Hats off
2,190 are degree candidates at 126th Commencement

Some 2,190 students are degree candidates for Washington University’s 126th Commencement ceremony on Friday, May 15. An approximate total of 990 graduate and 1,200 undergraduate students are degree candidates.

Candidates for doctoral level degrees number 75 for the doctor of philosophy degree in the Graduate School of Arts and Sciences, 117 for the doctor of medicine degree; 17 for the doctor of science degree in engineering; 76 for the doctor of dental medicine degree; and 156 for the doctor of law degree.

Also invited to participate in the ceremonies are graduates who received degrees in August and December 1986 and alumni from the Class of 1937, who will march in the procession.

The academic procession will start at 8:30 a.m. in Brookings Quadrangle. In case of rain, the ceremony will begin at 10 a.m. at the St. Louis Arena, 5700 Oakland Ave.

Richard Coles, Ph.D., director of the University’s Tyson Research Center, will serve as grand marshal at the ceremonies. Isidore Silver, Ph.D., Rosa May Distinguished University Professor Emeritus of the Humanities, will be the honorary grand marshal. Student marshals representing each school will accept symbolic diplomas covered for their classes.

Chancellor William H. Danforth will confer seven honorary degrees.

The Commencement speaker, William G. Hyland, editor of Foreign Affairs, will receive an honorary doctor of laws degree. Considered one of the nations foremost Sovietologists, Hyland is a former national security adviser to Presidents Nixon, Ford and Carter. He will speak on American foreign policy at Commencement.

The six other candidates and their honorary degrees are: Eugene M. Bricker, M.D., professor emeritus of clinical surgery at Washington’s medical school, developed a series of surgical procedures that have aided thousands of cancer patients, doctor of science; George H. Capps, one of St. Louis’ most influential and productive business and civic leaders, is president of Volkswagen Mid-America and Capitol Coal & Coke Co., doctor of laws; Rear Admiral Grace M. Hopper, Ph.D., a mathematician and computer pioneer, is one of the driving forces behind the development of programming languages, doctor of science.

W. Maxwell Cowan, provost and executive vice chancellor at Washington University, has been elected to the American Philosophical Society, the oldest and, in some respects, the most prestigious learned society in North America.

Founded in 1743 by Benjamin Franklin, the American Philosophical Society consists of just over 600 members, drawn from all areas of academic and public life and is renowned for the quality of its semi-annual meetings and its publications.

Cowan, who is distinguished for his contributions to neurobiology, is a former head of the Department of Anatomy and Neurobiology at Washington University School of Medicine. From 1977-1980, he served as director of the Division of Biology and Biomedical Sciences. From 1981 to 1986, he was vice president of the Salk Institute for Biological Studies in San Diego.

Cowan is a member of the National Academy of Sciences and of the Academy’s Institute of Medicine. He is also a member of the American Academy of Arts and Sciences, a fellow of the Royal Society of London and an Honorary Fellow of Pembroke College, Oxford. In 1985 he received the Karl Spencer Lashly Prize for Neurobiology from the American Philosophical Society.

Most of the founding fathers of the United States belonged to the American Philosophical Society, including George Washington, John Adams, Alexander Hamilton, Thomas Paine, Baron Von Steuben, and the Marquis de Lafayette. Thomas Jefferson served the years that he was president of the United States (1801-1809) also served as president of the American Philosophical Society (1797-1814).

At present, 20 residents of the United States and 10 residents of foreign countries may be elected each year. The society’s headquarters are in Philosophical Hall, which is on Independence Square (formerly the State House Yard) in Philadelphia, Pa.

Four faculty named AAAS fellows

Four Washington University faculty have been elected fellows of the American Association for the Advancement of Science (AAAS). They are: Roger N. Beagly, Ph.D., professor of biology; Joel E. Brown, Ph.D., Bernard Becker Professor of Ophthalmology; Paul J. DeWeer, M.D., Ph.D., professor of cell biology and physiology; and Philip W. Majerus, M.D., professor of medicine.

The four are among 100 individuals elected fellows this spring. A fellow is a designation of distinguished achievement by AAAS, the leading scientific organization in the United States.

Beagly was elected for his pioneering work toward the development of virus-resistant food crop plants. The research could lead to widespread commercial production of virus-resistant plant seed, including tobacco, potatoes and other vegetables.

Brown’s research in physiology and biochemistry of visual processes led to his election to the association as a fellow. The association elected DeWeer for studies of active transport of ions through cell membranes, especially nerve cell membranes.

Majerus was elected for his contributions to hematologic molecular research.

AAAS currently has some 132,000 individual members and about 295 affiliated scientific and engineering societies and academies of science. The AAAS publishes the weekly journal SCIENCE.

Fun for everyone at Staff Day May 18

If you believe in the old adage “There’s no such thing as a free lunch,” be sure to attend the University’s 12th Annual Staff Day activities Monday, May 18. University staff will find this year’s Staff Day offers something for everyone, including a free lunch. Events planned for Staff Day, which was initiated to thank and recognize the University’s non-academic employees, include an award’s ceremony, sports, games and entertainment.

The fun begins at 11 a.m. in Edison Theatre with the presentation of service awards and a bit of entertainment (This year it’s a surprise!). Lunch will be served at 12:15 p.m. in Bowles Plaza. In case of rain, lunch service will be at 10 a.m.

During the summer, the Washington University Record will be published monthly. Following May 18, the issues will be dated June 4, July 2 and Aug. 6. The Record will resume weekly publication with the start of the 1987-88 academic year.

Continued on p. 3
Sprucing up

Students plant trees in city parks

"I think that I shall never see
A poem as lovely as a tree.
Poems are made by fools like me,
But only God can make a tree."

In all fairness to poet Joyce Kilmer, the powers that be are now receiving assistance from a group of Washington University student interns working in the St. Louis Reforestation Program.

The program, which involves the replacement of dead trees, as well as the addition of new trees to the city's 102 parks, was initiated by Nancy Rice, St. Louis Director of Parks and Recreation. Rice was responding to a presentation by Mike Soler, internship coordinator for the University's Career Center, who addressed city officials last summer to initiate the use of student services in special projects that involve research.

The affinity of urban needs and student services has resulted in a city-funded, student-managed, non-credit internship program that will employ approximately 25 students this summer. The academic major of these students range from business to fine arts and biology to computer science. Soler says he and city administrators hope to involve students from the University of Missouri-Columbia's forestry program and other universities and colleges in the St. Louis area.

The process involved in the reforestation program begins with the development of base maps and vital statistics for each park. Students then proceed to map and identify the location, species and condition of every tree in the park, as well as noting areas needing improvement. This information, along with photographs, artistic renderings of possible changes and recommendations from neighborhood groups, helps to determine where new trees will be planted.

In some cases, neighborhood groups have conducted historical research to recreate from old planning records the original flavor of a park. The Lafayette Square Restoration Committee has raised funds to plant 50 trees of the same type that were planted in Lafayette Park 150 years ago.

The program, which actually began in October 1986, is scheduled for completion in 1992. Each of the city's 102 parks, from the largest to the smaller neighborhood parks, will be evaluated and replanted.

Lori Miller, an engineering student at Washington and a graduate of the University's School of Architecture, has been appointed director of the program. One of the 15 students who will work in the program on a full-time basis this summer, Miller considers the job an "excellent opportunity."

Her responsibilities as director involve coordinating the efforts of the students, the parks department, and community organizations, as well as taking care of scheduling and payroll.

"What we'd like to do is identify as many trees as possible this spring and summer while the trees are blooming," says Miller. "This winter, when the trees are barren and difficult to identify, we'll begin meeting with the various neighborhood groups to show slide presentations and renderings and discuss raising additional funds for the trees."

While some students will be involved in the identification and inventory of the trees, others will work with neighborhood groups in planning planting projects. Still others will photograph the parks as the trees lose their leaves and offer renderings of possible changes for each park.

The students will be working closely with Optimist- managed workers in making presentations to neighborhood groups. All of the information gathered will be entered by students into a computer bank for future reference.

"There aren't any practicing internships for fine art students," says Soler. "What's nice about this program is the students can apply their artistic skills in a practical environment and earn money." The drawings will be shown to community organizations and aldermen to show the potential beautification for each park. This is part of an effort to involve the community in raising funds for trees," says Soler. "Trees are very expensive."

Herman Smith, commissioner of parks for St. Louis, says the city parks lose approximately 500 trees a year and until now, funds to replace them have not been available. Smith says the city now has funds to replace approximately 500 trees for the first year of the program. According to Smith, trees have been planted sporadically over the years and the loss of trees is for various reasons. Some species are more resistant to insect infestation than others and in some cases clusters of trees have been planted too close together or with the wrong species.

The real problem is that we might plant a specific cluster of trees that are susceptible to the same disease," says Smith. "With this program we'll have an inventory of the trees we've lost and the reason we've lost them. With that knowledge, we can replace those with trees that thrive in the St. Louis environment.

"Although the notion of internship programs is not new, Soler says the program is unique in its use of students as researchers. "Because of budget constraints, most governments have had to look at alternative resources to provide research. As governments services continue to shrink and the demands continue to grow, it only makes sense to utilize academic institutions as they would normally use consulting firms."

"What maintains that the program is beneficial to the city, the taxpayers and the students," Miller says, "is the job's economy and the real-time job. We are not being paid off campus. The students are receiving useful experience in planning a project from the ground up and the relationship between municipal governments and academic institutions.

Students interested in working in the reforestation program should contact Soler at 889-5930. Bridget McDonald

---

Sculptures created by students enhance U. City

The School of Fine Arts and University City have joined forces to establish a "sculpture laboratory" program. The program, sponsored by Washington University's Lewis Center and University City's Arts and Letters Commission, is designed to help citizens select art and assist aspiring artists in selling their works to communities.

Students at the University create a sculpture for a specific location and present it to a commission for approval. Several students have placed works in key areas of the community since the program began in January.

Graduate student Michele May placed her sculpture, "Gems," in Metcalf Park in University City. Her purpose in selecting this site is to put something in the park that reflects the environment that is usually not considered precious.

A second sculpture by undergraduate student Ellie Murphy is on the grounds of the University City Public Library. The work, called "Trash Bags," is constructed of plastic trash bags and gives the illusion of a large field of tall grass moving in the wind.

"Sun Dial Under a Shade Tree," by graduate student Chuck Haswell, is currently on display in University City's Heritage Park. "In this work, I am dealing with time and the absurd notion that anything is permanent, and the equally absurd notion that nothing is."

Several more pieces will be exhibited throughout the summer. The process is being documented on videotape in the hope it will help other cities and educational institutions across the country establish similar programs.

---

**Record**

Editor: Susan Kellenberg, 889-5254, Campus Box 1070
Assistant Editor: Bridget McDonald, 889-5392, Campus Box 1070
Editor, Medical Record: Joni Westerhouse, 362-8277, Medical School Campus Box 8069
Contributing writers: Delia Bernardo, Joyce Bono, Tony DiMartino, Regina Engelfrick, King McElroy and Carolyn Sanford
Photographers: Tom Heine, Stephen Kennedy, David Kilger and Herb Weissman
Washington University Record (USPS 600-410, ISSN 0745-2136), Volume II, Number 34, May 14, 1987. Published weekly during the school year, except school holidays, monthly in June, July and August, by News and Information, Washington University, Box 1070, One Brookings Drive, St. Louis, Mo. 63130-1070. Second-class postage paid at St. Louis, Mo.

Address changes and corrections:
Postmaster and non-employees: Send to: Washington University Record, Washington University, Box 1070, One Brookings Drive, St. Louis, Mo. 63130.
Hilltop Campus employees: Send to Personnel Office, Washington University, Box 1070.
One Brookings Drive, St. Louis, Mo. 63130-1070.
Medical Campus employees: Send to: Personnel, Hilltop Campus, Washington University, Box 1070, One Brookings Drive, St. Louis, Mo. 63130-1070.

---
Regatta revives sport missing since 1950s

For the first time since the early 1950s, St. Louis will be the site of a rowing regatta when the Washington University Crew Classic is held Saturday, May 16, at 1 p.m. at Creve Coeur Lake in west St. Louis County. Clubs participating in the inaugural regatta are Washington, Washburn University, Kansas University, and the St. Louis Rowing Club.

Seven different racing events for men and women will be contested during the regatta. Highlighting the Crew Classic is a men’s novice heavyweight 8 race between Kansas and Washington at 1 p.m. Washing-ton’s men’s novice lightweight 8 entry, which will compete in the heavyweight race against Kansas, finished second in the Midwest Championships at the University of Wiscon-sin on April 25.

The race course at Creve Coeur Lake recently was constructed with the help of the St. Louis Rowing Club and the St. Louis County Department of Parks and Recreation. According to Harry Kisker, vice provost and dean of students at Washington, it has taken a total group effort to pull off this event.

“It’s almost miraculous that we’re hosting a regatta,” says Kisker. “Just over a year ago, the idea of a crew team at Washington University was just a dream. We’re thankful for the St. Louis Rowing Club and their president Karl Hellman for playing such a critical part in this process. Without their help, none of this would have been possible.”

Andy Laine, doctoral candidate in computer science, founded the club on campus last spring and is now head coach of the Washington crew club. He noted that Creve Coeur Lake was the site of the international rowing competition in the 1904 Olympics.

“In future years, we would like to see the Washington University Crew Classic develop into one of the Midwest’s top rowing events,” said Kisker.

Dealing with stress one of 10 workshops offered

The Psychological Service Center of Washington University is sponsoring “How to Deal With Stress” — one of 10 workshops offered during the center’s summer 1987 session. The University’s Department of Psychology sponsors the center as a community service. All workshops are held in Eads Hall on the main campus.

“How to Deal With Stress” examines the causes and effects of stress with an emphasis on individual problem solving. Wednesdays, June 3 to June 24, 6 to 8 p.m., four sessions for $100.

“Recipe for Burnout” focuses on recognizing burnout warning signs and planning prevention measures. Tuesday, May 19, 7 to 8:30 p.m., $15.

“Women in Unfilling Relationships” explores women’s patterns of destructive relationships and helps develop new options in creating more satisfying relationships. Ongoing weekly sessions begin Tuesday, May 26, 6:30 to 8 p.m., $30 per month.

“Eating Disorders Group” offers therapy and support for those suffering from anorexia nervosa and bulimia. Ongoing weekly sessions begin Wednesday, May 27, 6 to 7:30 p.m., $25 per month.

“Relating to an Aging Parent” clarifies one’s responsibilities to aging parents, explores ways of communicating and solving problems with them, and heightens awareness of their needs. Thursday, May 28 and June 4, 7 to 9 p.m., two sessions for $25.

“Overcoming Grief” helps those who have lost a loved one by focusing on grief’s symptoms, the various stages of grief and how to work through grief. Mondays, June 1 to July 6, 6 to 7:30 p.m., six sessions for $60.

“Develop Your Personal Power: Women in the Workforce” emphasizes assertiveness skills, ways of coping with family and job responsibilities and how to develop a support network. Saturdays, June 6 and June 13, 9:30 a.m. to noon, two sessions for $50.

“Diet is a Four-Letter Word” focuses on changing life-styles and habits related to eating. Tuesday and Thursdays, June 16 to July 30, or Mondays and Thursdays, July 15 to Aug. 27, noon to 1 p.m., 11 weeks for $130.

“Excerpts from "Off Ten" highlights healthy menus, exercise, attitudes toward food and weight and weight problem behaviors for those with only a few pounds to shed. Thursdays, June 18, 7 to 9 p.m., $18.

“Creativity and Problem Solving for 5- to 3-Year-Olds” focuses on play activities, selection of toys and creative experiences for children and parents. Saturday, July 18, 9 to 11 a.m., $18.

For more information or to register for a workshop, call 889-6455 before the first meeting. Payment is due at the end of the first meeting.

Crow observatory sets summer viewing hours

The Washington University Observatory, located atop Crow Hall, will be open on clear Monday evenings (except May 25) this summer through at least the end of June. Viewing hours begin at dusk, and visitors must arrive before 10 p.m.

The planet Saturn and the Ring nebula, 5,000 light years away, are just two of the highlights visible with the historic telescope, with lenses that date to 1857. For more information, call 889-6276 during the day or 889-OBVS during viewing hours.

Rare computer stores ancient texts in classics dept.

Just thinking about Ibycus makes Kevin Herbert, Ph.D. smile.

Herbert is chairman of the Department of Classics at Washington University. Ibycus, named after a lyric poet of the sixth century B.C., is the department’s new computer that allows students and faculty to save time while conducting extensive research.

The computer has a disk that stores approximately three-fourths of the world’s Greek literature from about 750 B.C. to A.D. 600. The information machine is housed in the department’s Classics Study Center. Washington is one of 12 universities in the country to own an Ibycus computer.

The disk additionally boasts the entire Hebrew testament; an extensive selection of work by Latin authors, and some Christian Coptic writings. Coptic is an Afro-Asianic language descended from ancient Egyptian. The computer displays and prints all of the texts in their original alphabet.

“Ibycus is the only computer in the world that stores ancient Greek and Latin texts,” says Herbert, who along with his department colleagues Carl W. Conrad, Ph.D., Zola M. Packman, Ph.D., and Jeffrey S. Rusten, Ph.D., are using the new computer technology. “We are on the cutting edge of research in the original languages of Latin and Greek. Rusten and Packman already have used the computer to identify two papyrus fragments, one as part of the work by Greek philosopher Democritus and epic poet Apollonius Rhodios.

David W. Packard, a computer engineer who also has a doctorate in classics, developed the son of the co-founder of Hewlett-Packard Co., an electronic equipment designer and manufacturer.

“The computer enables us to call up a text by book, line, chapter or whatever,” says Herbert. “The text is right in front of our eyes. The hours we save is beyond computation, and our students get a sense of the author’s writing styles firsthand.”

Staff Day — continued from p. 1

will be served in the Mallinckrodt Center.

Following the lunch, staff are invited to join in a variety of activities. Team sports, which will begin at 1:15 p.m., include volleyball, softball, racquetball and Trivial Pursuit. Because of the large number of softball teams, some softball competition will begin at 9 a.m. Those teams playing early will be on their own. Due to a lack of players, basketball will not be offered as a team sport this year.

Individual events to be offered are swimming at either the outdoor Millbrook pool or the indoor Millstone pool and bowling at the Millbrook pool. Staff are encouraged to enter their handiworks in the Staff Day Craft Show. First-, second- and third-place ribbons will be awarded. Trophies will be awarded to championship teams and a Grand Prize drawing will take place at 3:30 p.m. in Bowles Plaza.

For information, call 889-5990.
whatever it was that instilled in mother raised 16 foster kids, but orphanage or the fact that her grand-
master's degree from the School of mestic adoptions.

It may have been growing up near an orphanage, where Georgia spent a lot of

Super sleuth saves Student Life

‘All we need is a bigger house’


Louis Globe-Democrat for libel. The ‘informant’ told Bell a phony tale about a drug ring and said that Gadell had been convicted of possess- ing cocaine with the intent to distribute it on campus.

Commencement is a rite of passage for students who once walked the cobblestone paths of Washington University. It is not only a tribute to them, but a tribute to the efforts of all those associated with the University. The students work diligently to create a course of study that is interesting, as well as educational. Some 2,000 students will graduate on Friday. Each has his or her own special story to tell. The following are seven students and their experiences.


Mastering mountains and medicine

Every time world-class downhill skier Margaret "Maggie" Crane Mumford crouched in the starting gate before a race, she knew there was a chance of being killed or seriously injured. The experience, she says, helped her put medical school in perspective: when taking a test gave her the jitters, she would calm herself by repeating, "This is not life-threatening."

Besides the academic stresses that are placed on medical students, the future obstetrician-gynecologist has had to deal with the frustrations of a long-distance marriage. Her husband, Chris, helps manage the family's 3,500-acre farm in Griffin, Ind. Despite both of their busy schedules, they've tried to see each other on weekends. During her early days in medical school, Maggie made the six-hour round-trip drive almost every weekend. The third year, her busiest, Chris visited her most of the time. "I was always popping in on Friday night and saying, 'I've got a test or assignment where the emphasis is on education leading to jobs.'"

The business of community service

Student volunteers at the business school are as cliché goes, "killing two birds with one stone." Using the business skills they've learned in school, the students are helping United Way-funded agencies with marketing or accounting problems they may have. While the students gain an appreciation for the importance of community service, as well as an opportunity to work closely with business leaders, the non-profit agencies receive help they may not otherwise have afforded.

Two of the students who have been instrumental in getting this new program off the ground are Kathy Wehrfritz, who will receive a master's in business administration at the University of Louisville, and Dan Blain, who is receiving a bachelor's degree in business administration on Friday. Wehrfritz was director; Blain assistant director.

Maggie helped her husband with work on the farm. She hauls hay, rounds up cattle on horseback and drives heavy machinery. "I can't drive the combine, but I can run the tractor," she says. "I sit up there on that big equipment and get a farmer's tan and the whole bit."

She's also proud that every year she's managed to put in a garden, which Chris maintains while she's away. Chris' standing line about his wife's garden is, "She's out raising cane in St. Louis while I'm pulling weeds in Indiana."

Maggie will serve her residency at the University of Louisville. She and Chris are buying a house 30 minutes away from her work and 90 minutes away from his, and hope to live together for at least part of her four-year residency. Afterward, she plans to set up a practice in Evansville, Ind., about 40 minutes from the farm.

This year she placed students in the Food Bank, where they used their accounting and marketing skills; in the College for Living, where students developed a marketing plan; and even in the United Way office, where a student did managerial work.

Blain devised an interview form and helped screen the volunteers. Late in the year, he realized there were too many volunteers and not enough volunteer opportunities. That's when he initiated a possible solution with the Campus Y. "It bothered me that we would have students who wanted to volunteer and we wouldn't have volunteer opportunities for them," he said. "So now they can volunteer through the Campus Y next year."

Blain was special interest music director for radio station KWUR this year, as well as co-chairman of the Struggle for Oppressed Jewry. He plans to go to graduate school in social work and Jewish communal service in a combined program involving Washington and Hebrew Union College. Wehrfritz plans to take a position in marketing or finance with Citicorp.

"I knew the value of giving back to society what you have received," she said. "That's the real purpose of volunteer service."
'Fleetwood' has been soap box for cartoonist

The creator of Student Life's "Fleetwood" cartoon strip, as well as an editorial cartoonist, Stephen Edwards has aspired to be a cartoonist since the second grade.

"I've changed a lot since my freshman year, and the University has been a good resource," says Edwards. "There have been some really heavy changes in my writing and drawing and what I think constitutes humor," he says. "I have become a little more sensitive to how much other people are affected by my editorial cartoons and I'm more hesitant to slam them. I now have a much stronger sense of respect for other people's ideas," he adds.

Edwards has received numerous awards for his work, including the Quill and Scroll Society's International Gold Key Award; first place in a statewide competition for editorial cartoons from the Missouri College Newspaper Association; and third place nationally in 1986 from the College Media Advisers for editorial cartooning. Last month, Edwards was awarded first place in the region for editorial cartooning by the Society of Professional Journalists; and in 1985 and 1986, the American Scholastic Press Association named "Fleetwood" the top college cartoon in the country.

In reference to his awards, Edwards says, "It's exciting for me to realize that in four years I can challenge myself and stretch my boundaries that much." Edwards says he decided to become a cartoonist in the second grade. But despite his early commitment, the affirmation of his peers, a myriad of awards and the strong support of his family, he sometimes wants to give it all up. "Every year I walk away from it and then come back. It only comes a couple of days a year, when I know I could be doing a lot better and I put too much pressure on myself," he says.

"This graduation immediately changes my peer group from this campus to the entire funny pages," says the 21-year-old native of Dallas, Texas. "It's easy to be hard on myself until I realize that Mike Peters (the Pulitzer Prize-winning editorial cartoonist and Washington alumnus) was graduating the year I was born." In addition to cartooning for his high school and college newspapers, Edwards also has interned with the Dallas Times Herald, drawing advertisements and editorial and news illustrations. After graduation, he plans to remain in St. Louis and freelance, while playing the saxophone around town and "taking the time to develop cartoons for a larger market."

"I want to kick the art form around a lot harder," says Edwards. "It's embarrassing to look back on how bad some of my old work is. But time is forgiving and anyway, my work is in the garbage can the next day," he jests.

Fleetwood really Stephen Edwards? "For heaven's sake, yes," he exclaims. "That was really good therapy for me. It has been a great soap box."

About the only activities Lillian Zemelman isn't involved in are playing cards, golf and tennis. In addition to completing her master of liberal arts studies May 15, the retired social worker, who will be 81 years old in August, also helps conduct a group therapy session each Saturday for participants in the Missouri Board of Probation and Parole's Responsibility Training Program; tutors and counsels a young student every week through the PEEP (Parent Educational Excellence Program) at Flynn Park Elementary School in University City; is active in The League of Women Voters of St. Louis; participates in a literary discussion group; manages her own home; plays the piano and organ "a little bit"; and enjoys various other activities.

"What's the big deal?" asks 80-year-old student actively involved. "She has a bachelor's degree in English and philosophy from Western Reserve University (now Case Western Reserve University).

Zemelman says the program has allowed her to embark on new areas of study, such as the history of science and art from the Chinese Bronze Age. "The professors in the program are outstanding," she adds. "They are so responsive to the students. It makes us so motivated we can't wait to get an assignment done. I love the learning. The classroom contacts. The professors and students are stimulating. I love to listen to their ideas.

Of course, "Washington University is my love," she says. "I love this school. It's hard to put my feelings into words. I just love it!"

Her only child, attorney James Zemelman, received a bachelor's and a law degree from Washington. He is director of corporate legal affairs for New World Pictures in the Los Angeles area. Zemelman's three siblings are lawyers too. Her husband, engraver artist Fred Zemelman, died in 1974. His work is displayed throughout St. Louis.

The Saint Louis Symphony enthusiast is looking forward to Washington's 126th Commencement ceremony, when her oldest grandson, Mark Zemelman, and his wife, Ginger, will travel from Columbia, Mo., for the big event. Several other relatives also will attend the ceremony.

After receiving her degree, Zemelman plans to sit back, continue to enjoy life and take some more courses. An energetic lifestyle "keeps me from getting old," says the avid walker. "I'm so actively involved in doing things, I don't have time to get old. I really don't."

"I'm so actively involved in doing things, I don't have time to get old," says Lillian Zemelman.
Diane of giving Commencement speech comes true for student

Washington University senior John J. Pawloski has dreamed of speaking at Commencement for three years. Now his opportunity has finally arrived. Pawloski, a Hazelwood, Mo., native will deliver the student Commencement speech, which he has titled, "An Open Letter to Washington University." 

"Speaking at Commencement has been one of my biggest goals. It's something I've wanted to do since my sophomore year," says Pawloski, who plans to attend law school after receiving a bachelor of arts degree in political science. "I want to share school experiences," adds the former Student Union Assembly Representative. "Perhaps they will conjure up memories in others." Pawloski's father, Raymond, received a bachelor's degree from University in 1959.

As the title suggests, Pawloski's speech is written in a letter format. He says he wrote the speech as if he was writing to a friend. "I was thinking about how to express my ideas to the University," says Pawloski, a member of Theta Xi fraternity. "I've always found it easier to express my thoughts in a letter."

In his speech, Pawloski mentions significant lessons he's learned from Washington, including how to appreciate other people's differences. "I understood that until I came to Washington University," says the DeSmet High School graduate. "I met people who thought differently than I ever imagined; people with different political views, from far right wings to everything in between."

Pawloski believes Washington's diverse population will help 1987 graduates adjust to life after college. "They are going to find out the real world is full of different people," he says. "They'll have to understand people in order to succeed."

Besides, adds Pawloski, quoting from his speech, "The University taught me that diversity presents an opportunity for enrichment: conversely, it showed me that prejudice offers no opportunity to grow."

Pawloski has been active in various extracurricular activities at Washington. Last year, he was a vice president for Thurtene, the junior men's leadership honorary. For two and one-half years, he has been chairman of the All Greek Administrative Council, which settles disputes within the campus Greek system. He additionally has helped resolve student disciplinary problems as a member of the Washington University Judicial Board. He has worked as a student intern for the Missouri Board of Probation and Parole, where, among other duties, he visited clients at their homes to observe their environment and counselled clients at the board's north side office.

Candidates — continued from p. 1

Fumihiko Maki, a leading architect in Japan who designed Washington University's Steinberg Hall, director of architecture, Gurpreet Singh, a leader in the field of electronics and telecommunications in India, director of law, Samuel I. Weissman, Ph.D., Washington professor emeritus of chemistry, is an internationally known scientist and active researcher, doctor of science.

John J. Pawloski, who will graduate Friday with a bachelor's degree in political science, will deliver the student commencement address.

The Mighty Mississippi Concert Band of St. Louis will perform under the direction of Dan Presgrue, director of bands in the Department of Music. Howard Arlan Shalowitz, who will graduate with a law degree on Friday, will sing the National Anthem and "My Country 'Tis of Thee." Huntley, who will receive a bachelor's degree in economics, will sing the National Anthem and "My Country 'Tis of Thee."

Following the Commencement exercises, the deans of the various divisions will hold a series of receptions where diplomas will be individually distributed. Brunch will be available for members of the graduating class, their families and friends. (See the Commencement calendar on page 12 for reception locations.)

U. College honors professor, students

French and American revolutions. Students Stewart A. Schneider and Rita Fernandez-Bigas are recipients of the Dean's Award for Aca
demic Excellence. Schneider, who will receive a bachelor's degree in psychology, is a home resale supervi
sor for SBC Asset Management Inc. Fernandez-Bigas, who joined Washington's history department. Through his courses, Riesenegk has introduced hundreds of upper-level students to a master's program that includes the details of me
dieval and Renaissance history via his Western civilization course. Since 1980, he has taught in the college's master of liberal arts program. He is working on a history of citizenship from the Greeks to the age of the advanced to the quartermaster's where he suffered his first ever Division III loss to eventual champion Tim Cort of Kalamazoo College.

This year's national champion
ships will be held May 11-17, with singles play beginning May 14. A total of 32-at-large individuals and the top four players from each of the eight squads qualifying for the na
tional tournament will travel to Salis
des State College, Salisbury, Md., to participate in the single elimination tournament to determine the national singles champions.

Seay, ranked 13th in the nation, finished the regular season with a 14-7 singles record. "Although Dun
can's record wasn't as strong as he would have liked it to have been, he still remains as one of the top singles players in the country," said Gilbert. "One day he played a 40-year-old high school, I know I'll be more relaxed, which should help my game," said Seay. "I hope to make a name for myself at nationals. As for my strat
ey, I plan to keep every ball in play and concentrate on being patient."

Ranked 13th in the nation, Duncan Seay returns to the national championships this week for the second year in a row.

13th-ranked Seay heads to nationals

Edward N. Wilson, Ph.D., dean of the Graduate School of Arts and Sciences and University College, has an
counced the college's 1987 Dean's Awards for faculty and students. Uni
versity College is the evening divi
sion of the Faculty of Arts and Sci
ces.

Peter Riesenegk, Ph.D., pro
cessor of history, is the Faculty Ar
tee Award recipient. He has taught in University College since 1968, the year he joined Washington's history department. Through his courses, Riesenegk has introduced hundreds of upper-level students to a master's program that includes the details of me
dieval and Renaissance history via his Western civilization course. Since 1980, he has taught in the college's master of liberal arts program. He is working on a history of citizenship from the Greeks to the age of the

Youth Orchestra, and has partici
pated in the University's Chamber Music Program.
Treating baldness

Dermatologist prescribes and uses minoxidil

Recent publicity about minoxidil, a drug awaiting FDA approval for the treatment of baldness, has many patients running to their physicians asking for prescriptions.

After first studying the manufacturer's research and testing the drug on his own scalp, Jerome Aronberg, M.D., clinical instructor in dermatology at the School of Medicine, has begun using minoxidil to treat balding patients in his private practice.

The results, he says, have been good: the balding has stopped in all of the approximately 40 patients using the drug, and about half have grown hair.

As Aronberg points out, the ideal use for the drug is to prevent further balding. Even though half of his patients have grown hair, most have not grown a substantial amount.

Nevertheless, his patients, he says, are pleased with the long-term results.

"Their reactions are positive. No one gets ecstatic immediately, because the results are gradual," Aronberg explains. "These people don't wake up the next morning with a full head of hair. It takes a long time for hair to grow. In fact, many patients quit using the drug because they weren't seeing significant hair growth. When they stopped using it and resumed balding, though, they realized the drug does something — prevents them from becoming completely bald."

The best candidates for minoxidil are patients between the ages of 20 and 40 who have just begun losing small amounts of hair. Minoxidil is of little use to people in their 50s, Aronberg notes, because at that point baldness is caused by age, not genetics.

Women seem to respond better than men to the drug, he adds. All three of his female patients have grown dense, healthy, normal-looking hair that has the same texture and color as their existing hair. Of the men who grew hair using minoxidil, most — including Aronberg — had limited, fuzzy hair growth.

FDA approval of minoxidil for topical use is expected this fall. The ingested form of the drug was approved 20 years ago to treat high blood pressure; one of the side effects, hair growth, led to the current consideration of minoxidil as a baldness treatment.

"A government advisory panel has recommended the drug be approved for topical use, but the FDA has put the approval on hold until it determines what dosages to recommend and what the package insert will say," Aronberg says. Many physicians will not prescribe drugs that are not yet FDA-approved, he says, making it difficult for patients to get prescriptions for minoxidil.

Most of Aronberg's minoxidil patients came to him after hearing or reading about the drug. "They are fully aware that the drug has not been approved by the FDA yet. They chose to begin using minoxidil now rather than wait until approval because they want to preserve the hair they have left," Aronberg explains.

Aronberg made his decision to prescribe it after a search of the literature showed that the drug's known side effects, when taken orally, are minimal — low blood pressure and low white blood cell count. None of his patients have shown any side effects from using minoxidil on the scalp.

In fact, the only drawback Aronberg has seen is that the drug has to be used daily to be effective. As soon as a patient stops using it, the new hair will fall out and balding will resume.

"Minoxidil is odorless and invisible when on the scalp. A two ounce bottle of minoxidil costs approximately $70 and lasts about 2 months if used twice a day. The expense is due in part to the difficulty in preparation; currently pharmacists must crush tablets in order to make the liquid form. However, if the FDA approves the new baldness treatment, Upjohn — the company that produces minoxidil — plans to market a topical version under the name Rogaine for about $45."

Medical library offers new service

The School of Medicine Library now permits medical school faculty, students and staff to search through more than 2,000 medical journal citations without leaving their desks or turning a page.

The service, called BACS/MEDLINE, is available via computer through the library's BACS information system. Researchers may not use the system for other delays traditionally associated with grant renewal applications.

Shreffler joined Washington University in 1975. In 1977, he was named James S. McDonnell Professor and Head of Genetics, a position he held for seven years. He earned his Ph.D. from the California Institute of Technology in 1962.

Shreffler was elected to the National Academy of Sciences in 1982, and has also served as a National Science Foundation research fellow at the Basel Institute for Immunology in Switzerland. He belongs to many professional societies, including the American Association of Immunologists, the American Genetic Society and the Transplantation Society. He is on the editorial boards of numerous journals, including Biochemical Genetics and Tissue Antigens, and is author or co-author of more than 200 papers.
Jewish hospitals, sponsoring institutions in St. Louis, include Barnes, Deaconess, and Lutheran Hospitals. He was recently named an affiliate of the American Medical Association (AMA) and is recognized throughout the United States. Honors were selected on the basis of research and/or clinical experience, a proposed research plan, research environment, and letters of recommendation.

The program is sponsored by the Syntex Corp., an international health-care company involved in biological research, development, manufacture and marketing of pharmaceutical products and medical diagnostic systems.

Billadello came to the School of Medicine as a fellow in clinical cardiology in 1981. After completing a postdoctoral fellowship in biological sciences in St. Louis and throughout the nation, Billadello is now a professor of orthopedic surgery at the University of California-San Diego, where he specializes in the natural history and treatment of low back pain. Both lectures will be given at the Western States Academic Center. The third lecture will be delivered on May 27 at 9 a.m.

Karl assumes clinical post

Michael M. Karl, M.D., has been named director of clinical affairs in the Department of Medicine at the School of Medicine.

Karl's appointment, effective May 1, was announced by David M. Kipnis, M.D., Adolphus Busch Professor and chairman of the Department of Medicine.

In assuming his new post, Karl is closing the private internal medicine practice he has maintained in St. Louis for more than 40 years. In his new position, he will coordinate a number of programs dealing with clinical medicine and practice, and will head a newly formed general medicine consult/teaching service.

Karl's association with the medical school began in 1940, when he was named an assistant in the Department of Medicine. He earned his own practice in 1946, joining the medical school's clinical faculty as an assistant professor in 1950. He was named professor of clinical medicine in 1972. He is on staff at Barnes Jewish hospitals, sponsoring institutions of the Washington University Medical Center, and at St. John's and St. Luke's hospitals.

Karl received his medical degree in 1938 from the University of Washington. He served an internship and residency in internal medicine at St. Louis City Hospital, and a fellowship in cardiology at Washington University School of Medicine.

Syntex Corp. names Billadello 1987 heart research scholar

A cardiologist at the School of Medicine will receive $150,000 for the next three years to conduct research as a Syntex Scholar.

Joseph J. Billadello, M.D., an associate professor of medicine in the cardiovascular division, was selected in recognition of his outstanding potential for contributions to the cardiovascular field. He is one of three 1987 Syntex Scholars.

Billadello's research focuses on changes that occur in the enzyme creatine kinase when it is released into the bloodstream after heart damage. His findings may help in the early and specific diagnosis of myocardial infarction. He also plans to study the regulation of expression of muscle-specific genes.

The goal of the Syntex Scholars Program is to encourage cardiovascular research among outstanding scientists at the formative stages of their careers. This year, an advisory committee of distinguished academic scientists considered about 30 candidates from cardiovascular programs throughout the United States. Honors were selected on the basis of research and/or clinical experience, a proposed research plan, research environment, and letters of recommendation.

The program is sponsored by the Syntex Corp., an international health-care company involved in biological research, development, manufacture and marketing of pharmaceutical products and medical diagnostic systems.

Low back pain and lumbar fractures are topics of fourth Sutter lecture

An expert on the care and treatment of the spine will deliver the fourth annual Sutter lecture by giving carnations to cancer patients in the Washington University Medical Center and to CIC visitors. The information center, sponsored by Mallinckrodt Institute of Radiology and Barnard Hospital, offers free literature, support groups and cosmetic material to patients undergoing cancer treatment. CIC also provides educational material for anyone concerned about cancer.

Weldon elected to national board

Virginia V. Weldon, M.D., deputy vice chancellor for medical affairs at the School of Medicine, has been elected to the National Board of Medical Examiners.

Weldon will serve a four-year term on the board, which develops and monitors standards for the education and qualification of medical practitioners. Her duties will include serving on various advisory committees and task forces.

Weldon is currently vice president of the Washington University Medical Center. She is also immediate past chairman of the Association of American Medical Colleges (AAMC), and the first woman chosen to lead the organization in its 109-year history.

Weldon, professor of pediatrics at the School of Medicine, is a specialist in pediatric endocrinology and is well known for her studies of mechanisms of abnormal growth in childhood. She joined the faculty in 1968 as an instructor, and was named professor of pediatrics in 1979. She is also a physician at children's hospitals, sponsoring institutions of the Washington University Medical Center, and is recognized nationally as a spokesperson on issues in medical education, biomedical research, and legislation affecting health care costs.
Elizabeth Danforth receives Eliot Society’s Search Award

The William Greenleaf Eliot Society of Washington University has awarded its most prestigious honor, the William Greenleaf Eliot Society Award for 1987, to Elizabeth Gray Danforth.

Chancellor, William H. Danforth, she stated, “for her social grace and caring concern in dealing with people from all walks of life; and for her special commitment to a career in public service at the federal, state or local level.”

A biology and philosophy major at Washington, Gordon hopes to pursue a career in biological research and human growth hormones. Gordon, who shared the top place in his high school graduating class and was editorial editor of his school newspaper, was elected president this spring of Washington’s Student Union, the student governing body. He will serve as president during the 1987-88 academic year.

German department awards fellowships

Washington University has awarded three special graduate fellowships to students pursuing doctoral degrees in the Department of Germanic Languages and Literatures.

Two of the students, Frank Wagner and Rachel McGinnis, are winners of a fellowship competition sponsored by the German department. Approximately 50 students from universities throughout the country submitted applications for the two full-tuition fellowships. Each fellowship also includes an $8,000 stipend.

Michael Karl, a senior at the University of Iowa, has been named a 10 Walter Benjamin Fellow, and McGinnis, a senior at Oberlin College, received the Otto Heller Fellowship. Gertrud Schott Williams, Ph.D., director of the department’s graduate program and chair of the selection committee says “Both awards are given for scholarly excellence and the students’ potential as teachers and scholars of German language and literature.”

Lorelle Unruh, a graduate of Kalamazoo College, has been awarded Mr. and Mrs. Spencer T. Olin Fellowship for Women. One of 10 Olin fellows, she was selected for the full-tuition scholarship from 280 students in a nationwide competition.

Patricia A. Adler, Ph.D., and Peter Adler, Ph.D., assistant professor and associate professor, respectively, in the Department of Sociology, have recently presented papers at the Southern Sociological Society meetings in Atlanta, the Midwest Sociological Society meetings in Chicago and the Spring Symposium of the Society for the Study of Symbolic Interaction in Urbana, III.

Lech Ann Banaszak, student in political science, has been awarded the Swiss government grant through the Fulbright Foundation for the 1987-88 academic year to study at the University of Bern in Switzerland. She will be interviewing women in the women’s suffrage movement there and doing archival research. Her dissertation will be on the women’s suffrage movement in Switzerland, Canada and the United States.

Mary Bartlett Bunge, Ph.D., professor of anatomy and neurobiology at Washington University School of Medicine, has been appointed to a four-year term on the National Advisory Neurological and Com- munity Disorders and Stroke Council of the National Institutes of Health (NIH). As a member of the council, Bunge will be involved in funding decisions for neurological research grant applications for the National Institute of Neurological and Communicative Disorders and Stroke (NINCDS). As the topmost advisory body for the NINCDS, the council’s goals are to assess the quality of scientific review panel decisions on grant applications and to make recommendations on funding priorities and relevance.

Yvonne Captain-Hidalgo, Ph.D., assistant professor of Spanish, recently delivered a paper at the 13th Annual Third World Conference in Chicago. An expanded version of the paper, “Theoretical Determinants as Schema for the Analysis of the Poetics of Nancy Morejon,” has been accepted for publication in an anthology on Spanish-American women to be published in 1988 by Greenwood Press.

Richard E. Coy, D.D.S., professor of restorative dentistry, has been named to chair the Publications Committee of the International College of Cranio-Mandibular Orthopedics (ICCMO). The ICCMO is composed of dentists and physicians throughout the world concerned with the prevention and correction of deformities related to head and neck pain and dysfunction. Coy was named to the chair at the recent Fifth Annual Congress of the ICCMO held in Honolulu.

Susan Crawford, Ph.D., director of the School of Medicine Library and professor of biomedical communication, is recipient of the 1987 Distinguished Alumni Award from the Faculty of Library and Information Science, University of Toronto. The award is conferred upon a graduate of the faculty for leadership in professional organizations, for publication and contributions to the community-at-large. Crawford also received the John P. McCloy Award for the Editor of the Bulletin of the Medical Library Association.

Marvin J. Cummins, Ph.D., associate professor and acting chairman of the sociology department, has received a grant from Citicorp in St. Louis to underwrite a 1987 summer internship for volunteer students who work with community social and legal agencies to determine possible placements of volunteer student interns during the school year and establish criteria for their internships.

Ronald G. Evans, M.D., Elizabeth Mallinckrodt Professor of Radiology and director of the Mallinckrodt Institute of Radiology, presented a paper titled "Inflammatory Carcinoma of the Breast — Prognostic Factors and Results of Treatment" at the 60th annual meeting of the American Radium Society, held April 6-10 in London, England.

Joseph N. Fields, M.D., Ph.D., assistant professor of radiology at the Radiation Oncology Center, Mallinckrodt Institute of Radiology, presented a paper titled "Inflammatory Carcinoma of the Breast — Prognostic Factors and Results of Treatment" at the 60th annual meeting of the American Radium Society, held April 6-10 in London, England.

Rebecca A. Ginsberg, a graduating student in the psychology department, has won first place in the Missouri Psychological Association Undergraduate Research Competition for her paper titled "The Intention to Seek Employment: A Test of the Theory of Reasoned Action." Ginsberg, who will graduate Friday with a combined master’s and bachelor’s degree in social psychology, received a certificate of recognition and a $310 honor award from the association.

Kathleen Heins, a graduate student in the Department of Art History, has been awarded a Fulbright scholarship this summer at the National Gallery of Art in Washington, D.C.

Roland Jordan, Ph.D., associate professor of music, and Emma Kafelanos, Ph.D., lecturer in comparative literature, co-chaired the section on Literature and Music at the Northeast Modern Language Association Convention, held April 2-4 in Boston. Under the general topic of Structural Interactions and Analogs, the panel they assembled spoke on the Stravinsky/Rameau Histoire du soldat, Schubert’s (and Goethe’s) "Erkönig," and the Simulaneum of Jackson Mac Low.

Michael Michael, M.D., director of clinical affairs in the Department of Medicine, was presented an award of merit by the Jewish Center for Aged of Great St. Louis on its 80th anniversary celebration for active, professional, and community leadership to the Jewish elderly. The award was presented at the center’s 80th anniversary celebration on April 2. Karl is a former chairman of both the St. Louis Jewish Federation’s Commission on Aging and the National Committee on Services to the elderly, Council of Jewish Federation.
Joni Kinsey, a graduate student in art history, has received a predo-
torial fellowship from the Smithsonian-
ian Institution for the 1987-88 academic year doing research at the

William M. Landau, M.D., professor and head of the Department of
Neurology, recently was appointed as a
councilor of the American Acade-
my of Neurology's executive board.
The American Academy of Neurology
is a nonprofit, educational organiza-
tion comprising more than 9,000
neurologists from the United States,
Canada and abroad.

Gretchen Lee, assistant editor in the
publications department, and
Michael L. LeVine, a senior in the
College of Arts and Sciences, have
been named the winners of the
Spring '87 Eliot Review fiction con-
test. Lee, a 1986 graduate in German-
ic languages and literatures, won first
place in the fiction competition, titled "Her Rotten Tooth." Levine, an
English literature major, received sec-
ond place and $75 for "Cosmetics." The fiction competition was spon-
sored by the Eliot Review, a literary
magazine published by students. The
contest was judged by Shannon
Ravenel, editor of Houghton Mifflin's
annual Best American Short Stories.

Charles L. Leven, Ph.D., professor of economics, presented a paper on
"An American Urban Transformation" at a symposium on Economic
Future of a Provincial Industrial City
in International Comparison at the
invitation of the Birmingham (U.K.)
Settlement and the City of Birming-
ham. At a conference on America's
New Economic Geography in Wash-
ington, D.C., he presented a paper on
"Post-Industrialism, Regional Change
and the New Urban Geography" that
was commissioned by the Center for
Urban Policy Research of Rutgers
University.

Victor T. Le Vine, professor of po-
itical science, gave invited lectures at the University of Fudan (Shanghai),
and the Shang-
hai Academy of Social Sciences in April.

Daniel R. Mandelker, J.S.D., How-
ard A. Stamper Professor of Law and
director of the law school's Urban Studies Program, has been elected
the 1987-1988 president of the Coal-
ition for Scenic Beauty, a national or-
ganization that supports reforming
the Highway Beautification Act by
eliminating loopholes. The act pro-
hibits billboards on most federal
highways. The coalition, which is
based in Washington, D.C., comprises
several nationwide organizations that
support controls on outdoor adver-
ising at the state and local levels.

Marvin H. Marcus, Ph.D., assistant
professor of Japanese language and
literature, has received the 1986 Do-
tinglass Dissertation Award for his topic "Biography as a Literary Genre in
Japan." He won the prestigious award of
the 1987 Washington University Ro-
land Grimm Fellowship for research
in Asia. Marcus will spend this sum-
mer as a research associate at Tokyo University pursuing study of the
geographical literature of Mori Ogi.

Charles R. McManis, J.D., professor of law, has received a travel grant
from the German Marshal Fund of
the United States. The grant will en-
able him to present a paper at the annual
conference of the Internation-
al Association for the Advancement
of Teaching and Research in Intellec-
tual Property. The conference will be
held this summer in Cambridge, Eng-
land. The tentative topic of McManis'
paper will be the recent policy devel-
opments in the field of U.S. antitrust
and intellectual property law.

Joseph V. Meyer, a graduating
senior in biology, was on the nation-
al circuit of speakers for the Phi
Theta Kappa Honor Society this past
academic year. He was a speaker at
the Nebraska, Arizona and Missouri
state conventions as well as for the
national convention held this past
April in Dallas. Meyer spoke about
his year as a medical student at the
University of Zagreb in Yugoslavia and compared the two
colleges to the two national Ken Yos. His year abroad was the result of the Mosal Award of Phi Theta Kappa that he received in 1985.

Annette R. Pedersen, J.D., assistant
dean for administration at the law
school, had an article titled "The
Price of Education" published in the
spring 1987 edition of The St. Louis
Bar Journal.

Mark R. Rank, Ph.D., assistant pro-
fessor of sociology, presented a paper at the Midwest Sociological So-
ciety's Annual Meetings on April 15
in Chicago, Ill. The paper was titled
"The Blending of Qualitative and
Quantitative Data: A Case Example."

Steven J. Rose, Ph.D., director of
the Program in Physical Therapy,
recently was honored by the Orthopae-
dic Section of the American Physical Therapy Association. The section
established the Steven J. Rose Ortho-
pedic Physical Therapy Research
and Education Endowment Fund
with the Foundation for Physical
Therapy in the amount of $500,000.
This fund was estab-
lished in recognition of Rose's on-
going commitment to research in
physical therapy.

E. Thomas Sullivan, J.D., professor of law, is chairman of the American
Bar Association's Economics Commis-
see of the Antitrust Law Section. The
committee is studying non-price pre-
dation (monopoly conduct) under
the Sherman Act. The Sherman Act involves unreasonable restraints of trade in commerce.

Karen L. Tokarz, LL.M., professor of law, has written an article titled "The
Method of Judges and Merit Selection
under the Missouri Plan," which is
published in Vol. 64 of the Washing-
ton University Law Quarterly. Tokarz's article was the subject of news stories in the St. Louis Post-
Dispatch, the local law press and In-
sight magazine, a national newsmagazine published by the New York Post.

“Superbowl” of business: A team of undergraduates from the business school partici-
pated in the sixth annual MCI-McKinsey Business Invitational (MCI-MBI). Held by the McKinsey School of
Commerce at the University of Virginia. The students, from left, (from front) are Joanne Tackes, Hal Jackson and Ken Amos; (back row) Michael Kaplan, Powell Rolland, D.C., professor of man-
age ment, and Bob Burtke. The Washington team competed with four other teams representing the
University of Southern California, Notre Dame University and the universities of Minnesota and Washington, D.C., in what has become a showcase for the best of the country's undergraduate busi-
ness schools. The MCI is considered the “Superbowl” of national undergraduate business policy case
competitions. The business school has participated in the tournament twice, in 1983 and

Charles R. McManis, J.D., professor of law, has received a travel grant
from the German Marshal Fund of
the United States. The grant will en-
able him to present a paper at the annual
conference of the Internation-
al Association for the Advancement
of Teaching and Research in Intellec-
tual Property. The conference will be
held this summer in Cambridge, Eng-
land. The tentative topic of McManis'
paper will be the recent policy devel-
opments in the field of U.S. antitrust
and intellectual property law.

Joseph V. Meyer, a graduating
senior in biology, was on the nation-
al circuit of speakers for the Phi
Theta Kappa Honor Society this past
academic year. He was a speaker at
the Nebraska, Arizona and Missouri
state conventions as well as for the
national convention held this past
April in Dallas. Meyer spoke about
his year as a medical student at the
University of Zagreb in Yugoslavia and compared the two
colleges to the two national Ken Yos. His year abroad was the result of the Mosal Award of Phi Theta Kappa that he received in 1985.

Annette R. Pedersen, J.D., assistant
dean for administration at the law
school, had an article titled "The
Price of Education" published in the
spring 1987 edition of The St. Louis
Bar Journal.

Mark R. Rank, Ph.D., assistant pro-
fessor of sociology, presented a paper at the Midwest Sociological So-
ciety's Annual Meetings on April 15
in Chicago, Ill. The paper was titled
"The Blending of Qualitative and
Quantitative Data: A Case Example."

Steven J. Rose, Ph.D., director of
the Program in Physical Therapy,
recently was honored by the Orthopae-
dic Section of the American Physical Therapy Association. The section
established the Steven J. Rose Ortho-
pedic Physical Therapy Research
and Education Endowment Fund
with the Foundation for Physical
Therapy in the amount of $500,000.
This fund was estab-
lished in recognition of Rose's on-
going commitment to research in
physical therapy.

E. Thomas Sullivan, J.D., professor of law, is chairman of the American
Bar Association's Economics Commis-
see of the Antitrust Law Section. The
committee is studying non-price pre-
dation (monopoly conduct) under
the Sherman Act. The Sherman Act involves unreasonable restraints of trade in commerce.

Karen L. Tokarz, LL.M., professor of law, has written an article titled "The
Method of Judges and Merit Selection
under the Missouri Plan," which is
published in Vol. 64 of the Washing-
ton University Law Quarterly. Tokarz's article was the subject of news stories in the St. Louis Post-
Dispatch, the local law press and In-
sight magazine, a national newsmagazine published by the New York Post.

“Superbowl” of business: A team of undergraduates from the business school partici-
pated in the sixth annual MCI-McKinsey Business Invitational (MCI-MBI). Held by the McKinsey School of
Commerce at the University of Virginia. The students, from left, (from front) are Joanne Tackes, Hal Jackson and Ken Amos; (back row) Michael Kaplan, Powell Rolland, D.C., professor of man-
age ment, and Bob Burtke. The Washington team competed with four other teams representing the
University of Southern California, Notre Dame University and the universities of Minnesota and Washington, D.C., in what has become a showcase for the best of the country's undergraduate busi-
ness schools. The MCI is considered the “Superbowl” of national undergraduate business policy case
competitions. The business school has participated in the tournament twice, in 1983 and

Have you done something
noteworthy?

Have you presented a paper? Won an award?
Been named to a committee or elected an of-
ficer of a professional organization?
The Washington University Record will help
spread the good news. Contributions regarding faculty and staff scholarly or professional ac-
ivities are gladly accepted and encouraged.
Send a brief note with your full name, highest-
earned degree, current title and department
along with a description of your noteworthy activity to Notables, Campus Box 1070. Please
include a phone number.
LECTURES

Thursday, May 14
3 p.m. School of Architecture Lecture, "Reflections on the Watanabe Workshop art-architect Fumihiko Maki. Steinberg Aud.

Monday, May 18
11 a.m. Twelfth Spring Staff Day, Edison Theatre. Lunch at noon in Bowles Plaza.

8:30-10 a.m. Fifth Annual Black Alumni Reunion. It begins with Commencement exercises on Friday and concludes Sat., May 16, with a picnic in Forest Park. For more info., call 889-6950.

Monday, May 18
Staff Day offers something for everyone.
5:30-6:30 p.m. Aerobics Class for Men and Women of the CID. Community Mondays. Fridays. 7:30-9 a.m. Central Institute for the Deaf (CID) Clinics and Research Bldg., 909 S. Taylor Aud.
2:30 p.m. Psychological Service Center Workshop, "Recipe for Burnout." 155 Eads. For more info., call 889-6555.

Tuesday, May 19
7:30-9 a.m. Psychological Service Center Workshop, "Women in Unfulfilling Relationships." 155 Eads. For more info., call 889-6555.

Wednesday, May 20
6-7:30 a.m. Psychological Service Center Workshop, "Eating Disorders Group." 155 Eads. For more info., call 889-6555.

Thursday, May 21
5:30-6:30 p.m. Psychological Service Center Workshop, "Relating to an Aging Parent." 155 Eads. For more info., call 889-6555.

Thursday, May 28
7:30-10 a.m. Psychological Service Center Workshop, "Department of Social Work, Brown Aud., and Brown Lounge.

EXHIBITIONS

"Bachelor of Fine Arts Exhibition." Through May 17. Gallery of Art, upper and lower galleries. 10 a.m.-5 p.m. weekdays, 1-5 p.m. weekends. For more info., call 889-4523.
"Core Exhibit," Works by freshmen and sophomore students in the School of Fine Arts program of drawing, two-dimensional and three-dimensional design. Through July 25. Bixby Gallery, Bixby Hall. 10 a.m.-4 p.m. weekdays, 1-5 p.m. weekends.

Summer sports camp open to boys and girls
Basketball and volleyball camps for grade school, junior high and high school players begins Monday, June 18, at the air-conditioned Washington University Athletic Complex.
The basketball camp will be conducted Monday through Friday, June 15-19, for boys and girls ages 8-14. Each day will consist of six and one-half hours of instruction with a one-hour lunch break.
Washington basketball coach Mark Edwards, the 1987 NAIA Division III South coach of the year, and his assistants, Pete Manuel and Dennis Kruse, are directors of the camp. The cost of the camp is $85.
The volleyball camp is divided into four groups, with the afternoons available for grade school players (third through sixth grades); junior high school players (seventh through ninth grades); high school players (ninth through 12th grades); and advanced high school players.
The grade school and junior high camps will be held Monday through Friday, July 6-10, with the grade school session running from 9 a.m. to noon for $45. Junior high school players can select a one-day session, from 1 to 4 p.m., for $45, or a full-day session, 9 a.m. to 4 p.m., for $85.
The high school session will be held Monday through Friday, July 13-17, from 9 a.m. to 4 p.m. for $85. Any information about a camp can be obtained by calling 889-5220.

"Develop Your Personal Power: Women in the Workforce." The group will meet on six Mondays through July 6. For more info., call 889-5220.

8:30 a.m. 12th Annual Commencement. Address by William G. Hyland, editor of Foreign Af.
12th Brooks Quadrangle.

Summer sports camp open to boys and girls
Basketball and volleyball camps for grade school, junior high and high school players begins Monday, June 18, at the air-conditioned Washington University Athletic Complex.
The basketball camp will be conducted Monday through Friday, June 15-19, for boys and girls ages 8-14. Each day will consist of six and one-half hours of instruction with a one-hour lunch break.
Washington basketball coach Mark Edwards, the 1987 NAABC Divi
tion III South coach of the year, and his assistants, Pete Manuel and Dennis Kruse, are directors of the camp. The cost of the camp is $85.
The volleyball camp is divided into four groups, with the afternoons available for grade school players (third through sixth grades); junior high school players (seventh through ninth grades); high school players (ninth through 12th grades); and advanced high school players.
The grade school and junior high camps will be held Monday through Friday, July 6-10, with the grade school session running from 9 a.m. to noon for $45. Junior high school players can select a one-day session, from 1 to 4 p.m., for $45, or a full-day session, 9 a.m. to 4 p.m., for $85.
The high school session will be held Monday through Friday, July 13-17, from 9 a.m. to 4 p.m. for $85. Any information about a camp can be obtained by calling 889-5220.

Ceramics, paintings among work on exhibit in Gallery
The Washington University Gallery of Art is presenting the Bachelor of Fine Arts exhibition through May 17 in the upper gallery of Steinberg Hall.

The exhibit follows a tradition that began in 1881 of exhibiting works in the University art museum by the graduates of the School of Fine Arts," says Gerald Bolas, director of the Gallery of Art. "We are very proud of this tradition.

The major fields of study to be represented are: ceramics, graphic communications, metalsmithing, painting, photography, printmaking and sculpture. Each student has been guided to develop his or her own style within the major.

We are seeing some wonderful work reflecting this year's students' work to be an excellent show," says Libby Reuter, assistant dean of the fine arts school.

Gallery hours are 10 a.m. to 5 p.m. weekdays and 1 to 5 p.m. weekend. For more information, call 889-4523.