University to award some 2,400 degrees May 20

More than 2,400 degrees will be awarded at Washington University’s 133rd Commencement on Friday, May 20. Of the candidates, approximately 1,295 are undergraduate students and 1,297 are graduate students.

Commencement begins at 8:30 a.m. with the traditional academic procession into Brookings Quadrangle on the campus. The largest facility is the Field House. To hold Commencement there would require strict ticketing and we don’t want to limit the number of guests that students can invite. This way, anyone who wants to participate will be able to do so, since it will be outside.”

Bill Bradley, the senior U.S. senator from New Jersey, will deliver the Commencement address, titled “America’s Changing World: New Economy, New Diversity, New Challenges.” During the ceremony, Bradley will receive an honorary doctor of humanities.

Five other distinguished individuals also will receive honorary degrees. Rita E. Dove, U.S. poet laureate and Pulitzer Prize winner, will receive a doctor of letters; and Ernst L. Wynder, M.D., a pioneer in the field of preventive medicine who was the first researcher to demonstrate a link between smoking and lung cancer, will receive a doctor of science degree.

Diplomas: Following Commencement, the deans of various schools will hold receptions where individual diplomas will be distributed. (See page 12 for locations.)

In case of light rain, the program will proceed on schedule. In the event of heavy rain, an abbreviated ceremony will begin at 10 a.m. and found himself thrown into a Type 1 coma. Jaundiced and in critical condition. Time was running out.

Class president looks back on past four years

Senior class president Elizabeth (Beth) Farrelly has a ready answer when her friends tell her not to worry about her Commencement speech May 20. “They say ‘Why worry? You’re not being graded.’ Farrelly said. “I say it’s a lot easier to do something for one professor than 10,000 people.”

A week before Commencement, Farrelly, who will graduate Phi Beta Kappa with a double major in English and international studies, was looking back on her four years at Washington University and starting to put some thoughts on paper. Her speech will relate the often challenging undergraduate experience to the University’s motto: “Strength Through Truth.”

“I want to talk about how hard it is to go through college — not the actual work, but facing yourself day in and day out,” Farrelly said. “People say your character or personality is formed by the time you’re 21. To a large extent, that happens in college. The decisions you make in college seem so large and, really, they are so large. I don’t mean decisions about what classes to take. I mean decisions about understanding who you are and deciding who you want to be.”

Farrelly, a native of Mendham, N.J., said she “genuinely loves” Washington University, which she chose after graduating with honors from St. Paul’s School in Concord, N.H., because of four crucial factors: it was the right size; it was not in the northeast; it

Engineering student’s dissertation saves girl’s life

A mong the nagging doubts of the college education will be put to use properly or ultimately make a difference in society. This experience of a Washington University chemical engineering doctoral candidate who was found himself thrown into a Type 1 coma. Jaundiced and in critical condition. Time was running out.

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Rovainen and Woolsey share Javits Neuroscience Award from NIH

Carl M. Rovainen, Ph.D., professor of cell biology and physiology, and Thomas A. Woolsey, M.D., professor of neurology and neurological surgery, have been awarded a $5.1 million Javits Neuroscience Award from the National Institutes of Health (NIH). The award is designated for investigators submitting regular research grant applications for competitive review who have a distinguished record of substantial contributions to some field of neurological science and who can be expected to be highly productive over the next seven years.

Researchers at the School of Medicine are conducting a study to determine whether estrogen replacement therapy can prevent tooth loss in post-menopausal women. Previous studies have shown that progressive bone loss, a condition known as osteoporosis, often accompanies menopause and that estrogen therapy can reduce the rate of bone loss. But little is known about the post-menopausal loss of alveolar bone, which supports the teeth. Researchers at the School of Medicine, led by Charles F. Hildebolt, D.D.S., Ph.D., associate professor of radiology, and Naoko Yokoyama, data entry assistant, examine computerized dental X-rays as part of a study of bone loss in post-menopausal women.

Hildebolt suspects that alveolar bone loss may be more susceptible to the effects of osteoporosis than other bones in the body because the alveolar bones must contend with large amounts of bacteria present in the mouth. If the researchers find that alveolar bone loss is a predictor for more extensive post-menopausal bone loss, dental X-rays may be an effective, inexpensive screening tool for osteoporosis, Hildebolt said.

The four-year study will enroll 150 post-menopausal women. All women will receive calcium supplements and half of the women will receive estrogen therapy. The women will also receive annual physical exams and tests to determine whether they suffer from osteoporosis. They will receive yearly dental examinations, teeth cleanings and X-rays. All medication and tests related to the study will be provided without charge. As needed, study participants also will receive free mammograms, pap smears and emergency biopsies. To be enrolled in the study, a woman should have had her last menstrual period 24 months prior to the start of the study. She also should have at least 10 teeth and be in good health. Those interested in volunteering for the study should call Mary Dobson at 845-7870 on Mondays, Wednesdays or Fridays.

Collaborators in the study are Washington University's Mallinckrodt Institute of Radiology, the School of Medicine's Division of Bone and Mineral Diseases and The Jewish Hospital Department of Dentistry.

Kahn named director of advanced clinical information systems

Michael G. Kahn, M.D., assistant professor of medicine, has been named director of Advanced Clinical Information Systems, a new joint appointment that will serve the School of Medicine and the BJC Health System. Kahn will report to David Weiss, vice president of information systems for BJC. He also will retain his duties within the medical school as head of the Division of Medical Informatics.

In his new role, Kahn will guide development of a cutting-edge computerized clinical information system to be used throughout the medical school and BJC healthcare network. The information system will be a centralized source for all the medical records of patients treated at the medical school and BJC institutions and will be widely accessible to all physicians working within this healthcare system.

Kahn performs research on using computerized biomedical information to solve problems in medical research and patient care and is a nationally recognized expert in the field.

Kahn named director of advanced clinical information systems

David Perlmutter receives pediatric research award

David Perlmutter, M.D., professor of pediatrics at the School of Medicine, has received the 1994 Merck Award for Pediatric Research from the Society for Pediatric Research.

Perlmutter also professor of cell biology and physiology at the School of Medicine, is director of the Division of Gastroenterology and Nutrition at St. Louis Children's Hospital, is one of two researchers to receive the $10,000 award, which recognizes outstanding pediatric research.

This is the fourth E. Mead Johnson Award given by a member of the Department of Pediatrics at the School of Medicine. In past years, Harvey R. Colen, M.D., Arnold W. Strauss, M.D., and Allen L. Schwartz, Ph.D., have won the award.

Perlmutter studies the cell biology and regulation of protease inhibitors, specifically alpha-1-antitrypsin. In addition, he studies the biochemistry of the protease alpha-1-antitrypsin deficiency, the most common cause of hepatic fibrosis in infants. In his studies of the deficiency, he has discovered a specific cell surface receptor for alpha-1-antitrypsin protease complexes, the SEC receptor, which could be exploited for treatment of the deficiency. His lab also discovered that the SEC receptor recognizes any alpha-1-protease. Any-Alpha-1-protease peptides accumulate in the brains of patients with Alzheimer's dementia. Perlmutter said finding this raises the possibility of using the SEC receptor as a target for novel pharmacologic approaches in the treatment of Alzheimer's disease.

Perlmutter joined Washington University School of Medicine in 1986 as an assistant professor of pediatrics, cell biology and physiology and became the other recipient of the E. Mead Johnson Award in 1992.
Wheeler recognized as a great teacher

Burton M. Wheeler, Ph.D., professor of English and religious studies, has an open-door policy when it comes to students. He is chair of the Commencement Committee and other projects.

"As a teacher, he was inspiring, demanding, thoughtful and a gentleman to boot."
— Michael R. Cannon

Less than a year later, Wheeler was again spending time with Cannon, this time coaching him for the Rhodes Scholar competition. Cannon was named a Rhodes Scholar and received a graduate degree in politics in 1975 from Oxford University. Winning the Rhodes "was in no small measure due to his encouragement and advice," said Cannon, who also received a law degree from Yale Law School in 1978.

Cannon was a student in Wheeler's course on "Religious Themes in Contemporary Literature." Wheeler, who has a doctorate in English literature from Harvard University and studied Japanese language at Yale, was chair of the Committee on Religious Studies for nearly 20 years. He was instrumental in the establishment of two endowed chairs in the field.

"As a teacher, he was inspiring, demanding, thoughtful and a gentleman to boot," said Cannon. "He taught me how to read serious fiction seriously. He introduced me to literature I have revisited time and time again over the intervening 22 years."

During Wheeler's career as dean, the students admired his "Religious Themes in Contemporary Literature" class is always full. "Wheeler has been exemplary. He does, he inspires us, he teaches us,'" said Cannon. "That goes with the job," he added good-naturedly.

Wheeler "is recognized as a great teacher," said Wayne Fields, Ph.D., professor of English, dean of University College and Wheeler's longtime friend. "His 'Religious Themes in Contemporary Literature' class is always full. That is what a University is for. That is where I get my greatest pleasure," said Wheeler, the recipient of the CSAS Award for Distinguished Teaching in 1987 and the Alumni words of praise for Wheeler.

"In the profile of Wheeler published in the May 26, 1971, issue of the St. Louis Post-Dispatch, writer Eric Zoescher said, 'Talk with his friends on the faculty and the students, and you are drawn to a portrait of a man with great qualities, a man humane, compassionate, understanding and faithful, yet firm in his judgments.'" In addition to his open-door policy, the students honored Wheeler for his vast efforts to improve undergraduate education as well as his efforts to bridge the gap between faculty and students. "It could not have happened without faculty support as well as student involvement," said Wheeler.

His stellar accomplishments include introducing the Freshman Advising Program and developing FOCUS, a summer program that offers pre-College credit in various courses to students who have similar interests in various majors. Wheeler has established a relationship between the Council of the Students of Arts and Sciences (CSAS) and the Faculty Council of Arts and Sciences, enabling students to help shape university academic policy and change curricula for the first time.

"Burton Wheeler was the quintessential representative of the college," recalled Sara Johnson, J.D., now special assistant to the chancellor and as an undergraduate, a member of the Task Force on Undergraduate Education, whose role it is to improve undergraduate students' experiences at Washington. "The 27-member group of faculty, staff and students recently issued a preliminary report containing major recommendations.

Wheeler "is really, really interested in student input. He constantly asked what student members thought," said senior fine arts major Macy Chadow. Wheeler was influential in the role of the task force and one of Wheeler's former students.

Wheeler, who has visited numerous universities as chair of accreditation teams, said that the Williamsburg program is unique and should be proud of its distinction, which does not mean that we can use it as a model for other universities. "The task force is trying to get a group of people moving toward a consensus on the way we can be even better. It is an ambitious attempt to do what can be done. The students units at the University can come together to meet common objectives."

Wheeler has held a variety of administrative positions since his first major administrative role as faculty master of the residence halls in the mid-1960s. But that was a role that remained Wheeler's primary objective. He has announced his plans to retire in 1996, naturally, after Commencement.

"During the time I've been in what were allegedly 100 percent administrative jobs, I've insisted on the right to teach at least one class and I want to go out as a teacher. That is what a University is for. That is where I get my greatest pleasure," said Wheeler, the recipient of the CSAS Award for Distinguished Teaching in 1987 and the Alumni Award for Outstanding Teaching in 1972. "Wheeler is recognized as a great scholar," said Wayne Fields, Ph.D., professor of English, dean of University College and Wheeler's longtime friend. "He has a broad view of the liberal arts and sciences and his is known literary mind. At the same time, he never separates literature from social issues. He is a model of the humane scholar and teacher."

Wheeler's oldest son, Paul, also teaches English. Wheeler said he plans to visit his son in the near future, but his interest is in Japan, where he teaches.

"This year has been a nurturing experience. I am enthralled both with the work and with the students," said Wheeler. "I love literature. I find fascination in trying to introduce people into the richness of literature when they confront great artists. I see that as a critical aspect of my education. I do not reacquaint all of the 4,000 students I've taught. But I remember a lot of the individuals because they have taught me." — Carolyn Sanford
Law student accepts offer to practice with her father’s rival firm

Jill Bodensteiner notes with some chagrin that her father “is not too crazy.” However, the job she will begin after graduation this week from the Washington University School of Law. Like her father, she’ll be pursuing a career in civil rights law, but she will practice with a large law firm that her father often battles in the courtroom.

Bodensteiner is headed to Chicago for a position with the firm of Seyfarth Shaw & Gerardson, one of the nation’s top labor law firms. Her sister, who graduated next year from the University of Notre Dame Law School, plans to return to the family’s hometown of Valparaiso, Ind., to practice law with her father. Her mother is a social worker.

Jill’s parents, Ivan and Pat Bodensteiner, agree that the career move befits her. “It’s a matter of working with an interesting client,” said Ivan.

Bodensteiner is headed to Chicago to join one of the nation’s top labor law firms.

Washington University students interested in the role of law in society can gain a better understanding of the profession through the school’s legal studies minor, a program that helps students understand how developments in law, culture, literature and society influence one another, Konig said.

“Law is not a self-contained entity that develops on its own,” Konig said, but “it is an organic entity that should be based on interactions with countless disciplines.”

Konig expects the new minor to be of interest to any undergraduate who has an interest in the impact of law on society. She points out that an increasing number of the law is becoming a necessary profession in businesses and medicine and also in teaching, political science.

Legal studies minor will begin next fall

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FASHION STUDENT'S IMAGINATION SPARKED BY SOCIAL CONCEPT OF DESIGN

The supreme irony is that about the only thing Amy Sullivan has not won recently is the Sullivan Trophy, which is presented annually to the outstanding amateur athlete in America. Not that there would be much room for improvement, considering that she already has six such honors to her credit:

- She was named to the University's basketball team for the 1993-94 season.
- She was named the 1993-94 "W" Club Student-Athlete of the Year.
- She was named the University's Most Valuable Player for both basketball and volleyball.
- She was named the 1993-94 "W" Club Female Athlete of the Year.
- She was selected as the Outstanding Senior Athlete for the University.
- She was selected as the Outstanding Senior Athlete for the NCAA Division I-A.

Sullivan, a biology major and a three-year letterwinner on the University's women's basketball team, has earned a reputation as an athlete who is as skilled on the court as she is off it. Her basketball success has been matched by her dedication to her studies, and her commitment to her community. She has been active in community service projects, and has volunteered her time to help others in need.

Among the honors that have come Sullivan's way:

- She was selected as the GTE Academic All-American of the Year for collegiate division volleyball for an unprecedented second straight year.
- She was selected from a pool of 100 MFA students to receive a fellowship award from the University's School of Fine Arts.

And, in an accolade that seems to contradict the stereotype of the hard-ass athlete, Sullivan is currently a strong candidate for NCAA Woman of the Year.

"Sullivan is the classic woman of the '90s," said Bear volleyball coach Teri Clemens. "She maintains the perfect balance of intensity, intellect and emotional strength. She is competitive on the court. She can be elegant at an evening affair. Or she can flop down and play with my 2-year-old daughter!"

With volleyball practice filling three hours a day, five days a week, and matches taking her on the road as many as seven weekends in the fall, Sullivan admits that the schedule of a student-athlete can be quite a balancing act.

"It can be draining because sometimes what other students do over the course of a week you have to do in the course of a day. But it's definitely worth the sacrifice."

"The benefits? I could go on forever. But it's definitely worth the sacrifice."

And, for all the commendations that have come Sullivan's way, the best may have been saved for last. Just days ago, she was notified of her selection for a Washington University Distinguished Student Scholarship — a full-tuition four-year grant. It is the highest honor that can be bestowed on a student at the University, and Sullivan is the first student-athlete to receive it.

Sullivan's next conquest will be the Washington University School of Medicine. University, Ohio State University and St. Louis University. And for all the commendations that have come Sullivan's way, the best may have been saved for last. Just days ago, she was notified of her selection for a Washington University Distinguished Student Scholarship — a full-tuition four-year grant.

"I can't think of anything more deserving," said Clemens. "Amy will excel at anything she tackles in life. She truly has been the best of the best." — Dave Moessner

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GALLERY OF GRADUATES

Fashion student's imagination sparked by social concept of design

The fashion show is the most romantic aspect of the field, there is a magical attraction for me, I knew on the spot that's what I wanted to do.

An example of Dillinger's approach is a jacket he designed that "was a motorcycle vest, which throws it out of any acceptable social context," he said. "You have no place to wear it. I'd try to analyze the significance of these accepted, never-thought-about elements."

Throughout his undergraduate career Dillinger also worked in the Performing Arts Department costume shop, both as a work-study student and as part of his class work. There he worked on costumes for Performing Arts Department plays, including "Art of Romance," and Art of Dance, and performance designs, as well as costumes for the Department of Music's opera performance "Double Bill at the Sheldon.

In his spare time Dillinger also has taken advantage of the University's close proximity to Washington University by taking French horn lessons with Linda Presgrave and piano with Kathy Kurfman, both in the music department, and Italian lessons in the Department of Romance Languages and Literatures.

"I have developed a very manic approach to work. I feel weird when I'm not totally busy and stressed out," said Dillinger.

Dillinger is taking Italian in anticipation of his next venture, a trip to Italy on a Fulbright scholarship.

One of six Washington University undergraduate students to receive a Fulbright, Dillinger is the only Fulbright winner in fashion design in the history of the University.

"It's important to recognize that in designing, everything you create has some sort of context and evokes a reaction in the viewer. The secret is to become conscious of those associations and then distort them in order to take them to a different level or type of creativity," said Dillinger.

"For example, people expect certain things out of a kohl's twill dress, or a motorcycle jacket or out of a three-piece suit. I try to take that loaded social context and twist the rules slightly. That's been the focus of the work I've done for myself all along."
Robert L. Hartzog, a senior in the School of Architecture, intends to be a commercial large-scale architect, building amusement parks, airports, low-span bridges and high-rise buildings, especially high-rise hotels, he says. He is particularly enthusiastic about meeting and working with clients from different cultures, which might not be so remarkable except that the 24-year-old was born hearing-impaired.

Hartzog's goals do not surprise James R. Harris, associate professor of architecture and dean of the School of Architecture. “Rob really enjoys interacting with people,” said Harris. “He’s been hearing-impaired since birth. Very early on, I’ve become comfortable dealing with Rob and his interpreters. A lot of it has to do with Rob’s personality. He is a very genuine, very sincere person.”

“I’m not afraid of anybody who is self-assured Hartzog in sign language, with a smile on his face. “I believe intelligence cannot prevent you from doing anything. I have good resources behind me — I have good interpreters and I have people supporting me — but basically, in my mind I believe I can handle anything.”

Hartzog fully appreciates the significance of his recent accomplishment, at least of which is progressing so successfully through the architecture program. “I’ve been pleased to be the first hearing-impaired person to enroll in under-graduate architecture at Washington University,” said Hartzog. “They have never had a hearing-impaired student like me before. I’m also the first one to be part of the Theta Xi fraternity and the first hearing-impaired varsity athlete at Washington University.”

Another achievement that gives Hartzog immense pleasure was being part of the group that designed a Thurnete carnival facade. The facade won the top design prize, called the Bernheimer Cup. This year Hartzog also helped design a new building at Cleeve Corner Lake for the crew team. The previous one was washed away last year’s flood.

Hartzog said he began building high rises before he could spell his name. “When I was about 6 or 7,” whenever I played with building blocks I would compare my blocks with the school building,” said Hartzog. “I didn’t recognize what I was doing was architecture, but I was always interested in coming up with different ideas of things to do with the building blocks.”

Hartzog does remember an early interest in drawing buildings. At 12 he started drafting with paper and pencil, and at 13 he started computer drafting. “I couldn’t get enough of the computer drafting at school, so his mother bought him the same computer program to use at home.”

Hartzog, he's interested in many aspects of architecture. In addition to his interest in large projects, he also enjoys historic preservation, residential design, furniture design and lighting design, among other things. Hartzog has been involved in two historic preservation projects in Trumbull, Conn., where he grew up. Cider Mill, a museum project, has been completed, and the other, a town hall that is being converted to an archival library, will be completed in two years. Next Hartzog is investigating the possibility of designing a St. Louis hotel and casino.

“He’s a very quick learner,” said Thomas L. Thompson, professor of architecture. “He’s a very energetic student, very intense and hungry to learn about architecture. In the classes Rob took with me it was never a question of what he could or couldn’t do, just a matter of what he wanted to do.”

Hartzog, who will enroll in the School of Architecture’s master’s degree program next year, uses an interpreter in the classroom but otherwise he relies on his own lip-reading skills to understand people and his limited voice skills to communicate with them.

“At first it was fascinating to watch your words turn into the hand signals of the interpreter,” said Thompson. “Once you get used to it you don’t notice it anymore and you just have normal conversations. It is astonishing how well Rob can communicate his ideas and he is certainly not afraid to ask questions.”

Hartzog learned to be self reliant as a teenager. His mother, the president of her own marketing firm, traveled frequently. “I really learned how to think critically, I learned philosophy, you do certain things. All this changed my attitude a lot, now I can imagine more possibilities.”

Engineering student will bring new-found knowledge back to native Kenya

At times, 23-year-old Patrick Gituku feels as if he lives in the large lab on the third floor of Lopata Hall. His native home, however, is far away, in Nyeri, a Kikuyu village nestled in the heights of Mount Kenya. As an African, he said he will return to Kenya for a few months armed with a college in engineering and chemistry and eventually will bring what he has learned at Wash-ington University to help fellow Kenyans face the engineering and financial chal-lenges of his country.

“I do not like brain drain,” Gituku said. “As a Kenyan, I feel I should help my country if I would like to come back to the United States, get my MBA in finance and work for the World Bank in a way that I can blend my engineering and finance skills to finance development projects in Africa, especially in my country.”

Gituku, who also enjoys writing, was born and raised in Nyeri, a small county of Kenya, but, like the rest of his family, always has thought of Nyeri as home. Nyeri is where most of his family and other members of the Kikuyu tribe, the largest of about 40 tribes in Kenya — live as agricultural farmers. In Nairobi, Gituku had an urban upbringing, attending a national high school in the country, and picked up many of the professional skills of his immediate family, his father recently retired from 30 years in finance, his mother is a published fiction writer and his two older brothers are engineers.

Gituku came to the United States at the age of 18 when he arrived in the tiny town of Canton in far upstate New York to begin college at St. Lawrence University, which has a strong study abroad program based near Nairobi.

"I'm very pleased to be the first hearing-impaired person to enroll in undergraduate architecture at Washington University."
Johnston was given a second chance to was born. And from early childhood she has had a strong interest in Japanese cul-
ure. Her parents lived in Japan before she went abroad in Japan studying educational system — Japan. An East Asian Studies Program, said that experience provided Johnston with the most advanced
interest several Washington professors took in her academic pursuits, Johnston said. "I've had really good relationships with a few professors who have done nothing but encourage me and I'm really grateful for that.

Johnston said while Japanese society is not nearly as rigid as in Singapore or some other Asian societies, misconceptions and prejudice about foreigners, particularly Americans, exist. Johnston said she con-
ostantly was asked if she had a gun in her bag. "There's a real view of Americans as gun-toting boozehounds. While the recent fatal shooting of two Japanese students in Los Angeles was a blip in the American media, in Japan it was covered so exten-
sively you can't imagine, on the front page for days on end and every night on TV news. I don't think Americans realize how seriously the Japanese take that. They can't imagine people are allowed to own guns.

Johnston said it's a real fight for many Japanese students to study here, especially young women, because their parents are worried about the danger. Such concerns are beginning to drive a domestic impact, she said, as a lot of Japanese students are heading to England where there is stricter gun control.

Johnston's academic interests focus on Japanese students who live and study abroad. Her honors thesis investigates the ways those young people are "reintroduced" to the educational system when they return to Japan.

The Japan Ministry of Education "expects these young people will have developed international, cultural qualities that they can diffuse among the general population of Japanese young people and by learning to internationalization the Japanese education system," she said. Johnston added, however, that such students are met with a lot of ambiva-
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Johnston said while Japanese society is not nearly as rigid as in Singapore or some other Asian societies, misconceptions and prejudice about foreigners, particularly Americans, exist. Johnston said she con-
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Johnston said it's a real fight for many Japanese students to study here, especially young women, because their parents are worried about the danger. Such concerns are beginning to drive a domestic impact, she said, as a lot of Japanese students are heading to England where there is stricter gun control.

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"I've had really good relationships with a few professors who have done nothing but encourage me and I'm really grateful for that.
McIntyre earns admiration, affection of business classmates, faculty

McIntyre puts his mother at the top of his list of heroes, a list that involves his mother, Lorinda, and Jesus. McIntyre's mother, Alberta, raised him by herself in Florissant. She was the first of 12 siblings to get a college degree, and, at the age of 50, earned a master's degree with honors.

The most important lesson Alberta taught her son was the importance of hard work, a lesson she has taken to heart. McIntyre's list of accomplishments is impressive. On May 20, he will graduate with a master's degree in business administration (MBA) from the John M. Olin School of Business with a grade point average of 3.7.

While a full-time student, McIntyre worked 20 to 30 hours a week as an investment banking intern at A.G. Edwards. In addition, he served as a student placement officer for the Graduate Business Association at the business school and corporate liaison for the Missouri Minority Council. He also served on the school's Weston Liaison on the Business Minority Council.

McIntyre is a natural leader. In one course, students in teams were assigned certain roles. McIntyre wasn't the CEO in his group, but members of his team invariably turned to him for leadership, Mueller said.

After graduation, McIntyre will become a senior consultant with Deloitte & Touche in St. Louis, where he will work with executives of major financial institutions to help shape their strategic decisions. That's exactly what he wanted to do several years ago while he and his wife were living in New York City — return to his native St. Louis to be with his close extended family and work in financial services.

When he left St. Louis more than a decade ago, McIntyre went to Yale University, where he received a bachelor's degree cum laude, in psychology and Afro-American studies. He originally intended to go into clinical psychology, but ultimately became interested in consulting and investment banking. He said that's not as big a switch as it may seem on the surface.

"It's the whole idea of incentives, what's going on behind those numbers. The numbers are telling a story. It's like a puzzle.

You look at a financial statement and ask: What is this really telling me?"
Non-traditional student balances medical school, music, motherhood

Jacqueline Hoffman, Ph.D., who will graduate from the School of Medicine at age 42, grew up but her third child a week before beginning her second year of classes. For some, that would have meant copying a lot of lecture notes from friends. But Hoffman did not see it as a reason to cut classes. And the baby, born with Down syndrome, was different as an older student. "After all, I was in college when some of my classmates were born," she said. She believes important life experiences she had before medical school, such as an older sister who is an obstetrician, helped her through medical school is not a decision Hoffman regrets. Getting a medical degree is a step along the way towards Hoffman's long-term goal. She plans to do a residency in pediatrics and a combined fellowship in genetics and neonatology. "I would like to be a neonatologist who understands the underlying genetic problems," she said. Hoffman thinks her oldest child, 9-year-old Allison, understands her mother is doing something she has to do. "But there are things I wish I had more time to do with her, like family concerts and things like her violin. I think Jonathan, who is 6, has been the hardest hit by it because he is not old enough to understand. You've said: 'In spite of it all, the baby, Amy, is even more attached to her than my children.'" Like many two-career couples, Hoffman and her husband share the responsibilities at home. She said he is a good cook, and she does the laundry.

"We have had to make compromises in our lifestyle though," she said, admitting it was hard to go from making a salary to paying tuition. But playing for the St. Louis Philharmonic and her quartet, the Landolfi String Quartet, has not been a sacrifice. Hoffman began playing the cello at age 7 and professional cello at 15. She played through college, graduate school and now medical school.

"I just like doing it," she said. "It's away from science and scientists."

Medical student Jacqueline Hoffman, Ph.D., enjoys playing the cello on the side — away from science and scientists.

Two-term Student Union president improves ethnic, gender relations

S

Two-term Student Union president Gregory Walker said he'll live to serve his former fellow senator someday. But if he wins he "won't sit around and bash Congress." Instead, he said, he'll work on problems.

Walker has taken much the same approach as his predecessor: President of the Student Union at Washington University. The senior economics major hopes to use his position to attack bureaucracy in the student government and help knit the student body together, while celebrating different cultures.

Walker has long been involved in student government; he was elected president of his junior and senior high school classes. And during his sophomore year at Washington University, he became involved in the Association of Black Students (ABS), serving as the political affairs chair. It was an interesting position that he loved because he worked as a liaison between the ABS and everyone he helped. As a member of the administration and student leaders.

Later that year ran for Student Union senate, finishing third overall. During his senior year, he was elected assistant senate president. He said the senate is a lot of "in-fighting," he said. "The administration was reluctant to listen.

He instead considered running for ABS president. But an incident that happened at the end of his senior year changed his mind. An all-male group called the Patriarchy applied before the Senate to become a recognized student group. The Senate rejected the group, Walker said, that subtly advocated violence against women.

The Senate, to his surprise, supported the group. Fortunately, Walker said, the Student Union senate voted against the group and it never became a recognized student organization.

"If he hadn't been there to veto it, there would have been serious problems," Walker said. "It was a good thing."

Walker said he is impressed with the University's willingness to listen to students on major decisions. "If you're thoughtful and you do your homework and you make sense, people will listen to you," he said. "That's the good thing about Washington University, a bunch of 19-year-olds can affect 50-year-old policies if they make their case well. It's good to have that much impact," he said.

Following graduation, Walker will enter Yale Law School, where he plans to focus on international trade law. Originally from the Philadelphia area, Walker hopes some day to run for office there. He has been involved in Montgomery County, Pa., politics for some time, serving as a Democratic committeeman. In that role, Walker cast votes for leadership of parties, helped get people out to vote, supported fund-raising events and endorsed candidates. He served even while at Washington University, with his father acting as proxy for him or on votes. "He'd mail information to me and I'd make a lot of phone calls," Walker said.

While Walker is active in politics with his father, he said he gets as much of his zest from his mother, who has been involved with the local school board and the Parent-Teacher Association. After graduation Walker will work in a summer intern program at the White House in Washington, D.C. He said he has enjoyed his experiences at Washington University and knows he is better prepared for the future.

During the first presidential debate of 1992, which was held at Washington University in October, Walker met the Clintons and had a chance to speak with former President George Bush. "I felt like it was an hour that I was talking to President Bush, when it was probably in fact only 30 seconds. He asked me four or five questions."

"Of course," and the full-fledged Demo- crat. "I was happier he would lose."

Derek Walker someday hopes to run for public office in Pennsylvania, his home state.

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EIGHTEEN WASHINGTON UNIVERSITY FACULTY

EIGHTEEN MEMBERS OF THE WASHINGTON UNIVERSITY FACULTY will attain emeritus rank by the end of the 1993-94 academic year. This honor, which recognizes their teaching, scholarship and service, has reached a peak in recent years. The following faculty members were among those honored:

George R. Drysdale
Professor emeritus of biochemistry and molecular biology

Drysdale came to St. Louis in 1933 to work as a postdoctoral fellow in the laboratory of Dr. Mildred Cohn, Ph.D. He joined the School of Medicine faculty in 1940 and has pursued an interest in understanding the chemical reactions involved in various metabolic processes. His research on enz

Professor emeritus of mathematical systems

Robert J. Hickok
Professor emeritus of mathematics

Hickok has been a professor at Washington University since 1959, concentrating on mathematical theory at the graduate level. His specialty is graph theory and topological methods in the theory of functions. A native of Toronto, Canada, Hickok received his bachelor's degree in 1944 and his master's degree in 1945 from the University of Toronto. He received his Ph.D. in 1948 from Harvard University, and was a research assistant professor of mathematics at the Johns Hopkins University from 1950-54 and the University of Notre Dame from 1954-1959 before coming to Washington University.

James A. Jenkins
Professor emeritus of mathematics

Jenkins has been a professor of mathematics at Washington University since 1959, concentrating on theoretical computer science at the graduate level. His specialty is graph theory and topological methods in the theory of functions. A native of Toronto, Canada, Jenkins received his bachelor's degree in 1944 and his master's degree in 1945 from the University of Toronto. He received his Ph.D. in 1948 from Harvard University, and was a research assistant professor of mathematics at the Johns Hopkins University from 1950-54 and the University of Notre Dame from 1954-1959 before coming to Washington University.

Norman P. Knowlton Jr.
Professor emeritus of clinical medicine

Knowlton joined the faculty in 1951. He has been medical director of the Carrie Ellington Geiser Home, a St. Louis nursing home, and the Carrie Ellington Mallickrodt Chemical Works. He was a consultant to Union Carbide and the Missouri Department of Public Service. From 1962 to 1989, Knowlton served as the director of the Medical College of Virginia in Richmond, Virginia. He has served as president of the American College of Radiology since 1980 and was named to the Who's Who in American Medicine and Science in 1984.

Helen E. Nash
Professor emeritus of clinical medicine

Nash has been at the Washington University School of Medicine for 43 years. Nash graduated from Spelman College in Atlanta in 1948 and Meharry Medical College in Nash-
takers eight hours to keep the pig liver cells in the bioartificial liver’s blood stream. But the team didn’t have eight hours.

“We brainstormed, realizing we had to act quickly,” Whitehead said. “We had to keep the pig cells separate from the patient’s blood cells to avoid bacterial infection or immune reactions, which could be fatal. That’s when I suggested my thesis design. The whole idea of getting the cells to work in the School of Medicine. A fellow of the American Psychiatric Association, Whitehead, from Feb. 1993 as professor emeritus of clinical psychiatry.

Student’s modifications to bioartificial liver treatment eliminate danger, speed process — from page 1

H. Mitchell Perry Jr.

Professor emeritus of medicine

Perry, professor of medicine and director of the Department of Medicine at the University of Kentucky, has developed a treatment for acute liver failure called extracorporeal liver support system. He is due to defend his dissertation on Aug. 3, 1993. His committee has granted him permission to keep the project on hold until his research is completed.

H. Mitchell Perry Jr.

Professor emeritus of medicine

For his work the previous year, Perry was selected to receive the American Society for Clinical Investigation’s Distinguished Mentorship Award. Perry, who has been a leader in the field of bioartificial liver treatment, has been granted emeritus status by the School of Medicine.

Perry, formerly the Selman and Herma Seldin Professor of Medicine, joined the faculty of the School of Medicine in 1976, continuing research he started at the University of Arkansas School of Medicine in Little Rock, where he earned his medical degree in 1948. Perry, a specialist in infectious diseases, was chief of the bioartificial liver program.

The public generally doesn’t know that many medical problems are caused by nervous problems, and that these include concepts in mechanical, electrical and chemical engineering,” he said. “At one time, there’s been a clear definition of a nervous system, but now it’s more like it’s a chemical engineering plant. People don’t know that the first time it was discovered this was in chemistry from Northern Kentucky University in 1979, there was a definite degree in chemical engineering at Ohio University, Athens, in 1982. He came to St. Louis in 1983 to work as a research associate in refinery corrosion for Petrofite Chemical Co., where he worked on engineering problems until 1989. He started in the chemical engineering associate professor program that year at Washington University. His original advisor was Dr. David E. Sprouse, then a visiting professor of chemical engineering at Washington University (now on the faculty of Vanderbilt University), who completed his Ph.D. in 1990 and went to Missouri Co. to work on an independent project with Li. In the fall of 1993, he joined Li, who had completed his work at St. Louis University, so he was able to continue his work with physicians. Whitehead said his success does not surprise Ramachandran, his thesis co-adviser.

"Tim is an excellent student, highly motivated and hard-working,” said Ramachandran, who specializes in reactor design, mass transport and mathematical modeling. He has done considerable mathematical modeling of artificial kidneys and dialysis. Ramachandran was able to win his first patent in 1990, which he received for an invention in the field of biotechnology.

"It is a great achievement," said Robert C. Smith, also a professor of medicine and director of the University faculty since 1963 as a full professor in the School of Medicine. Smith, who has practiced cardiology, is the son of a professor of medicine and director of the University faculty since 1963 as a full professor in the School of Medicine.
**Exhibitions**

"Bachelors of Fine Arts." Through May 22. Gallery of Art, upper gallery, St. John's. Hours: 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. 868-7080.

"Paracelsus, Five Hundred Years." Through July 15. Glazer Gallery, School of Medicine Library. Hours: 9 a.m.-9 p.m. weekdays; 1-5 p.m. weekends. 368-7080.


"Core Show." Features works of first-year and sophomore art students. Through May 22. Gallery of Art, upper gallery, St. Louis. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. 368-6937.

**Lectures**

Thursday, May 19

Nor. Genetics seminar: "Inherited Neurodegeneration and Ion Channels in C. elegans", Monica Doherty, prof., Dept. of Molecular Biology and Biochemistry, Rutgers U., Piscataway, N.J. Room 423, McDonnell Medical Sciences Bldg.


Friday, May 20

9:15 a.m. Pediatric Grand Rounds, "Epilepsy: Current Concepts in Clinical and Therapeutic Considerations," Blaise F.D. Bower, prof., of pediatrics and pediatrics and director, Epilepsy Center and Neurodevelopmental Disorders, St. Louis Children's Hospital. Clifton Aud., 4950 Children's Place.

Monday, May 23

4 p.m. Immunology seminar, "Eis and Restaurant Colitides to Regulatory T Cell Activation," Jeffrey M. Leiden, prof., Dept. of Medicine and Pathology and chief, Section of Cardiology, U. of Chicago. Third Floor Aud., St. Louis Children's Hospital.

Tuesday, May 24

8:30 a.m. Center for the Deaf Seminar: "Aural Rehabilitation in Progression: From Orthotics to Pulpation and Ubiquitous Hearing Systems". (See calendar above for reception information.)

Wednesday, May 25

7:30 a.m. Obstetrics and Gynecology Grand Rounds, "How to Identify and Deal With Combitant Patients," Marje Brine, training coordinator, BJC Health System. Security Department, Clifton Aud., 4950 Children's Place.


Thursday, May 26

Nor. Genetics seminar: "Is There a Genetic Basis to Alzheimer's Disease?" Danielia S. Gerhard, ass't prof., depts. of Genetics and Psychiatry. Room 816, McColl Medical Sciences Bldg.


**Friday, May 27**


**Thursday, June 2**

Nor. Pediatric research seminar, "Hannahsulph, Influenza Attachment," Joseph W. Stegeman, prof., of pediatrics and Molecualr Microbiology. Third Floor Aud., St. Louis Children's Hospital. 454-6128.

**Friday, June 3**

9:15 a.m. Pediatric Grand Rounds, "Epilepsy: Current Concepts in Clinical and Therapeutic Considerations," Blaise F.D. Bower, prof., of pediatrics and pediatrics and director, Epilepsy Center and Neurodevelopmental Disorders, St. Louis Children's Hospital. Clifton Aud., 4950 Children's Place.

Friday, May 20

8 a.m. Degree candidates assemble. Brookings Quadrangle.

8:30 a.m. Commencement, Brookings Quadrangle. (Rain time: 10 a.m.) Immediately following Commencement, the doors of the various divisions will hold a series of receptions where diplomas will be distributed individually. Refreshments will be available for members of the graduating class, their families and friends.

College of Arts and Sciences: Diploma distribution and reception, north side of Graham Chapel. (Rain location: west side of Olin Library.)

George Warren Brown School of Work: Diploma ceremony in Graeham Chapel; reception immediately following on east lawn of Brookings. (Rain location: Brown Lounge Hall.)

Graduate School of Arts and Sciences: Honors and recognition ceremony, Edison Theatre; reception immediately following in Gallery and Theater, lower level of Mallinckrodt Center.

John M. Olin School of Business: Diploma ceremony in Field House, Athletic Complex.

133rd Commencement

The ceremony will conclude with music by the Missouri Mighty Concert Band of St. Louis, directed by Dan R. Preston, director of instrumental ensembles at Washington University. Rosalie Hannah Toubes, a gradu- ate student in the Department of Music, will sing "America the Beautiful." Following the music, William M. Dessoir, chair of the Board of Trustees, will address the graduates. Chancellor William H. Danforth then will introduce Bradley.

Described as one of the most eloquent and prophetic speakers on the issue of race relations in this country, Bradley has estab- lished himself as a serious voice in the national dialogue on racism and discrimination.

From a socioeconomic standpoint, he has stressed that by the year 2000, only 57 per- cent of the people entering the workforce will be native-born whites. In a keynote speech at the 1992 Democratic Convention, Bradley reiterated his strongest position that "we will all advance together, or each of us will be diminished." As part of his Washington University address, Bradley will discuss the rapidly changing world and the importance of today's graduates as they prepare for it. Bradley, who was born in the Crystal City, Mo., is widely known as the author of the

**Special Events**

For more information about any of the following events, call the Senior Hotline at 935-5909.

Thursday, May 19

8:30 a.m.-5 p.m. Cap and Gown Pick-up. Lamb's Lounge, Room 303 Mallinckrodt Center.

11 a.m. Eliot Honors Convocation for honor students, their families and guests. Field House, Athletic Complex.

2 p.m. School of Engineering and Applied Sciences Recognition Ceremony for under- graduates. Field House, Athletic Complex. Recognition immediately following in Lapota Gallery.

4:30 p.m. College of Arts and Sciences Recognition Ceremony for the Class of 1994. Quadrangle. (Rain location: Field House.)

5 p.m. Commencement Reception at the Rosie. Dancing and dessert for students, faculty, administrators, families and friends.

Saturday, May 21

11 a.m. Commencement, Field House, Athletic Complex. Recognition immediately following on Steinberg Terrace. (Rain location: Gallery of Art, Steinberg Hall.)

University College: Diploma distribution by alumni and friends of the university. The following programs begin at noon.

Health Administration Program: Diploma ceremony in Field House, north of the College of Arts and Sciences.

School of Law: Diploma ceremony in the C. Eggertson Dining Hall. (Rain location: Field House, west of the School of Law.)

School of Medicine: Diploma ceremony in the Cervantes Convention Center, America's Center, 901 Convention Plaza. Following the program and diploma ceremony immediately will follow in the Lecture Hall, 454-6200.


**May 19–June 4**

Provisional Fee Tax, which eventually became the Tax Reform Act of 1986. He succeeded in sharply reducing tax rates for all Americans and eliminating most of the loopholes in the tax code. Because tax reform dramatically simplified the Earned Income Tax Credit (EITC), families with children, one observer called it the most important welfare reform program in 15 years.

A 1965 graduate of Princeton University, Bradley was awarded a Rhodes Scholarship to Oxford University, where he received his graduate degree after studying politics, philosophy and economics.

After returning from Oxford in 1967, he played professional basketball for 10 years with the Harlem Globetrotters.

Elizabeth W. Farrell, senior class presi- dent, will give the student Commencement Address.

Danforth will confer the academic degrees, assisted by Provost Edward S. Macias, Ph.D. The chancellor then will deliver his message to the graduates.

Kristiane Marie Cheetham, a graduate student in the Department of Music, will conclude the ceremony by singing the Alma Mater.

Following the Commencement exercises, the doors of the various divisions will hold receptions where individual diplomas will be presented. There will be a schedule and calendar above for reception locations.

Staff Day honors employees’ efforts

S staff members will be recognized for dedicated service on Staff Day, May 23. The annual event includes a gift for every staff member and a special event on campus, ranging from a botani- cal walk to bingo. This year’s event begins at 11 a.m. with the Staff Service Award and Recognition Ceremony at Edison Theatre. Staff activities and exhibits will be held from 1 to 3 p.m. For more information, call 935-5900.

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David Mamet play, Mark Morris Dance top Edison Theatre's 22nd season

T he 1994-95 Edison Theatre "OVATIONS!" season offers a wide range of spectacular theatre, music and dance events. The 22nd season features numerous St. Louis premieres, one world premiere, which is in collaboration with the Washington University Performing Arts Department, and the return of popular performers Kronbuhl Quartet, Romeni and Spalding Gray.

"OVATIONS!"

One of the season's highlights, the national tour of the controversial and searing play "Oleanna," by Pulitzer Prize-winning playwright David Mamet, begins its run in St. Louis on the Edison stage this weekend. "Oleanna" tells the audience’s edgewise on the confusion and rage that develops between a male professor and his female student. The controversial "Oleanna" by Pulitzer Prize-winning playwright David Mamet lets the audience edgewise on the confusion and rage that develops between a male professor and his female student. The intense casts of actors include student Elinor, a junior, and a male professor. The play explores themes of power, sex, and consent. "Oleanna" is a thought-provoking play that challenges audience members to consider their own biases and beliefs.

During the fall semester, the students work on a proposal, which requires drawings, site selection, a budget, and models of the suggested work. After practicing in front of their professors, the students visit city hall in January.

The “Rain Main" is a fountain-sculpture by sculptor Gregory W. LePage, one of five student sculpture projects recently created. "The Rain Main" and another sculpture remain on display in University City through May 26. The sculptures all were commissioned by the University City Commission of Arts and Letters.

In addition to Calhoun's project, which is on Delmar Boulevard near the University City post office, juniors Anna Abney and Melissa Parsons collaborated on an unstructured project that involved wrapping mesh netting around several tree trunks in front of the post office and adding fabric leaves and grapefruit-sized objects in the tree branches. Each sculpture is made from cloth in plastic and fell off over time, like live branches and leaves do.

The sculptures are being commissioned by the University City Commission of Arts and Letters. In addition to Calhoun's project, which is on Delmar Boulevard near the University City post office, juniors Anna Abney and Melissa Parsons collaborated on an unstructured project that involved wrapping mesh netting around several tree trunks in front of the post office and adding fabric leaves and grapefruit-sized objects in the tree branches. Each sculpture is made from cloth in plastic and fell off over time, like live branches and leaves do.

The controversy surrounding "Oleanna" by Pulitzer Prize-winning playwright David Mamet lets the audience edgewise on the confusion and rage that develops between a male professor and his female student. The intense casts of actors include student Elinor, a junior, and a male professor. The play explores themes of power, sex, and consent. "Oleanna" is a thought-provoking play that challenges audience members to consider their own biases and beliefs.
Students now can find out about job opportunities and obtain other career information while relaxing in their rooms in the residence halls or back at home, visiting a computer lab on campus or studying abroad.

The Career Center recently connected to the Internet computer network, which is accessible through Washington University's Gopher Server. By signing on to the Internet system, students can ask the Career Center staff questions or offer suggestions on other career resources they would like to view on Internet. Other colleges are beginning to include career information on Internet too, so students can learn about job opportunities from around the world. Cindy Brown, the career librarian, recently relayed job and career information via electronic mail to three Washington students who were studying abroad in Canada, France, and another student who attended the London School of Economics. The students can obtain Career Center information through Internet. "My collection is a combination of works on a dissertation in the field and my interest in collecting books," Tripp said. "It consists of books about legal history covering everything from the Magna Carta to the 19th century. The books deal with the legal profession and have a strong political account.

Jeremy Wilkins, a senior who is graduating this year with a bachelor of arts degree in German studies, received first place in the undergraduate category for his collection, "The J. Patout Burns Divinity Collection." "I named my collection after Dr. Burns, who is the Thomas and Alberta White Professor of Christian Thought and also the chair of the Religious Studies Program. He has been a real mentor for me and inspired me to get interested in Christian theology," Wilkins said. "Calling it a divinity collection is deliberately vague. It's not exactly theology, not exactly philosophy, not exactly mysticism. The unifying theme is that all are writings about God." Second place in the undergraduate category went to Ted Stevko, a junior studying fine arts, for his collection of "The Art Form of Cartooning." "My collection is a combination of comic books or books about the art of cartooning in general," Stevko said. "It includes Calvin and Hobbes, Foreign Correspondent, Sandman, which is popular now, Cerebus, which is an odd and generally unknown comic book. I have signed copies, rare and unusual comic books, as well as more common ones."

### Computer network provides job information

### Student book collection contest draws record entries

Comics and theatrical writings were among the four student book collections singled out in the seventh annual Carl Neureuther Student Book Collection Competition. The collections of four students—two graduate and two undergraduate—were chosen from a field of 28 entries.

"I was very impressed by the intellectual vigor of the entries," said John W. Hopkins, Ph.D., professor of biology, who served as one of four judges. "These weren't casual collections. They were very, very creative, very intellectual. I learned a great deal from them. It was a very, very difficult decision to make."

Marianne Erickson and Robert Tripp were selected in the graduate category. Erickson, a Ph.D. candidate in comparative literature and German, received first place for her collection of "The Writing of Uwe Johnson." Johnson is a 20th-century German writer whose work gained renewed interest when the wall came down between East and West Berlin. Tripp's collection, which was dedicated to English history, was run-up for his collection of "English Legal History: Eight Hundred Years of Law and Literature." "My collection is a combination of works on a dissertation in the field and my interest in collecting books," Tripp said. "It consists of books about legal history covering everything from the Magna Carta to the 19th century. The books deal with the legal profession and have a strong political account."

Jeremy Wilkins, a senior who is graduating this year with a bachelor of arts degree in German studies, received first place in the undergraduate category for his collection, "The J. Patout Burns Divinity Collection." "I named my collection after Dr. Burns, who is the Thomas and Alberta White Professor of Christian Thought and also the chair of the Religious Studies Program. He has been a real mentor for me and inspired me to get interested in Christian theology," Wilkins said. "Calling it a divinity collection is deliberately vague. It's not exactly theology, not exactly philosophy, not exactly mysticism. The unifying theme is that all are writings about God."

Second place in the undergraduate category went to Ted Stevko, a junior studying fine arts, for his collection of "The Art Form of Cartooning." "My collection is a combination of comic books or books about the art of cartooning in general," Stevko said. "It includes Calvin and Hobbes, Foreign Correspondent, Sandman, which is popular now, Cerebus, which is an odd and generally unknown comic book. I have signed copies, rare and unusual comic books, as well as more common ones."

### Gallery of Art closes for June and July

The Gallery of Art will be closed in June and July, Joseph D. Ketter, director of the gallery, has announced.

The gallery will re-open on Aug. 15, with a major show titled "The Gallery of Modern Art at Washington University." This exhibit, which will be on display until Oct. 16, will showcase the gallery's masterpieces. A full-color catalog will accompany the show.

The Gallery of Art is ranked among America's finest university museums.

In its collection, which includes 25 Picassos as well as works by Diego Cabrillo Bingham, Willem de Kooning, Robert Rauschenberg and Frederick E. Church. More than 30,000 St. Louis visitors will visit the gallery each year; many more attend its special events.

For more information, call 935-5490.

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Student receives major honor for flood relief activities

In recognition of their outstanding efforts during the "Great Flood of 1993," Washington University students have been honored with a prestigious student volunteer award. The more than 500 students who participated in flood relief activities have been named finalists for the 1994 J. C. Penney Golden Belt Award, which is presented annually to the student volunteer organization that has the highest number of active volunteers.

Among the recipients are seniors.

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The winners — the most ever to receive the prize — are Jason S. Jacob, Harshikoh Murata, Andrea K. Stonecipher and Abheda Talapatra. They were named a finalist because their efforts during the "Great Flood of 1993," Washington University students have been honored with a prestigious student volunteer award.

Do not hallucinate.
Hilltop Campus
The following is a list of positions available on the Hilltop Campus. Individuals interested in any of these positions may apply by calling 935-5990. Note: All positions require three letters of recommendation.

Administrative Assistant
94012. Trustees of Board. Requirements: Some college or equivalent; typing 50 wpm; accuracy; efficient in word processing and data processing; creative in using and improving existing lists and forms, as well as devising new ones; enjoy bookkeeping; keep track of budgets and expenses and prepare reports for the Board of Trustees accounts; skilled in proofreading; reports; appreciate need for accuracy, even in routine things; interested in maintaining an organized filing system for efficient retrieval; pleasant with fellow workers and external constituencies; on the phone, willing to work occasionally outside of office hours for setting up meetings; five years secretarial experience required. Clerical tests required.

Supervisor, Scientific Computing
94022. Physics. Requirements: Master's degree, doctoral degree preferred; ability to supervise a small group of computing personnel; hardware, system analyst, experience; ability to handle multiple activities under pressure; physical stamina; typing 60 wpm with accuracy. Clerical tests required.

Financial Manager
94023. University College. Requirements: Bachelor's degree; typing 40 wpm with accuracy; four years' experience; accounting systems preferred; ability to handle several activities under pressure; accuracy; self-motivated; pleasant personality; and telephone communication skills; attention to detail. Clerical tests required.

Department Secretary
94027. Major Gifts. Requirements: Associate's degree or equivalent knowledge; specialized secretarial and business training; four years' general office experience; good command of English; must be alert and well-spoken; pleasant personality; able to relate easily to people; typing 35 wpm with accuracy. Clerical tests required.

PC Systems Manager
94028. Engineering. Accounting. Requirements: Bachelor's degree; should demonstrate a high level of skill in debugging and troubleshooting system setup and software installation problems; experience with Macintosh, DOS, Windows and UNIX; familiarity with networking and network operating systems; management experience in a structured language highly preferred; good personal communication skills; resumes accepted.

Interlibrary Loan Borrowing Assistant
94029. Olin Library. Requirements: Four years of college or equivalent experience; degree in library science preferred; ability to communicate verbally and in writing with the public in a pleasant business manner; ability to do computer tasks quickly and accurately; bibliographic skills; pleasant personality; able to work independently; ability to handle multiple priorities; mature, well-groomed, pleasant personality; ability to relate easily to people; typing 50 wpm with accuracy. Clerical tests required.

Research Technician
940230. Biology. Requirements: Bachelor's degree in biological sciences; conscientious, meticulous and careful. Responsibilities: Conducting research at the bench, note keeping and maintenance of lab records and strain collections. Resume required.

System Administrator
940233. Computing Laboratory. Re-quirements: Bachelor's degree; experience with TCP/IP and AppleTalk networks desirable; excellent oral and written communication; fluency in multiple versions of UNIX preferred. Resume required.

Researcher
940235. Development Services. Require-ments: Bachelor's degree; liberal arts back-ground preferred; strong research and writing skills; good command of English; typing 50 wpm with accuracy. Resume required.

Programmer Analyst III
940255. Computing and Communications. Requirements: Bachelor's degree; good language and people skills; ability to work with minimal supervision; ability to learn quickly and adapt to new circumstances; experience with use and management of desktop computers; knowledge of desktop hardware and software; a general understanding of the environment highly desired; familiarity with DOS, Macintosh systems; knowledge of Novell, AppleTalk, Windows, TCP/IP; networking highly desirable. Resume required.

Secretary
940256. University College. Requirements: Somatic and laboratory sciences; ability to undertake complex tasks and establish priorities under pressure; ability to meet public in a pleasant and professional manner; ability to handle correspondences; working knowledge of groups of users; office automation skills preferred. Resume required.

Executive Secretary
940258. General Counsel's Office. Require-ments: Some college and experience in a law firm strongly desired, preference for WordPerfect 5.1; self-motivated and able to perform duties with minimal supervision; typing 60 wpm with accuracy. This is a floating position between General Counsel's Office and the School of Medicine. Clerical tests required.

Administrative Assistant, Part-time
940259. Department of Russian. Require-ments: Some college, bachelor's degree preferred, experience in Russian language teaching desired; good command of English; excellent oral and written communication skills; fluency in Russian preferred; history of living abroad highly desirable; ability to work independently for long periods without instruction; ability to deal with interruption and diverse demands; commitment to professional development, including the promotion and development of new materials, the implementation of new language lab technologies; maintaining contact with audio-visual units on campus, and attendance at appropriate conferences/meetings within the field of foreign language and English as a Second Language technologies. Resume required.

Documents Assistant
940265. Law Library. Requirements: Some college, bachelor's degree preferred; typing 25 wpm with accuracy; experience with LEXIS and/or IBM computers desirable; attention to detail; must be reliable in following government regulations and library procedures; ability to learn new procedures and computer programs. Clerical tests required.

Coordinator of Experimental Computing
940267. School of Medicine. Require-ments: Bachelor's degree in business administration or computer science; programming compet-ence in Pascal and other languages, such as Basic and C; knowledge of and competence in personal computer networks; knowledge of non-traditional delivery of learning environments; working knowledge of IBM computer hardware and software; ability to supervise professional computer personnel, and handle several activities under pressure; must be able to deal with interruption and diverse demands; commitment to professional develop-ment, including the promotion and development of new materials, the implementation of new language lab technologies; maintaining contact with audio-visual units on campus, and attendance at appropriate conferences/meetings within the field of foreign language and English as a Second Language technologies. Resume required.

Assistant Librarian, Cataloging and Acquisitions
940269. Fond du Lac Library. Requirements: Bachelor's degree in library science from an ALA-accredited institution; five years professional experience in technical services in a law library; management and supervisory experience; knowledge of automated systems, INNOPAC experience preferred. Resume required.

Assistant Librarian, Serials
940261. University College. Requirements: Some college, bachelor's degree preferred, experience in serials work desirable; knowledge of pertinent technical services, including cataloging, serials and the mail. Salary is competitive and commensurate with credentials and experience. Position is available in June 1994. Inquiries and resumes should be sent to: Payz L. Couture, Associate Director, Fond du Lac Library, Campus Box 1171, St. Cloud State School of Law, One Brookings Drive, St. Louis, Mo., 63130-4899.

Associate General Counsel
940262. Department of Russian. Requirements: Some college, bachelor's degree preferred, experience in Russian language teaching desirable; good command of English; excellent oral and written communication skills. Resume required.

Administrative Secretary
940263. Graduate School of Arts and Sci-ences. Requirements: Some college; typing 40 wpm; available during odd hours required during the summer. Clerical tests required.

PC Support Technician
940264. School of Law. Requirements: Associate's degree, bachelor's degree preferred; extensive experience with IBM mainframes, add-on cards, hard disk drives, communication hardware and software; some network experience helpful; experience with a variety of personal computer-based software, specifically WordPerfect, Windows; experience with networked legal environments and data base; a strong DOS background; ability to stay on track regardless of inter-ruptions and to do so to a high professional standard; ability to work independently for long periods without instruction; excellent verbal communication skills. Resume required.

Administrative Secretary
940265. Language Lab. Requirements: Some college; typing 40 wpm; available during odd hours required during the summer. Clerical tests required.

Language Lab Director
940266. Language Lab. Requirements: Master's degree; training in computer-aided instruction; classroom use of audio-visual materials; information technology; post-secondary teaching desirable; knowledge of a language other than English; strong organizational skills; ability to work with people from a variety of backgrounds, grad- uate students and faculty with varied back- grounds and diverse nationalities; ability to provide positive relationships with students; ability to deal with interruption and diverse de-mands; commitment to professional develop-ment, including the promotion and develop-ment of new materials, the implementa- tion of new language lab technologies; maintaining contact with audio-visual units on campus, and attendance at appropriate con-fferences/meetings within the field of foreign language and English as a Second Language technologies. Resume required.

Medical librarian
940267. School of Medicine. Require-ments: Bachelor's degree in library science from an ALA-accredited institution; five years professional experience in technical services in a law library; management and supervisory experience; knowledge of automated systems, INNOPAC experience preferred. Resume required.

Network Engineer
940272. Biotechnology Center. Requirements: Bachelor's degree; typing 40 wpm; availability in five years experience in network design and supervision; working knowledge of TCP/IP and UNIX, experience in good organizational and telephone skills; typing 60 wpm; experience with WordPerfect.

Medical Gazaete
940273. Biotechnology Center. Requirements: Bachelor's degree, preferably in computer science; experience in five years experience in a medically related environment; knowledge of medical terminology; management experience, data base management, experience in good organizational and telephone skills; typing 60 wpm; experience with WordPerfect.

Social Worker MSW
940277. Social Work. Requirements: Bachelor's degree in social work or equivalent; two years experience in office as a social worker, case management, and/or legal assistant program; knowledge of business law, especially contracts and warrants, agency, insurance, etc.; knowledge of patent and licensing programs; some experience helpful. Responsibilities include providing technical review for contracts and agreements between the University and third parties, and suggesting modifications when appropriate.

Medical Secretary
940275. Pediatrics. Requirements: High school graduate or equivalent; typing 40 wpm; ability to expedite word processing experi-enced preferred, experience using DOS system highly preferred.

Clerk Typist II
940273-R. Ophthalmology. Schedule: Part-time, 20 hours per week, 10 a.m.- 2 p.m. or 2 p.m.-6 p.m. through Friday. Require-ments: High school graduate or equivalent; typing 40 wpm; ability to expedite word processing experi-enced preferred, experience using DOS system highly preferred.

Regular library staff
940274. University College. Requirements: Some college, bachelor's degree preferred, experience in technical services, including cataloging, serials and the mail. Salary is competitive and commensurate with credentials and experience. Position is available in June 1994. Inquiries and resumes should be sent to: Payz L. Couture, Associate Director, Fond du Lac Library, Campus Box 1171, St. Cloud State School of Law, One Brookings Drive, St. Louis, Mo., 63130-4899.

Serials Librarian
940275. University College. Requirements: High school graduate or equivalent; typing 40 wpm; ability to expedite word processing experi-enced preferred, experience using DOS system highly preferred.

Researcher
940276. Biotechnology Center. Requirements: Bachelor's degree; typing 40 wpm; availability in five years experience in network design and supervision; working knowledge of TCP/IP and UNIX, experience in good organizational and telephone skills; typing 60 wpm; experience with WordPerfect.

Network Technician II
940277. Biotechnology Center. Requirements: Bachelor's degree, preferably in computer science; experience in five years experience in network design and supervision; working knowledge of TCP/IP and UNIX, experience in good organizational and telephone skills; typing 60 wpm; experience with WordPerfect.

Assistant General Counsel
940278. Department of Russian. Requirements: Some college, bachelor's degree preferred, experience in Russian language teaching desirable; good command of English; excellent oral and written communication skills. Resume required.

Administrative Secretary
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