual consultations.

The symposium will be held from 6:30 to 9 p.m. May 15 in the Eric P. Newman Education Center, 320 S. Euclid Ave., on the Medical Campus. Reservations are required and can be made by calling 362-9355.

An estimated 15 percent of married couples experience some degree of infertility, said Randall Odem, M.D., associate professor of obstetrics and gynecology at the School of Medicine. "It's very devastating for couples who want to have children to find out they can't get pregnant right away," he said. "The sad thing is that many couples either are afraid to seek a specialist's help or they believe nothing can be done. In a majority of cases, however, something can be done."

During the past several decades, great strides have been made in the diagnosis and treatment of infertility. Of those couples in whom a cause of infertility can be identified, more than 50 percent can be treated successfully with medical or surgical techniques.

There are numerous causes of infertility. Men can have little or no sperm or have defective sperm. Women may have pelvic problems such as endometriosis, obstruction of fallopian tubes or fibroid tumors. Many women also suffer from problems that prevent them from ovulating regularly.

"Our experience shows that we can identify causes of infertility in more than 80 percent of our patients," Odem said. "And with proper diagnosis and aggressive therapy, we can help many couples have a baby."

Genetic blueprint

International collaborators announce complete DNA sequence of yeast

On April 24, School of Medicine researchers were among the international collaborators who announced that they have deciphered the complete genetic instructions for making a cell of yeast.

The announcement took place at a news conference at the National Center for Human Genome Research at the National Institutes of Health in Bethesda, Md., and at a news conference in Brussels, Belgium.

The achievement marks the sequencing of the largest genome to date — more than 12 million base pairs of DNA — and it provides the first sequence of an organism whose cells are like those of humans.

"Now we know for the first time all the genes it takes to make a simple eukaryotic cell," said H. Mark Johnston, Ph.D., associate professor of genetics and organizer of the St. Louis portion of the project. Eukaryotes include all organisms except bacteria. Their cellular hallmark is a nucleus.

"Yeast is a superb model for understanding the basic functions of human cells, which have to do nearly everything yeast cells do," Johnston added. "As the human genome is sequenced, we will be able to compare human genes with those of yeast. When a similar gene is located, its function in humans can be deduced through experiments with yeast, which is much more amenable to genetic manipulation."

This strategy already has uncovered the functions of several human disease genes. For example, experiments with yeast revealed that a recently discovered gene that raises the risk for one type of colon cancer normally is involved in repairing damage to DNA.

The quest to interpret the genome of yeast, *Saccharomyces cerevisiae*, began in the 1950s when Robert K. Mortimer, Ph.D., at the University of California-Berkeley began to genetically map all of the genes on the organism's 16 chromosomes. The second phase began in the early 1980s when Maynard V. Olson, Ph.D., then at the School of Medicine,

created a physical map of the yeast genome by cloning overlapping DNA fragments. This map provided the starting point for the final phase, which has determined the order of the approximately 12 million nucleotide building



H. Mark Johnston

blocks in the yeast genome. In genes, which account for 70 percent of the yeast genome, triplets of nucleotides act as code words. They specify the order of amino acids in proteins, which provide the structure and machinery of the cell.

The yeast sequencing began in 1989 under the direction of André Goffeau, Ph.D., a biochemist at the Catholic University of Louvain-La-Neuve in Belgium who coordinated a network of more than 70 laboratories in the European Union. The Europeans sequenced 55 percent of the genome; 17 percent was sequenced at the Sanger Centre in England; 15 percent at Washington University; 7 percent at Stanford University; 4 percent at McGill University in Canada; and 2 percent at The Institute of Physical and Chemical Research (RIKEN) in Japan.

Washington University performed the sequencing in its Genome Sequencing Center, under the direction of Robert H. Waterston, M.D., Ph.D., the James S. McDonnell Professor of Genetics and head of the Department of Genetics, and Richard K. Wilson, Ph.D., associate director of the center and research associate professor of genetics. "This is a major milestone in the Human Genome Project," Waterston said. "The spirit of cooperation among laboratories throughout the world sped the completion by as much as two years."

The group sequenced all of chromosome VIII and parts of chromosomes IV, XII and XVI. Johnston annotated the sequences and made them freely available via GenBank, a repository main-

tained by the National Center for Biotechnology Information in Bethesda.

The St. Louis project began in July 1993, when Waterston received a \$29.7 million grant from the National Center for Human Genome Research (NCHGR). As well as funding the St. Louis yeast project, the grant is enabling the Genome Sequencing Center, in collaboration with the Sanger Centre, to sequence the entire genome of the roundworm. To date, the St. Louis group has sequenced almost 40 million of the 100 million base pairs in the worm's genome. Earlier this month, the NCHGR awarded the School of Medicine a three-year \$24 million grant for human genome sequencing.

The yeast chromosomes were sequenced from tip to tip with no gaps, and both strands of the double helix of DNA were analyzed, resulting in an accuracy rate of more than 99.99 percent.

The biggest surprise was that more than half of the 6,000 genes uncovered during the sequencing were unknown, despite decades of intense scrutiny by yeast geneticists.

Preliminary studies suggest that a large proportion of yeast genes code for nuclear proteins, such as transcription factors that turn other genes on and off. Genes for membrane proteins that ferry substances in and out of the cell also are well represented.

The next challenge will be to figure out the precise functions of all of the genes in the yeast genome. The European Union has launched a systematic effort by giving each lab a set of genes to mutate. The researchers will look at the effect of each missing gene on the organism's day-to-day activities. Johnston is pursuing a similar approach, disrupting each of the 268 genes on chromosome VIII so he also can deduce normal gene functions. A combination of systematic and traditional genetics should be a powerful approach, he believes. "Once we understand the role of every gene," he said, "we nearly will have solved the puzzle of a simple eukaryotic cell."

— Linda Sage

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Washington

WASHINGTON UNIVERSITY IN ST. LOUIS

Washington People

Kohn travels a colorful artistic journey

Artist William Kohn bustles back and forth in front of a large colorful mural that's taking shape in the Missouri Veterans Home.

One moment, he's hoisting a ladder into place for one of his students to reach an awkward spot; then he's fixing a flaw in the American flag design. "Be sure you have a wet rag to pick up the drips," he calls out to the young artists climbing about the scaffolding.

Kohn's enthusiasm for the 65-foot-long mural at the veterans home in north St. Louis County flows like the gallons of bright paint that have transformed a white wall into a vibrant mural. It's the same kind of enthusiasm he has poured into more than three decades of teaching at the School of Art. The renowned artist and professor of art will retire this spring after 33 years at Washington University.

"Just because I'm retiring doesn't mean I'm slowing down," he said with a laugh from his airy studio in the Skinker-Debaliviere neighborhood. "All of my energies will go into art instead of teaching. I know I'll miss teaching. I expect that and am prepared for that. But there will be other things to take its place."

Kohn has never lacked for projects to fill his time outside the classroom. Whether it's painting a scene from atop a steep mountain peak in Machu Picchu, Peru, or zipping around India on a motor scooter, Kohn lives life with passion and gusto.

"I love to paint and love to live ... and love to combine them together," said Kohn, reflecting on his prolific and varied career. "I'm probably happiest when I'm out in the sunlight doing a watercolor at a magnificent place, like at the bridges of Paris or at Machu Picchu."

Machu Picchu, the ruins of an ancient Incan city high up in the remote Andes Mountains, is the subject of Kohn's latest project. The paintings will take at least the next two years to complete, he said, and will require several trips to South America. During one of these journeys, he plans to climb to the summit of the highest peak and paint the ruins looking down — a perspective he made famous in paintings depicting rooftops in St. Louis, Chicago and Guadalajara, Mexico.

The Machu Picchu series follows several critically acclaimed series of paintings, including the pyramids of Oaxaca, Mexico; the landscapes of the Grand Canyon; and most recently the bridges of Paris. As before, his latest canvases of Machu Picchu will fill with vibrant colors, dramatic lines and majestic subjects. "It's a combination of geometric shapes and landscape," he said of the work under way. "But these paintings represent the most spectacular type of landscape."

Working from small watercolor and charcoal sketches, Kohn re-creates the paintings on the large canvases. It's the changeability from conception to completion that makes painting so exciting, Kohn said. The process is not without its periods of struggle and depression, however. "There are times when I think I'm going to lose it. When you're losing eight-by-eight feet, you're losing a lot," he said of the canvases. "It just takes sticking with it and pulling it through those down periods."

"I have no idea where this series is going yet," Kohn continued as he pointed out details on a large partially completed painting of the ruins spilling down the mountainside. "It's nice to have a formless thing where it kind of shapes itself."

Whatever shape it takes, it's sure to be enormously well-received, said Elliot Smith, owner of the Elliot Smith Contemporary Art gallery and long-time dealer of Kohn's works. A new Kohn show is a much-anticipated event in St. Louis, Smith said. Most of the paintings will sell well before the show closes, he added. Kohn is unique among the many well-known artists Smith represents at his gallery.

'One Bill Kohn is not enough'

"Bill is one of the few artists with a significant repeat clientele," Smith said. "It's an unusual phenomenon. They always come back for more. They are kind of addicting in a way. One Bill Kohn is not enough. People take one look and fall in love with his work."

Art lovers across the country have fallen under this spell at Kohn's numerous group and one-person shows, including a "Currents" exhibition at the Saint Louis Art Museum in 1980. Some of his other major exhibitions included one-person shows at the Jan Cicero Gallery in Chicago; the University of Baroda in India; the Casa de la Cultura in Oaxaca; and The Alcazar in Seville, Spain.

Thousands more view his paintings every day on permanent display in public buildings throughout the area and in permanent collections at museums and universities nationwide. Others have enjoyed Kohn's work through his collaborations with musicians, dancers and poets at a number of highly successful multimedia art performances.

Smith said part of Kohn's appeal lies in his ability to truly capture a "sense of place" in his paintings. "He manages to express the essence and spirit of his subject," Smith said. This comes from his mastery of color, which is executed with courage and boldness, Smith explained. "The paintings have a kind of energy and virtuosity," he



William Kohn makes a point to a group of students about his latest painting of the ruins of Machu Picchu in Peru.

"I love to paint and love to live ... and love to combine them together."

said. "This comes from his own personality." A personality that has taken Kohn on a remarkable personal and artistic journey across the world.

Kohn was born in 1931 to a family of grocers in St. Louis' West End — where he still lives today. His father eventually entered the commercial real estate business, but the young Bill made it clear he had no desire to follow suit. His creative talents were encouraged by his parents, who accepted Kohn's artistic goals because he planned to pursue a career in graphic design. This promised a good job with a steady salary, Kohn explained. And so at the century's midway point, he enrolled in the Washington University School of Fine Arts, from which he received a bachelor's degree in 1953.

After graduation, Kohn put any immediate career plans on hold and followed his wanderlust to Europe, where he supported himself on a Milliken Foreign Travel Fellowship. During his stay, he studied printmaking at Atelier 17 in Paris with master printmaker Stanley Hayter. Shortly after returning to the United States in 1954, the U.S. Army pulled his number and sent him back to Europe. Kohn spent his weekends during the next two years exploring and painting the towns and cities of France and Spain.

Back in the States, he followed the sun — and a thriving expatriate community — to Mexico City, where he studied Spanish on the GI Bill. "I love the southern countries," Kohn said, noting his particularly strong feelings for Mexico. "I like the warmth. The people are warmer. Mexican music is wonderful. People come out and walk the streets in the evening."

While admitting life was very good in Mexico City — even on his \$55 a month GI Bill stipend — Kohn heeded the urge to return to the United States for more formal artistic studies. He headed north and enrolled in the art

program at Mills College in Oakland, Calif., from which he received a master's degree in 1960. With his newly acquired credentials — and a new bride — he set out on a glamorous career in the Hollywood cartoon industry.

The young artist helped bring life to such wily characters as Biggy Rat, Itchy Brother and Tooter the Turtle. "I loved it," Kohn said of the experience. "It was very fast-paced and exciting."

But the siren song of faraway places beckoned once again. In 1962, Kohn and his wife, Patricia, boarded a Japanese freighter heading west across the Pacific Ocean on an 18-month, 23-country excursion around the globe. "Travel is so enriching," Kohn said of his journeys to Asia, the Middle East, Europe and South America. "I was blown away by India and all of the temples and fortresses."

I was just painting them for fun. ... It was just an attraction at the time."

He didn't realize such paintings soon would become the focus of his career. The days of Biggy Rat were numbered. Arriving back in the United States in 1963, Kohn got a call from Washington University to teach for one year in the School of Art — then called the School of Fine Arts.

"I used to say the only way I'd come back to St. Louis would be to teach at Wash. U. I thought, well, one year couldn't hurt. It turned into 33," said Kohn, who with his wife has raised two children.

But over the years, his lust for new places and experiences never ebbed.

In 1966, Kohn jetted off to India for 10 months on a Fulbright Scholarship to paint and explore the country. He and Patricia traversed much of India on the back of a motor scooter. Wherever they stopped, huge curious crowds would gather to watch him paint and examine the scooter, he recalled. Patricia Kohn, who is a writer, documented the journey in the Winter 1967 issue of the Washington University Magazine and Alumni News. The story was illustrated with Bill Kohn's watercolors. "It was an amazing experience," Kohn said, noting that it ranks among the highlights of his life — in addition to his teaching career at the University.

Kohn praises the School of Art for giving him the chance to nourish young minds and at the same time pursue his art. "I like the students. I enjoy being with them, challenging them, seeing them learn. And to be creative at the same time," Kohn said. "To have the time to go back and forth from this

studio to the classroom is so rich to me."

One of Kohn's areas of expertise lies in the field of color theory. He said it is a basic fundamental for almost all artistic media. But, unfortunately, it is taught less and less in art schools across the country, he noted. Kohn has received wide recognition for his ground-breaking work with color theory on the computer. He noted, however, that computers have a limited place in art.

"It's a great tool, but like the photograph, it has not killed art or painting," Kohn said. "The more I use it, the more I realize sitting in front of a computer screen can't compare to standing in front of an eight-foot canvas."

'Someone you can't replace with one person'

Joe Deal, dean of the art school, described Kohn as "one of the best teachers we have." Deal noted that Kohn's contributions span many diverse areas, including color theory, drawing and painting. "It's not often you find someone with that combination," Deal said. "He's someone you can't replace with one person."

"It's not just the knowledge he possesses," Deal continued. "He makes it come alive. He's a very effective teacher of difficult subjects. Bill Kohn is an artist who knows and uses the things that he teaches."

Kohn has been recognized by the University for his outstanding teaching. He was the 1987 recipient of the Founders Day Distinguished Professor Award, presented for his work in the School of Fine Arts.

Students in his current "Intensive Color" class echo his past accolades. Sophomore Cathy Schmitt described Kohn as "amazing." Schmitt said he is always very excited about what he teaches. "He's so interested and involved," she said. "He breaks things down so it's easy to learn."

Kohn noted that his students will face an incredibly competitive art world after graduating, much more so than after his schooling. "It's a very rough world to be entering," Kohn said. "They have to be prepared to have a hard time and possibly to find other ways to earn livings."

But despite the challenges, Kohn wouldn't have it any other way. "It's the most rewarding life I can imagine," he said.

— Neal Learner

Calendar

May 2-11



Exhibitions

"Currents 66." Paintings and collages by Michael Byron, visiting artist in the School of Art. Through May 19. Gallery 337, Saint Louis Art Museum. 721-0072.

"M.F.A. Thesis Exhibition." Through May 5. Gallery of Art, Steinberg Hall. Works available for purchase. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. 935-4761.

"B.F.A. Show." Opening reception: 5-7 p.m. May 10. Exhibit runs through May 19. Gallery of Art, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. (See story, page 5.) 935-4761.

"The Stanley Elkin Show." Through May 31. Special Collections, Olin Library, Level Five. Hours: 8:30 a.m.-5 p.m. weekdays. 935-5495.

"Core Show." An exhibit of works by first- and second-year art students. Opening reception: 5-7 p.m. May 3. Exhibit runs through May 10. Bixby Gallery, Bixby Hall. Hours: 10 a.m.-5 p.m. weekdays; noon-4 p.m. weekends. 935-6500.



Lectures

Thursday, May 2

11:15 a.m. Social work lecture. "Power Analysis: Steps in Calculating Power for a Research Proposal," Edward L. Spitznagel, prof. of mathematics. Room 353 West Campus Administrative Center. 935-5741.

4 p.m. Anatomy and neurobiology lecture. The 41st annual Robert J. Terry Lecture. "The Molecular Biology of Smell," Richard Axel, Dept. of Biochemistry and Molecular Biophysics, College of Physicians and Surgeons, New York. Moore Aud., 660 S. Euclid Ave. 362-7043.

4 p.m. Chemistry seminar. "Fundamentals and Applications of Au Colloid Self Assembly," Michael J. Natan, asst. prof. of chemistry, Pennsylvania State U., University Park. Room 311 McMillen Lab. 935-6530.

4 p.m. Earth and planetary sciences colloquium. "Boundaries of Sustainable Development," E-an Zen, adjunct prof., Dept. of Geology, U. of Maryland, College Park. Room 362 McDonnell Hall. 935-5610.

4:15 p.m. Philosophy lecture. "Free Will," Dennis Stampe, prof. of philosophy, U. of Wisconsin, Madison. Hurst Lounge, Room 201 Duncker Hall. 935-7148.

Friday, May 3

9:15 a.m. Pediatric Grand Rounds. "Movement Disorders of Childhood and the Role of the Basal Ganglia in Motor Control," Jonathan W. Mink, instructor in neurology. Clopton Aud., 4950 Children's Place. 454-6128.

9:30 a.m. Cardiothoracic surgery lecture. "A Review of Cardiac Surgical Cases," Robert B. Wallace, prof. of surgery and chief, Division of Cardiothoracic Surgery, Georgetown U. Hospital, Washington, D.C. West Pavilion Aud., Barnes-Jewish Hospital. 362-8020.

Noon. Cell biology and physiology seminar. "Possible Involvement of Phospholipase D in Intracellular Transport," Nicholas Ktistakis, instructor in biochemistry, Southwestern Medical Center, Dallas. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

6 and 8:30 p.m. WU Association Travel Lecture Series. "Scotland," Fran Reidelberger, former newspaper editor and

Commencement Week

The following are activities scheduled during Commencement Week, which runs from May 9-17. For more information, call the Commencement Hotline at 935-4355. Activities for May 11-17 will be printed in the next issue of the Record.

Thursday, May 9

9 p.m. Freshman Floor Reunions. Visit your former floormates where it all began. Food provided by the Senior Student Association. Locations to be announced.

10 p.m. Last Rat Nite Ever. Dance with your friends and win prizes. The Umrathskeller.

Friday, May 10

5 p.m.-midnight. Loop Night. Enjoy senior-class discounts at area establishments in The Loop.

travel film producer. Graham Chapel. Cost: \$4.50. 935-5212.

Saturday, May 4

9 a.m. Surgery lecture. "Physician Workforce in an Evolving Health-care System," George F. Sheldon, the Carl A. Moyer Visiting Professor of Surgery, and prof. and chair, Dept. of Surgery, U. of North Carolina, Chapel Hill. Steinberg Hall Aud.

Monday, May 6

10 a.m. Systems science and mathematics lecture. Seventh annual Zaborsky Lecture Series. "The California PATH Program on Intelligent Transportation Systems," Pravin Varaiya, prof. of electrical engineering and of computer science and director, California PATH Program, U. of California, Berkeley. Room 100 Cupples II Hall. 935-6001.

Tuesday, May 7

10 a.m. Systems science and mathematics lecture. Seventh annual Zaborsky Lecture Series. "The National Automated Highway Systems Consortium," Pravin Varaiya, prof. of electrical engineering and of computer science and director, California PATH Program, U. of California, Berkeley. Room 100 Cupples II Hall. 935-6001.

Wednesday, May 8

6:30 a.m. Anesthesiology Grand Rounds. "New Strategy in Acute Lung Injury Support," D. Payen DeLaGaranderie, Hospital Universitaire Lariboisiere, Paris. Wohl Hospital Bldg. Aud., 4960 Children's Place. 362-6978.

8 a.m. Obstetrics and Gynecology Grand Rounds. "Asthma in Obstetrics and Gynecology," Jozsef Zority, chief resident in obstetrics and gynecology. Clopton Aud., 4950 Children's Place. 454-7886.

10 a.m. Systems science and mathematics lecture. Seventh annual Zaborsky Lecture Series. "Hybrid Systems," Pravin Varaiya, prof. of electrical engineering and of computer science and director, California PATH Program, U. of California, Berkeley. Room 100 Cupples II Hall. 935-6001.

4 p.m. Biochemistry and molecular biophysics seminar. "Protein Dynamics in Hemoglobin From Resonance Raman Spectroscopy," Thomas Spiro, prof. of chemistry, Princeton U. Cori Aud., 4565 McKinley Ave. 362-0261.

Thursday, May 9

4 p.m. Biology and biomedical sciences seminar. "Chromosome Translocations: Dangerous Liaisons," Janet D. Rowley, the Blum-Riese Distinguished Service Professor of Medicine and prof. of molecular genetics and cell biology, U. of Chicago. Erlanger Aud., McDonnell Medical Sciences Bldg. 362-3364.

4 p.m. Chemistry seminar. "A Binary Code for Protein Design: Novel Proteins by the Dozen," Michael Hecht, assoc. prof. of chemistry, Princeton U. Room 311 McMillen Lab. 935-6530.

4 p.m. Earth and planetary sciences colloquium. "Iron in the Earth's Core and Lower Mantle — From First Principles," Ronald Cohen, research geophysicist, Geophysical Laboratory, Carnegie Institution of Washington, Washington, D.C. Room 362 McDonnell Hall. 935-5610.

Friday, May 10

9:15 a.m. Pediatric Grand Rounds. The 14th Alexis F. Hartmann Sr. Lecture. "The Human Sex Chromosomes in Health and Disease, or Who Put the X in seX and why?" Larry J. Shapiro, the W. H. and Marie Wattis Distinguished Professor and chair, Dept. of Pediatrics, U. of California School of Medicine, San Francisco. Clopton Aud., 4950 Children's Place. 454-6128.

4 p.m. Biology seminar. Biology for the 21st Century Lecture Series. "Signaling and Defense Gene Activation in Plant/Fungus Interactions," Klaus Hahlbrock, Max-Planck Institute, Germany. Room 162 McDonnell Hall. 935-6860.



Music

Thursday, May 2

7:30 p.m. "Noise: An Hour of Experimental Music Compositions and Improvisations." Featuring students in the advanced composition workshop. Directed by Roland Jordan, assoc. prof. of music. West Campus Administrative Center rehearsal hall. 935-5581.

Friday, May 3

7 p.m. Indian classical violin music concert. Steinberg Hall Aud. 935-5581 or 878-6119.

8 p.m. Opera. "Four Centuries of Opera," directed by Jolly Stewart, instructor in applied music. Program: an excerpted version of Claudio Monteverdi's "Coronation of Poppea"; the opening of Act II of Mozart's "The Marriage of Figaro"; duet from Jules Massenet's "Cendrillon"; and a trio from Conrad Susa's "Black River." (Also May 4, same time.) Cost: \$4; free for Friends of Music members. Umrath Hall Lounge. 935-5581.

Sunday, May 5

8 p.m. Electronic music ensemble concert. Directed by Rich O'Donnell, instructor in music. Tietjens Hall rehearsal room. 935-5581.

8 p.m. Voice recital. Program: the music of Brahms, Purcell, Bellini and Rorem. Fea-

turing tenor Joseph Consiglio, a 1995 vocal performance graduate, and Gail Hintz, piano. Graham Chapel. 935-5581.

Monday, May 6

8 p.m. Piano recital. Program: Bach's "Chromatic Fantasy and Fugue"; Beethoven's Sonata Op. 10; Frédéric Chopin's Ballade in G minor; Maurice Ravel's "Sonatine"; and Samuel Barber's "Sonata." Features Jason Carney, a senior in the School of Architecture. Graham Chapel. 935-5581.



Miscellany

Thursday, May 2

9 a.m.-noon. School of Medicine Interactive National Video Telesymposium. "Management of CMV Retinitis: Clinical Consensus 1996." Breakfast/registration begins at 9 a.m.; broadcast begins at 10 a.m. Eric P. Newman Education Center. To register, call 362-2418.

7 p.m. Sexual-assault presentation. "Memory and Abuse: Surviving the Disputed Memory Controversy," Charles L. Whitfield, physician, author and psychotherapist. Steinberg Hall Aud. 727-4152.

Friday, May 3

11 a.m. Woman's Club spring luncheon and annual meeting. Cost: \$12. For location, call 862-6615 or 725-0372.

Continuing Medical Education conference registration deadline. "Alzheimer's Disease and Driving." Conference to be held at the Eric P. Newman Education Center on May 17-18. To register, call 362-6893.

Monday, May 6

7-10 p.m. Continuing Medical Education conference. "Internal Medicine Review." The topic is infectious diseases. Steinberg Amphitheater, The Jewish Hospital of St. Louis. To register, call 362-6891.

Friday, May 10

Summer School registration deadline. Your mailed or faxed registration for the Arts and Sciences 1996 Summer Session I (May 20 to June 7) must be received by May 10, or you may register in person through May 15 with an applicable late charge. Session I includes the following programs: African and Afro-American studies; anthropology; art; art history and archaeology; biology; drama; earth and planetary sciences; East Asian studies; economics; education; English; English literature; history; Japanese; music; philosophy; political science; psychology; religious studies; Spanish; and women's studies. For more info., class locations or to register, call 935-6777. Fax: 935-4847.

12:30-5:30 p.m. American Culture Studies Institute music workshop and seminar. "Miles Davis and American Culture II." Features a mix of critics, musicians and writers who will discuss the late Davis and his work. (Continues May 11.) West Campus Conference Center. (See story, page 6.) 935-5216.

April Welcome is factor in school choice — from page 1

everyone has been happy to join in or create activities because the visitors are so fantastic to work with. The excitement is really high all around."

Two hundred volunteers representing more than 20 departments on campus — and groups such as the Women's Society and alumni organizations — lent a helping hand. The overwhelming response from both volunteers

and visitors was amazing, said April Welcome organizers, acknowledging that more than half of the students who enroll at Washington University cite April Welcome as the determining factor in school choice.

"It looks as if we are well on our way to a great Class of 2000," said Nanette Clift, director of recruitment in the Office of Undergraduate Admission.

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— Nanette Clift

"It looks as if we are well on our way to a great Class of 2000," said Nanette Clift, director of recruitment in the Office of Undergraduate Admission.

— Cynthia Georges

Four honorary degrees to be conferred — from page 1

James E. Darnell Jr. Pioneer in molecular biology

Darnell, who will receive an honorary doctor of science degree, is a native of Columbus, Miss. He received a bachelor's degree in chemistry and biology from the University of Mississippi in 1951 and a medical degree from Washington University in 1955. After an internship on the Ward Medical Service at Barnes Hospital, he spent four years at the National Institutes of Health, working with Dr. Harry Eagle, a distinguished biological scientist, and an additional year at the Institut Pasteur in Paris, working with Francois Jacob, who subsequently was awarded a Nobel Prize.

After returning to this country in 1961, he joined the faculty of the Massachusetts Institute of Technology and, from 1964-65, was a professor of biochemistry and cell biology at the Albert Einstein College of Medicine. In 1968, he was appointed the Kempner Professor of Biological Sciences at Columbia University and, in 1974, moved to The Rockefeller University as the Vincent Astor Professor and head of the Laboratory of Molecular Cell Biology.

In the four decades since graduating from medical school, Darnell has compiled a remarkable record of contributions to molecular biology. His work has been focused on the way in which cells retrieve information from DNA, which resides in the genes and the cell nucleus. He collaborated with the late Nobel laureate Salvador Luria in editing two editions of the well-recognized textbook "General Virology" and also was the founding author of another leading text, "Molecular Cell Biology."

Darnell is the recipient of numerous honors, including election to the National Academy of Sciences and the American Academy of Arts and Sciences and election as a foreign member of the Royal Society of London.

Charles F. Knight Enhancing the WU community

Knight, who will receive an honorary doctor of science degree, is one of

America's most highly respected corporate leaders and a major contributor to the betterment of the University.

Since he became chief executive officer of Emerson Electric in 1973 and chairman of its board in 1974, Emerson's sales have increased approximately tenfold — to \$10 billion in fiscal 1995. His management expertise, insistence on continuous corporate planning, and energetic drive have developed Emerson into one of the world's leading manufacturers of electrical and electronic products and systems. The company has maintained a record of consistent financial performance, matched in length by no other American industrial manufacturing firm.

Knight's contributions to the University have been substantial. In 1980 and 1981, he chaired a task force that recommended further development and improvement of the John M. Olin School of Business, raising more than \$10 million for the school and working with other Olin Foundation directors to approve a \$15 million matching challenge grant to

build the school's endowment. His support has been reflected in the Emerson Electric Classroom; an annual recognition of the top 10 Olin master's of business administration (MBA) graduates, who are designated Charles F. Knight Scholars; a full Emerson Electric MBA scholarship; and the Emerson Electric Co. Professor of Manufacturing Management. Knight received the Dean's Medal in 1993 for the vision and leadership he has brought to the business school.

Knight also has been a major supporter of the academic and service mission of the School of Medicine. In 1992, he became chairman of the board of Barnes Hospital. In January 1996, Barnes and The Jewish Hospital of St. Louis merged to become Barnes-Jewish Hospital, a major teaching affiliate of the school and one of the world's best hospitals. Knight catalyzed the formation of BJC Health System, which includes Barnes-Jewish, the Missouri Baptist Health System and St. Louis Children's Hospital. BJC is the largest academically affiliated nonprofit health system in the United States.

Knight is a graduate of Cornell University in Ithaca, N.Y., where he earned a bachelor's degree in mechanical engineering and an MBA.

Chia-Wei Woo

Bridge-builder between countries

Woo, who will receive an honorary doctor of science degree, is a highly



Chia-Wei Woo

United States citizen who was born in Shanghai, China. Woo came to this country in 1955 from Hong Kong to attend Georgetown College in Kentucky.

After receiving a master's degree in 1961 and a doctorate in physics in Arts and Sciences in 1966, both from Washington University, he went on to become chair of a highly respected physics department, provost on a major University of California campus and ultimately the first Chinese-American to be appointed president of a major American university. In 1988, Woo left the United States and returned to Hong Kong, where he became founding president of the Hong Kong University of Science and Technology.

Woo's challenge at the new university is to help shape the future of Hong Kong and the Pacific Basin and, with his wide experience and many contacts, bridge the gap between East and West. His focus there is to build the science, engineering, business and management programs, make them available to young Hong Kong intellectuals and entrepreneurs, and vault Hong Kong into a vital role in technology cooperation between industrial nations and the rapidly developing world.

He said he is indebted to his doctoral thesis adviser, the late Eugene Feenberg, Ph.D., the Wayman Crow Professor of Physics, and to John W. Clark, Ph.D., professor of physics at the University, who Woo refers to as a "caring brother during my graduate school days."

Woo received the University's Distinguished Alumnus Award at the 1991 Founders Day banquet. His wife, Yvonne, is a 1962 graduate of the College of Arts and Sciences.



Sophomore Laurene Siklóssy, left, helps fourth-grader Teri Carlis with her writing assignment at the Sigel Elementary Community Education Center in south St. Louis. Looking on is James V. Wertsch, Ph.D.

STA outreach to continue next fall — from page 1

and psychology in Arts and Sciences, agreed. "I think it was a good idea to have a class where students are doing a social-service activity. It gets other people involved who may not have done any social-service projects before," she said. "Working with kids is a very rewarding experience. It's fun hanging out with them. They look forward to us coming. That's a nice feeling."

Link, who plans to pursue a master's degree in social work after graduation, said the class has been a good learning experience for her. She is determining what social work field to pursue but considers family counseling an option. "If I do decide to work with kids, I'll have a better idea what works and what doesn't because of the course," she said.

Larry Koenig, a fourth-grade teacher at Sigel, said the computer literacy club has been an effective program for the elementary students. "The Washington University students work well with our students. They keep the students motivated. I've seen Sigel students go to the computer and write stories, when normally their first choice would have been to play a computer game," said Koenig, whose classroom served as the site for club meetings. He also maintains the computers for the club.

Before this semester, Wertsch had never taught a course that focused on hands-on experience in an urban education setting. Besides regular participation in the club, his students are required to keep a journal of their experiences and write term papers based on information gathered during the sessions.

Wertsch's rationale for creating the course "is that we really want students to take theories and apply them to real, concrete settings," he said. As an institu-

tion, Washington University is trying to build relationships with urban schools, he added. "We want to be involved. We want to help. It provides a good educational opportunity for our undergraduate students. Dealing with diversity in urban education is part of the future for every citizen in the United States," he said.

Wertsch emphasized that "Methods and Reasoning in the Social Sciences II" is not just a one-semester project. "We want to form a long-term relationship with the students and the school," he said. The course will be offered next fall. Garrett Duncan, Ph.D., who arrives next fall as a postdoctoral fellow in the African and Afro-American Studies Program in Arts and Sciences, will teach the course. Among his research interests are black adolescent development and educational theory. Duncan, who earned a doctorate in education from The Claremont Graduate School in California, has extensive experience working in urban schools, noted Wertsch.

Reflecting on what the elementary students have gained from taking part in the computer literacy club, Wertsch noted that they have received "a lot of really first-rate, quality writing experiences. They've learned they can like writing."

As for the STA students, Wertsch said, several have had powerful emotional experiences, such as hearing a 10-year-old boy recount how his brother was killed. A few, like Siklóssy, have been transformed into advocates for urban education. "Because of the class, I've decided I really want to go into urban education," she said. "There's so much negative press about urban schools: low test scores, drugs, violence, guns. There's room for innovative ideas and solutions. I'd like to somehow become part of the solution."

— Carolyn Sanford

Sports

Compiled by Mike Wolf, director, and David Moessner, assoc. director, sports information.

Maria Loinaz nets NCAA tennis berth

While Washington University's women's tennis team missed a berth to the NCAA tourney, junior Maria Loinaz received an invitation to compete in the NCAA singles competition.

Final team record: 10-6

Tracksters still striding, preparing for NCAAs

With four weeks until the NCAA meet, several WU tracksters still are competing. About a dozen Bears took part in last weekend's Principia College Invitational (Elsah, Ill.), highlighted by junior

Aaron Boehm's wins in the shot put and hammer throw.

Men's tennis team finishes on losing note

Dropping 7-0 matches to Calvin College (Grand Rapids, Mich.) and DePauw University (Greencastle, Ind.), the men's tennis team closed the season at 6-7.

Baseball Bears end season in the rain

The baseball team lost to Lincoln University (Jefferson City) last week and split with McKendree College (Lebanon, Ill.).

Final record: 21-13

Works by undergraduates in fine arts on display

The School of Art will present its annual "Bachelor's of Fine Arts (B.F.A.) Show" from May 10-19 at the Gallery of Art in Steinberg Hall.

More than 50 graduating seniors in the B.F.A. program will present works in all media, including painting, sculpture, ceramics, photography and printmaking.

An opening reception will be held from 5 to 7 p.m. May 10 in the gallery. The show and reception are free and open to the public.

The exhibit hours are 10 a.m. to 5 p.m. weekdays and 1 to 5 p.m. weekends.

For more information, call 935-5490 or 935-6500.

Interstellar molecules confirmed by laboratory measurements

The forecast for the Milky Way is partly smoggy.

That, at least, is one of the possible implications of the first laboratory measurements of molecules that were formed in interstellar space or, perhaps, around another star.

The far-ranging molecules are carbon compounds called polycyclic aromatic hydrocarbons, or PAHs. On Earth, they are best known as cancer-causing air pollutants created by partial combustion — such as a sooting flame, diesel exhaust or burning a steak on the barbecue. They also are created naturally in forest fires and volcanic eruptions.

This discovery was jointly reported recently by graduate students Simon Clemett from Stanford University and Scott Messenger from Washington University at the Lunar and Planetary Symposium at the NASA Johnson Space Center near Houston.

The finding provides new support for what is known as the "PAH hypothesis." Astronomers who have trained their telescopes on interstellar nebulae and other features in the interstellar medium have seen spectral signatures that closely resemble those of PAH compounds almost everywhere they have looked. This is the first laboratory confirmation of these observations.

"At last, we can really get our hands on what we are seeing," said chemistry Professor Richard N. Zare, who led the Stanford team that identified the molecular material.

The interstellar molecules were identified in microscopic grains of graphite extracted from four different meteorites. The Washington University researchers, headed by Robert M. Walker, Ph.D., the McDonnell Professor of physics and director of the McDonnell Center for the Space Sciences in Arts and Sciences, recovered the dust grains from the meteorites and performed the isotopic analyses that provide the evidence for their exotic origin. About half of the graphite grains exhibited highly unusual ratios of carbon isotopes that the scientists believe demonstrate that they are stardust. Isotopes are atoms of the same element that have the same chemical behavior but slightly different weights.

The PAHs in many of these grains also exhibited unusual carbon isotopic ratios, strongly suggesting that these organic molecules were fellow interstellar travelers as well.

Isotopic measurements coupled with transmission electron microscope studies of their internal structures have been used by Washington University scientists to understand the nature and origin of the stardust. Walker noted, "The discovery of the indigenous molecules gives us still another important handle for determining the chemical and physical conditions in the stellar environment where the stardust condensed."

Although astronomical measurements suggested that generic PAH compounds existed in the interstellar medium, the Stanford group was able to identify specific molecules of this type, including naphthalene (the stuff of mothballs) and two closely related compounds, acenaphthene and phenanthrene.

"These are very hardy molecules. So it may well be that PAHs are ubiquitous throughout the universe," Zare said.

Although scientists have been studying the chemical composition of meteoritic material for some time, it was only in 1987 that scientists discovered that some meteorites contain particles of dust that are circumstellar in origin. The discovery meant that the analysis of such grains could provide important clues to the nature of the dust cloud from which the solar system formed and of the interstellar medium from which other stars formed.

It is only recently, however, that laboratory techniques were developed at Stanford that are sensitive enough to identify specific organic molecules present in these dust grains. Two-and-a-half years ago, Zare and Walker collaborated on the first measurements of organic molecules in interplanetary dust particles collected in the stratosphere.

The newly identified interstellar molecules are of interest to scientists not only because of their origin but also because of their age. They are most likely the oldest molecules ever studied in the laboratory, with an age pre-dating the formation of the solar system. They also appear to have traveled the furthest of any molecules that have undergone laboratory analysis.

The fact that these molecules are no different from those made on Earth adds to scientists' basic conviction that things "out there" — in the rest of the universe — and "back then" — billions of years ago — were "not all that different, chemically speaking, than they are here and now," Zare said.

Other members of the Walker team include physics research associate Xia Gao, Ph.D.

Musicians, critics, writers featured in conference on the late Miles Davis

The American Culture Studies Institute and the African and Afro-American Studies Program in Arts and Sciences will present a conference titled "Miles Davis and American Culture II" from May 10-11 at the West Campus Conference Center.

The conference, which will feature presentations by critics, musicians and writers, is free and open to the public. No advance registration is required.

"Miles Davis and American Culture II" begins at 1 p.m. May 10 and ends at 4 p.m. May 11. Gerald Early, Ph.D., the Merle Kling Professor of Modern Letters in the Department of English in Arts and Sciences and director of African and Afro-American studies, is the conference organizer. Early will deliver opening and closing remarks.

The conference primarily will focus on Davis' career from 1969 to 1975. Among the conference participants are Laurent Cugny, an author and musical director of the French Orchestre National de Jazz; Yusef Komunyakaa, a Pulitzer Prize-winning poet; James McPherson, a Pulitzer Prize-winning author; and Enrico Merlin, a music scholar from Italy.

The conference sessions include "Circle in the Round: Three Remember Miles" with musician Dave Liebman, music critic and record producer Ira Gitler and Davis' record producer, Teo Macero. In addition, Komunyakaa and McPherson will speak during a session titled "On the Corner: Writers on Miles Davis."

This conference follows a similar conference held last year.

For more information, call 935-5216.

Engineering celebration continues with lectures

The 125th anniversary celebration of the School of Engineering and Applied Science continues Friday, May 3, with 4 p.m. lectures in Edison Theatre by Robert Galvin, chairman of Motorola Corp., and by William Braun, senior vice president and director of research and development for Motorola.

Immediately following the lectures, a reception will be held in Bowles

Plaza, which is located between Mallinckrodt Center and Umrath Hall.

Both events are free and open to the University community.

Later that evening, an anniversary banquet will be held at the Ritz-Carlton Hotel in Clayton, where Braun will receive the engineering school's first Award for Excellence in Engineering and Technology.

For more information, call 935-5363.



'Arbeit Macht Frei'

Freshman Renee Jaffee reads aloud the names of Holocaust victims during the Reading of Names for Yom HaShoah (Holocaust Remembrance Day). The event, organized by the Hillel Center's Holocaust Awareness and Education Project Team, ran for 26 hours from April 16-17 in Mallinckrodt Center. During this time, volunteers stood inside a wooden structure draped with barbed wire and read aloud the names of Holocaust victims. About 215 people volunteered to read names. At the top of the wooden structure were the words "Arbeit Macht Frei," which means "Work Means Freedom." These words were cast in metal over the gates of the Auschwitz concentration camp and indicated to the Jews that the harder they worked meant the possibility of freedom, Jaffee said.

Area students get taste of live theater during 'Romeo and Juliet' matinees

The wild cheers and teary eyes said it all.

More than 1,200 St. Louis-area middle and high school students gave an emotional — and uniquely teen-age — ovation to the Performing Arts Department's production of "Romeo and Juliet" in Edison Theatre.

"It was great," said Sumari Thigpen, 18, a senior at Sumner High School in the St. Louis Public Schools. "I think we can relate to their (Romeo and Juliet's) lives. Sure, it was written a long time ago, but true love stays the same no matter when."

Thigpen was with a group of 75 Sumner students who attended a recent matinee of Shakespeare's romantic tragedy, which is celebrating its 400th anniversary. Students attending Sumner and 10 other schools from the St. Louis area, Illinois and as far away as Warrenton, Mo., attended special matinees April 17 and 18.

The theatrical field trip was set up through Washington University as a way to reach out to young people and give them a taste of live theater, said Henry I. Schvey, Ph.D., professor of drama and of comparative literature and chair of the Performing Arts Department in Arts and Sciences. Schvey, who directed the productions of "Romeo and Juliet," was pleased by the reactions of the students.

"A high school audience responds to different aspects of the play than a typically older audience does," Schvey said. "They are reacting in their own excited way to the strong emotions in this play. For many, it is their first experience with live theater. But it is a play about them — about young love, adolescence and generational conflict. You can feel the authenticity of their response, which is perhaps closer to the way Shakespeare's original audience might have reacted than a group of adults today."

Each of the schools received a study guide on the play prepared by Robert Neblett, a graduate student in the Performing Arts Department who performed the role of Capulet.

Many of the students already were familiar with "Romeo and Juliet," and occasionally they could be heard reciting

lines along with the actors. The students roared with laughter at the antics of Mercutio and Benvolio and grew perfectly still at the death scene in the tomb. They burst into enthusiastic applause and whoops of approval at the end as the stage went black and the set was illuminated with thousands of stars — a magical effect created by set designers Rick Kuykendall and Bruce Bergner.

Nancy Miller, an English teacher at Affton High School, believed the production was true to Shakespeare's work. "It was a fine representation. They are doing a good job of bringing the characters to life," Miller said. "They're bringing out some of the more earthy aspects of the play."

Gloria Ezekie Kweskin, an English teacher at John Burroughs School, said young people could relate especially well to the Washington University actors. "You really see Juliet as an adolescent," she said. "And the interaction between Mercutio and Benvolio — you can almost see them give high-fives after each joke."

The School Partnership Program brought five of the schools to the play. The play was one in a series of events the program holds to bring together students from the county and city. It was a wonderful experience, said Vivian R.M. Gibson, divisional assistant for the School Partnership Program in the St. Louis Public Schools. "It was really wonderful for the students to see live theater in such close proximity. Most of these students have never been to the theater. I truly hope we can do it again next year — and every year," Gibson said.

Ryan Pevnick, 15, a student at John Burroughs, commented: "I think I can relate to these people more than in the book. This brings it alive."

— Neal Learner

Campus Watch returns next week

Campus Watch will not be published this week but will return in the Record issue dated May 9.

William Van Cleve receives Eliot Society Award

William M. Van Cleve, vice chairman of the Board of Trustees, was awarded the 1996 William Greenleaf Eliot Society Award during the society's recent annual dinner at the Ritz-Carlton Hotel in Clayton. Van Cleve was recognized for his exceptional service to Washington University over many years.

The William Greenleaf Eliot Society was founded in 1959 in tribute to Washington University's founder. Since then, the generosity and support of the society's members have contributed to the growth and success of the University. Each year, the Eliot Society Award is given to an outstanding citizen of the Washington University community. Last year's recipient was Herbert F. Hitzeman Jr., retired senior vice chancellor for University relations.

Sam Fox, president of the Eliot Society, presented Van Cleve with a silver replica of Heikki Seppä's "The Search." The original sculpture is part of the Gallery of Art's collection. Seppä is professor emeritus of art.

At the society's annual dinner, Chancellor Mark S. Wrighton, Ph.D., the keynote speaker, thanked Van Cleve for his service to the University. "It gives me great satisfaction to see Bill honored for his outstanding dedication to this Uni-

versity. He is deeply committed to the value of education and the importance of the role of the university within society. His wisdom, advice, and tireless and effective efforts on behalf of the University have made a significant impact," said Wrighton.

Van Cleve is past chairman and managing partner of the St. Louis law firm of Bryan Cave. A 1953 graduate of the School of Law, he is chair of the school's National Council and serves as a member of the campaign cabinet for the school's "Building for a New Century" campaign. Among other numerous University activities, Van Cleve also is immediate past chairman of the Board of Trustees and a past president and current officer of the Eliot Society. He also chaired the search committee that recommended Wrighton to the trustees.

Van Cleve's community commitments include serving as a commissioner of the St. Louis Science Center and membership on the boards of the St. Louis Area Council of Boy Scouts of America and Parents as Teachers. He has been a board member of the St. Louis Children's Hospital, United Way of Greater St. Louis and Emerson Electric Co.

Van Cleve's wife of 43 years, Georgia, is a 1951 graduate of the College of Arts and Sciences and an active volunteer.

Students win state math title, place seventh in national Putnam contest

Two Washington University teams finished neck-to-neck in a race for first place during the first Missouri Mathematical Association of America's Collegiate Mathematical Competition held recently at Southeast Missouri State University in Cape Girardeau.

Team members Christopher Green, a first-year student in Arts and Sciences; captain Daniel K. Schepler, a sophomore mathematics major in Arts and Sciences; and Erik N. Vee, a senior mathematics major, were declared the winners by a narrow margin of two points. Second place went to a team consisting of Mathew B. Crawford, a first-year student in Arts and Sciences; captain Jade P. Vinson, a junior mathematics major; and Tim Sanders, a senior mathematics major. The Schepler team received 92 points out of 100, while the Vinson team garnered 90 points. A team from the University of Missouri-Columbia finished third with 75 points.

The feat comes on the heels of a seventh-place finish nationally for a Washington University team in the 56th annual William Lowell Putnam Mathematical Competition. Results of the contest, held late last year, recently were announced. The Putnam competition involved 2,468 undergraduate students from 405 North American colleges. The high ranking in the Putnam competition marks the 15th time in the past 20 years that a Washington University team has finished in the top 10.

In the Missouri contest, every college and university in the state was encouraged to enter up to two teams consisting

of one to three undergraduate students. This year, 16 teams entered with a total of 43 students participating. Teams worked collaboratively on 10 problems over five hours. Each team was permitted to submit only one solution per problem.

Edward N. Wilson, Ph.D., professor and chair of the Department of Mathematics, and Vladimir Masek, Ph.D., assistant professor of mathematics, advised the Washington University teams. They also advised students for the Putnam competition and were joined by Brian Blank, Ph.D., associate professor of mathematics.

Schepler, Vinson and Crawford also finished among the top 200 participants in the Putnam competition and were joined by Lawrence P. Roberts, a junior mathematics major. Contestants compete individually by taking a six-hour test in mathematics at their home institutions. Unlike the Missouri competition, the Putnam allows no collaboration. A team average is computed based on scores from three contestants designated by their advisers.

"We're extremely proud of our mathematics contestants in both competitions," said Wilson. "They reflect the high quality of our students at Washington University. Nationally, we ought to be back in the top 10 again next year, based on the fine students we have coming back and the kind of students we attract."

"The Missouri competition is an excellent idea proposed by the Missouri section of the Mathematics Association of America. Our students really liked the experience, and they're proud to bring back a trophy. We hope this becomes a tradition."

CSAS honors faculty members for commitment

Eight faculty members and two teaching assistants recently were honored by the Council of Students of Arts and Sciences (CSAS). The individuals received 1995-96 faculty awards during a ceremony in the Women's Building Lounge.

The annual awards are presented to faculty members in Arts and Sciences who have demonstrated a level of commitment above and beyond what is required of them in the classroom, said Robin Terry, a sophomore. She is chair of CSAS' faculty awards committee. CSAS established the awards in 1977.

The professors honored are: William E. Buhro, Ph.D., associate professor of chemistry; Elizabeth Childs, Ph.D., assistant professor of art history and archaeology; James W. Davis, Ph.D., professor of political science; C. Samudra Haddad, lecturer (part time) in English; Nancy P. Pope, Ph.D., lecturer (part time) in English; Stephan Schindler, Ph.D., assistant professor of German; and Liann Tsoukas, visiting assistant professor of history.

The CSAS presented a special award to Burton Wheeler, Ph.D., professor of English and of religious studies, for his continuous support of the student-run organization since its founding in the late 1960s. Wheeler will retire this spring.

The two teaching assistants in Arts and Sciences who received awards are Elaine K. Round, a biomedical technician in the Department of Biology, and Michelle Y. Penner, who is pursuing a doctorate in the Department of Mathematics.

The council solicited nominations for the awards through a mailing to all 2,500 undergraduate students in the College of Arts and Sciences. The council's faculty awards committee selected the honorees based on the quantity and quality of nominations received, Terry said.

These are the only teaching awards that are presented by the students, said Terry. "The professors were very, very pleased and touched," she added.

For The Record

For The Record contains news about a wide variety of faculty, staff and student scholarly and professional activities.

Speaking of

Rita Basuray, Ph.D., assistant professor of obstetrics and gynecology, delivered 10 presentations on quality maintenance in assisted-reproductive technologies and advances in infertility during conferences in India, Korea and Japan. ...

Milorad P. Duduković, Ph.D., the Laura and William Jens Professor of Environmental Engineering and director of the Chemical Reaction Engineering Laboratory, delivered the plenary lecture on "Chemical Reaction Engineering: The Environment and Pollution Prevention" at the University of Belgrade in the former Yugoslavia. He spoke during a special symposium commemorating the 75th anniversary of the university's Department of Applied Chemistry and Chemical Engineering. ...

Charles L. Leven, Ph.D., professor emeritus of economics in Arts and Sciences, presented a seminar titled "Economics of Treatment Protocols and Lowering Re-admission of Congestive Heart Failure Patients" at the Yale University School of Medicine. He spoke before members of the Department of Epidemiology's Program in Aging. ...

Douglass C. North, Ph.D., the Henry R. Luce Professor of Law and Liberty in the Department of Economics in Arts and Sciences, delivered the annual Kathleen Price Bryan Lecture at the University of North Carolina in Greens-

boro, where he spoke on "Order, Disorder and Economic Change."

On assignment

Murray L. Weidenbaum, Ph.D., the Edward Mallinckrodt Distinguished University Professor in Arts and Sciences and chairman of the Center for the Study of American Business, is one of 14 private economists named to an advisory board that is helping Congress analyze the economic impact of overhauling the tax code. The Joint Committee on Taxation advisory board will obtain input from other outside economic modelers and assist committee staff in analyzing proposed changes in the tax system.

To press

Ronald J. Mann, J.D., associate professor of law, wrote an article titled "The First Shall Be Last: A Contextual Argument for Abandoning Temporal Rules of Lien Priority" that is scheduled to be published in the November 1996 issue of the Texas Law Review. His article on "Explaining the Pattern of Secured Credit" is scheduled to be published in Volume 110 of the Harvard Law Review.

Guidelines for submitting copy:

Send your full name, complete title, department, phone number, and highest-earned degree, along with a typed description of your noteworthy activity, to For The Record, c/o Carolyn Sanford, Campus Box 1070, or p72245cs@wuvmd.wustl.edu. Items must not exceed 75 words. For more information, call Sanford at 935-5293.

Grant supports dissertation seminar for students in Arts and Sciences

Washington University has been awarded a \$39,000 grant from the Andrew W. Mellon Foundation in support of a graduate seminar for Arts and Sciences dissertation students, announced Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences.

The seminar will be directed by Steven N. Zwicker, Ph.D., professor of English and co-director of the Program in Literature and History in Arts and Sciences. The seminar is open to graduate students in the humanities and social sciences who are working on or preparing to work on their dissertations and are interested in exploring the foundational importance of politics to all of the idioms of early modern writing.

The seminar aims to convey a particular interpretation of early modern culture and to explore modes of reading and scholarship that stress the interplay of aesthetics and politics. It also provides occasion for examining other ways of reading across disciplinary lines and for deepening understanding of the explanatory force — both as literary criticism and as historical inquiry — of interdisciplinarity itself.

The seminar will provide each participant with a \$1,800 stipend and will meet for a six-week period beginning June 25.

"We are especially pleased that the proposed seminar will offer to our graduate students the opportunity for interdisciplinary study," Macias said. "Arts and Sciences has a long history of successful programs and activities that reach across department and school lines, and our recently developed strategic plan emphasizes the importance of building intellectual clusters in interdisciplinary areas. The proposed seminar fits well with our plans to foster such activities. It builds on our present strength in literature and history while also providing enhanced interdisciplinary opportunities for both students and faculty."

The grant is part of a program that the Mellon Foundation has instituted at a select group of universities to address interpretive and professional issues that frequently arise at the dissertation phase in graduate education and that ultimately affect students' timely progress toward completion of their degree requirements.

For more information, call Zwicker at 935-4405 or 727-1287.

Campus Authors

The following is a recent release available at the Campus Bookstore in Mallinckrodt Center on the Hilltop Campus or at the Washington University Medical Bookstore in the Olin Residence Hall. For more information, call 935-5500 (Hilltop Campus) or 362-3240 (School of Medicine).

"Into the Open: Reflections on Genius and Modernity" is the title of a book of essays by **Benjamin Taylor**, Ph.D., adjunct associate professor of English in Arts and Sciences. "Into the Open" is an inquiry into the deeper meanings of an indispensable modern word: "genius." What legacy do we invoke when we use it? Taylor answers by exploring the role of Leonardo da Vinci in the works of Walter Pater, Paul Valéry and Sigmund Freud. Da Vinci becomes an issue for each, Taylor argues, because for each the received idea of "genius" has ceased to be a romantic certitude or sacred truth and has become a problem. Taking Friedrich Nietzsche's drastic critique of "genius" as his control, Taylor assesses the far less programmatic, far more anxious cases of Pater, Valéry and Freud. Whereas Nietzsche sought for and found a way out of romantic humanism, Pater, Valéry and Freud remain troubled, equivocal witnesses to the modern plight. (New York University Press: New York and London)



Opportunities & personnel news

Hilltop Campus

The following is a partial list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 126 North Brookings Hall, or by calling 935-5990.

Communications Assistant 960205. *Office of Public Affairs.* Requirements: high school graduate; ability to follow directions; accuracy; good verbal and written skills; ability to handle multiple tasks; excellent word processing skills, Macintosh preferred; organizational, writing and language skills; general knowledge of database management, desktop publishing and executive office procedures. Application required.

Secretary 960218. *Electrical Engineering.* Requirements: high school graduate; some college preferred; ability to learn technical typing; ability to learn computer software, such as Latex. Application required.

Purchasing Assistant 960220. *Department of Physics.* Requirements: high school graduate; some college preferred; Macintosh or PC experience; good organizational skills; exceptional communicator; high degree of accuracy; Microsoft Word experience preferred. Application required.

Special Events Coordinator 960221. *Office of the Chancellor.* Requirements: bachelor's degree preferred; three to five years experience in event planning and knowledge of protocol and etiquette; three to five years supervisory experience; excellent interpersonal skills; excellent oral and written communication skills; computer skills necessary to produce invitations, name tags, etc.; word processing and budget-management experience; ability to meet deadlines and adapt to schedule changes; knowledge of Washington University and its policies is helpful; knowledge of University financial systems or ability to learn them quickly; legible handwriting; team player who can work independently when required; poised and able to relate well to all levels; capable of working evenings and weekends; well-organized and detail-oriented; discreet and non-judgmental. Application required.

Accounting/Purchasing Assistant 960225. *Computer Science.* Requirements: high school graduate; knowledge of FIS is helpful but not required. Application required.

Executive Secretary 960226. *Office of the General Counsel.* Requirements: high school graduate; some college preferred; one year experience in a law firm strongly desired; ability to perform duties with minimal supervision; basic understanding of contract terms desired. This is a floating position between the Hilltop and Medical campuses. Application required.

Manager, Administration and Recruiting 960228. *School of Business.* Requirements: high school graduate; some college preferred; seven-plus years secretarial and office-management experience; three-plus years supervisory experience; PC literacy; Microsoft Excel and PowerPoint experience preferred; ability to manage people and processes; interpersonal and oral communication skills; ability to work independently and effectively with diverse population; problem-solving skills; ability to organize, generate and implement ideas; ability to prioritize workload, del-

egate work among staff, handle multiple projects simultaneously and work with minimal supervision; ability to function in fast-paced environment and produce high-quality work with speed and accuracy. Application required.

Librarian 960229. *School of Social Work.* Requirements: master's degree; experience with social work reference sources; knowledge of on-line searching, including CD-ROM and the Internet; excellent communication and supervisory skills. Schedule: part-time. Application required.

Department Computer Specialist 960230. *Department of Earth and Planetary Sciences.* Requirements: bachelor's degree; knowledge of C programming, Unix and MS-DOS; familiarity with Macintosh systems preferred; knowledge of TCP/IP and LocalTalk networking preferred; fluent in English; self-motivated; capable of independent problem-solving and able to work with a minimum of supervision; ability to interact well with faculty, students and staff. Application required.

Analyst 960231. *Financial Planning.* Requirements: bachelor's degree; strong quantitative skills; analytical; good writing skills; ability to organize complex data into clear presentations for senior management. Application required.

Web Master 960232. *CAPITA.* Requirements: high school graduate; some college preferred; ability to program mini-microcomputers. Application required.

Technical Service Manager 960233. *Campus Stores.* Requirements: high school graduate; some college preferred. This is a technical position, working under general supervision and providing technical support for customer hardware, software, peripherals and printer sales to University departments, faculty, staff and students. Responsibilities include installing systems and software; supervising the maintenance, procedures and inventory control of the service area; assisting with user sales and with training and supervision of student employees. Application required.

Sales Associate 960234. *Campus Stores.* Requirements: high school graduate; good customer relations; ability to lift and display merchandise; organized; flexible; cashiering experience; ability to work evenings and weekends. Application required.

Administrative Aide 960235. *Arts and Sciences.* Requirements: familiarity with computing; detail-oriented; team player; friendly, service-oriented and patient. The administrative aide supports the work of the Office of the Executive Vice Chancellor and Dean of Arts and Sciences. The administrative aide also supports the work of other members of the office, including the associate deans, the director of business operations and the senior analyst. The office is highly team-oriented with the members working together to conduct the business of Arts and Sciences. The administrative aide will work closely with the administrative assistant II; each person is expected to fill in for the other when necessary. Application required.

Government Grants Senior Specialist 960236. *Sponsored Projects.* Requirements: high school graduate; some college preferred; ability to process a large volume of reports in a timely manner; ability to understand government guidelines and interpret proper actions; excellent oral and written communica-

tion skills; ability to work independently; accuracy; reliability; ability to interact with a large number of University personnel in administering public-health-service grants (answering questions, interpreting guidelines); ability to interact with government auditors during performance and annual A-133 (government guidelines) audits. Application required.

Alumni Relations Director 960237. *Consortium for Graduate Study in Management.* Requirements: bachelor's degree in business or related area; advanced degree is desirable; two to three years experience working with alumni at a college or university is desirable; experience working with corporate sponsors and fund-raising; ability to work effectively with administrators, staff and members of the board of directors; ability to coordinate events; ability to work with and train volunteers; superior oral and written communication skills; computer literacy with skills in database utilization, spreadsheet analysis and word processing; willingness to organize alumni volunteers; ability to develop and implement a new interview process for potential fellowship applicants to the consortium; genuine commitment to the advancement of minorities in management; willingness to travel. Application required.

Director of Compensation 960240. *Human Resources.* Requirements: master's degree in human resources management and/or a master's degree in business administration; professional certification; 10-plus years experience in designing and communicating compensation programs; strong knowledge of incentive compensation principles and practices; ability to design, administer and communicate compensation programs for the staff and administration of the Hilltop Campus. Responsibilities include providing generalist human resources support to a designated customer base; conducting wage and salary surveys; establishing wage and salary structures; determining pay policies and guidelines; and facilitating job design and position evaluation.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a transfer request should contact the Human Resources Department of the medical school at 362-7197 to request an application. External candidates may call 362-7195 for information regarding application procedures or may submit a résumé to the human resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, MO, 63110. Please note that the medical school does not disclose salary information for vacancies, and the office strongly discourages inquiries to departments other than human resources.

Statistical Data Analyst 960636-R. *Surgery.* Requirements: bachelor's degree; two years experience in SAS programming. Responsibilities include managing two large longitudinal databases and overseeing daily activities associated with data entry and quality control.

Programmer Analyst I 960724-R. *Washington University Shared Billing and Collection Services.* Requirements: bachelor's degree or equivalent in related field; two to three years application-support experience;

one year programming experience; working knowledge of physician billing systems, preferably IDX; knowledge of MUMPS and C language. Responsibilities include providing programming and related user support, vendor interfacing and programming maintenance services.

Medical Secretary II 960727-R. *Neurology.* Requirements: high school graduate or equivalent; use of discretion regarding sensitive duties and other confidential information; typing 65 wpm.

Medical Research Technician 960762-R. *Anesthesiology.* Requirements: bachelor's degree with lab course in chemistry or biology, or three years experience in a biology research lab or related field. Responsibilities include conducting experiments, performing small-animal surgery and data work-up and analysis. Schedule: part-time, 20 hours per week.

Medical Secretary II 960767-R. *Neurology.* Requirements: high school graduate or equivalent;

ability to deal daily with diverse groups of people; ability to handle multiple deadlines; pleasant telephone manner; typing 60 wpm.

Library Assistant 960799-R. *Library.* Requirements: high school graduate or equivalent; some college preferred; supervisory experience preferred. Responsibilities include daily operation of document delivery, interlibrary loan and photocopy services and supervising and coordinating personnel and work performance in the division.

Programmer Analyst 960825-R. *Anesthesiology.* Requirements: bachelor's degree in computer science, math, engineering or related field, or equivalent of experience; two or more years experience in an academic research environment. Responsibilities include developing and maintaining specialized applications software, developing software for data-acquisition services and analyzing software and hardware needs of the unit.

Assistant Supervisor Lead IBC 960849-R, 960850-R. *Washington University Shared Billing and Collection Services.* Requirements: two years experience with billing, insurance or collection, preferably medical; working knowledge of IDX, BAR and PSC applications; understanding of computerized billing systems; supervisory capabilities; ability to communicate effectively; familiarity with ICD-9 and CPT-4 preferred. Responsibilities include assisting with supervision of insurance collection staff; training staff to perform daily job functions; assisting staff with daily operational issues; and monitoring daily work flow.

Nurse, RN Staff 960867-R. *Obstetrics and Gynecology.* Requirements: graduate of approved school of nursing; current Missouri license; one year related experience preferred. Responsibilities include providing Uro/Gynecology assistance for medical practice.

Hilltop's human resources offers services to assist in hiring process

To assist managers in their hiring efforts and to improve Washington University's employment process, the Hilltop Campus' Office of Human Resources is offering reference checking and applicant testing and assessment services.

"Formerly, we asked candidates to bring in three letters of recommendation in the application process," said Carol Esrock, director of employment and human resources management in the Hilltop's Office of Human Resources. "To expand this effort, we introduced other ways to get meaningful information from former employers of our applicants."

Esrock enlisted the services of the American Association for Industrial Management (AAIM), a company that offers "the most comprehensive and thorough approach to reference checking," she said. "Upon request, AAIM will tailor questions specifically related to the job."

To initiate the reference-checking service, managers must contact Esrock with the names of strong job candidates, who earlier in the application process signed release forms permitting the University to contact previous employers.

Esrock then contacts AAIM with the names of the candidates and the descriptions of the positions for which they are applying. Two or so days later, AAIM responds with a detailed report of each candidate's work history, which is forwarded to the appropriate department.

Testing of job candidates applying for administrative-support positions and others that require computer literacy is another service offered by the Hilltop's human resources office. Candidates are given a variety of tasks in areas of editing, proofing, math and vocabulary through a computer-based testing package that also includes tests on their ability to use an array of software, said Esrock. The program immediately will score the answers, and the results will be reported to the appropriate individual.

A third service offers an assessment of a candidate's behavior profile and compares compatibility of that profile with a set of behaviors managers deem important to the advertised position.

Called the Activity Vector Analysis, the selection tool is being introduced to improve the selection process, said Esrock. The system also generates behavioral questions managers can ask candidates to get at dimensions important to the job.

"This tool has been in use for nearly 50 years and meets all uniform federal selection guidelines written in 1978," said Esrock. "We want to make sure a candidate's behavioral style will fit in with the department and will meet the behavioral demands of the position. This is an objective tool — one of many factors that should be considered in making a hiring decision."

For more information about these services, call 935-8048.

Q&A

Addressing employee questions concerning the Washington University community

Q: Staff on campus work from 8:30 a.m. to 5 p.m., with an hour for lunch. Are these hours set as University policy? If so, has there been any consideration given to possibly changing the hours worked to be from 8:30 a.m. to 4:30 p.m., with a half-hour for lunch?

A: The hours-of-work policy for Hilltop Campus employees is as follows: Regular hours of work are from 8:30 a.m. to 5 p.m., with one hour for lunch, Monday through Friday (37.5-hour workweek). Some departments have been approved for a 35- or 40-hour workweek due to the nature of their responsibilities. The nature of the work

in some of the departments and the special needs of employees may necessitate arranging alternative time schedules for some employees. Alternative work schedules must be approved by the vice chancellor for human resources.

— Gloria W. White, vice chancellor for human resources

Submit questions about the University, which have broad appeal, to Q&A, c/o Michael Slatin, Campus Box 1070, or p72245ms@wuvmd.wustl.edu. Questions will be answered by the appropriate administrators. Though employee questions will appear anonymously in the Record, please submit your full name, department and phone number with your typed question. For information, call Slatin at 935-6603.