Anheuser-Busch Foundation donates $2 million to establish marketing chair; honors past CEO

The Anheuser-Busch Foundation is donating $2 million to Washington University's John M. Olin School of Business. The contribution will be used to establish an endowment to create the August A. Busch Jr. Distinguished Professor of Marketing Chair.

The chair is established to recognize the many accomplishments of the honorary chairman of the board of Anheuser-Busch Inc. During his 29-year tenure as Anheuser-Busch's chief executive officer, the company experienced major expansion and achievement.

Russell L. Ackoff, Ph.D., professor emeritus of management science at the University of Pennsylvania's Wharton School of Business and chairman of the board of INTERACT, is the author of numerous books of poetry and plays that focus on the dichotomy between black and white, subject and ruler, and the Caribbean and Western civilizations present in his culture and ancestry.

Jeff Greenfield, ABC News political and media analyst, will deliver the Sept. 13 Fall Folks Lecture on "Ethics and the Media." Greenfield, who joined ABC News in 1963, contributing regularly to all ABC News programming and to ABC's "Good Morning America," is a regular correspondent for the network's "Nightline" with Ted Koppel and "World News Tonight" with Peter Jennings and "World News with Cokie Roberts." He is also the co-author of nine books. Anheuser-Busch Inc., one of America's most effective marketing companies, will be held at 4 p.m. Thursday, Sept. 14, in Graham Chapel. The speakers will be Yehoshafat Harkabi, former deputy and chief of Israeli military intelligence, and Emile Sabatier, a Palestinian political analyst. A discussion with the speakers will be held at 5:15 p.m. in the Women's Building lounge.

Harkabi, professor of international relations at Haifa University, is the author of an award-winning book on the history of the Israeli-Palestinian conflict. Sabatier is the author of "The Need for Citizen Action." The Assembly Series has something of interest for everyone.
Class of 1993: 'exceptionally talented'

Despite the declining population of high school graduates, Washington University continues to attract a large number of applicants, according to Charles S. Nolan, Ph.D., the new assistant provost and dean of admissions at Washington.

"In a year when highly selective universities throughout the country saw their applications decrease from 5 to 20 percent, Washington University experienced a modest 4 percent decline," notes Nolan. "This is particularly noteworthy, acknowledging that the overall strength of our applicant pool has improved significantly in recent years."

According to statistics compiled through Aug. 24, by the admissions office, 8,666 students sought admission to Washington this fall, compared to a record 8,920 a year ago.

The large number of freshman applications enabled the undergraduates to admit on a highly selective basis, which resulted in this year's exceptionally talented class," says Nolan. "The strength of these new students gives convincing testimony to the growing national appeal of Washington University." The class of 1993 comprises 1,216 freshmen, of which 602, or 49.5 percent are females, and 614, or 50.5 percent are males. The number of freshmen attending Washington last year was 1,216.

As for the academic standing of the 1989 freshman class, 49 percent were ranked in the top 5 percent of their high school class, compared to 46 percent a year ago; 70 percent were ranked in the top 10 percent vs. 69 percent last year, and 92 percent were ranked in the top 20 percent, a slight increase over 91 percent in fall 1988.

The mean Scholastic Aptitude Test (SAT) score for the 1993 class is 572 verbal and 551 math, compared to 569 verbal and 545 math last year. The incoming freshman class includes 69 National Merit Scholars.

The class of 1993 includes 192 minority students, which is 16 percent of the total class, compared to 201 minority freshmen, or 16.5 percent of the total class last year. Of the minorities, defined as black, Asian Americans, Hispanics and American Indian students, 61 are black, 107 are Asian Americans and 24 are Hispanics. There are no American Indians.

Last fall, the freshman class included 72 black freshmen, or approximately 6 percent of the class. Of this year's 61 black freshmen, 38 are females and 23 are males, compared to 50 females and 22 males last year.

"The stability in minority student enrollment in our entering freshman class reflects a desire on the part of all serious students to attend quality institutions such as Washington," Nolan says. "Unfortunately, a nationwide trend of fewer black students attending four-year colleges and universities in recent years has had its effect this year."

"Attracting historically black colleges and universities has become even more attractive as well. In addition, the competition for black students, especially among the most selective institutions, has escalated significantly during the last five years. While there is a real need for the University to continue to focus energy and resources on attracting more minority students to Washington, our new freshman class is well represented by national private universities."

The most popular majors among freshmen enrolled in the College of Arts and Sciences are biology, premed studies, English, political science, psychology, history and mathematics. Approximately 55 percent of the freshman class will receive some form of financial aid based on merit or need.

"I am most impressed by the quality of our new freshman class," comments Nolan. "By all measures, this class excels academically and has been involved in a broad range of co-curricular and extracurricular activities."

Among the students' varied activities are membership in the National Honor Society. A total of 408 incoming freshmen were members of their high school chapters and 19 served as presidents, 20 as vice presidents and 40 as secretaries or treasurers.

The freshmen also were involved in politics, journalism, music, dance, sports and several specialty clubs at their high schools. The class includes 20 winner class presidents, 27 student council presidents, 72 yearbook editors, 51 newspaper editors, 18 literary magazine editors, 117 band/orchestra members, 6 student band directors, 67 chorus members, 5 chorus presidents, 110 piano players, 41 dancers and 4 chorographers.

Among the sports enthusiasts are 29 soccer captains and 4 soccer managers, 28 basketball captains and 7 basketball managers, 19 tennis captains, 17 volleyball captains and 5 volleyball managers, 33 track captains, 13 swim team captains, 10 cheerleading captains, 10 football captains and 2 ice hockey captains.

The students' club affiliations range from Students Against Drunk Driving (60 members) to Amnesty International (10). There also were 3 presidents of the American Field Service, 6 Brain Bowl presidents, 11 French club presidents, 7 math/computer club presidents, 8 drama club presidents, 9 forensics club presidents, 10 Model United Nations members, 1 NAACP vice president and 20 Spanish Honor Society members.

Other highlights about the class of 1993:

• Of the 1,216 freshmen, 723 are enrolled in arts and sciences; 236 in engineering; 139 in business; 69 in fine arts, and 59 in architecture.

• 42 percent are from the Midwest; 22 percent are from the Middle Atlantic States; 11 percent are from the South; 8 percent are from the West; 8 percent are from New England, and 3 percent are from foreign countries.

Freshman Mitsuko Igarashi (center) of Memphis, Tenn., receives help from her father, Misao Igarashi, and her sister, Takeko, as Mitsuko and more than 2,000 freshmen and returning students moved into the South 40 Aug. 24 and 25.
Meet the artists

Expanded Edison series offers eclectic mix of theatre, dance, music

The 16th season of Washington University's Edison Theatre features a full range of performances in theatre, dance and music.

The new season will bring an increased number of guest performers of world renown, as well as the best in avant-garde theatre, to Edison. "Our expanded program reflects the great success "OVATIONS!" has had this past season," says Charles E. Mallinckrodt, chairman of the Performing Arts Department. "We have strived to broaden the series to include performers of international prominence, while continuing Edison's tradition of establishing new and different theatre. Subscriptions have tripled and attendance has quadrupled. It is dear to us that people really enjoy our new "OVATIONS!" programming."

The 1989/90 season will also include more "Meet the Artists" sessions, which provide an unusual opportunity for people to meet with and learn from the performers. The number of events has quadrupled — "toned for young people," a highly successful children's series introduced last season, has been increased to four performances.

"OVATIONS! 89/90 is going to be a very exciting season," says Henry L. Schvey, Ph.D., chair of the Performing Arts Department. "I like to think that our eclectic mix of the highest quality theatre, dance and music brings something unique to the St. Louis cultural scene. So what are we not just the series, but our popular "Meet the Artists" and young people's programs?"

The Edison season opens Sept. 22 and 25 with the return of the internationally heralded Market Theatre of South Africa. The Market Theatre, which performed their acclaimed "BOPHA!" to a sold-out crowd at Edison last year, will perform "You Strike the Woman, You Strike the Rock," created by the Vusisizwe Players, a group of South African women in their struggle against apartheid and shows the conditions of women in South Africa through story, song, mime and dance.

The Waverly Consort will perform on Oct. 22 and 23 with the play "You Strike the Woman, You Strike the Rock," created by the Vusisizwe Players, a group of South African women in their struggle against apartheid and shows the conditions of women in South Africa through story, song, mime and dance.

The American Indian Dance Theatre presents a 25-member troupe of professional dancers from 15 different U.S. and Canadian tribes on Feb. 23 and 24.

The Susan Marshall Company will perform "The Odyssey" in their dances, which have been called "poetically rich and musically compelling."

Because she rarely performs solo and is making an exclusive two-week tour to selected Midwest cities, Laurie Anderson, one of America's most popular new wave performance artists, will appear April 20 and 21.

The Kronos Quartet will perform on Sept. 22; The Waverly Consort at 6:30 p.m.; and the Deaf on Oct. 6 and 7; and the Susan Marshall Company on April 20. These events are for Edison Theatre audience members only.

"Single tickets to "OVATIONS!" events are $16 for the general public, $12 for Washington University faculty and staff and senior citizens, and $8 for students. Subscription rates for both four and seven shows are $14 per ticket for the general public, $10 for Washington University faculty and staff and senior citizens, and $7 per ticket for students. Subscriptions for both four and 12 performances are $12 for the general public, $8 per ticket for Washington University faculty and staff and senior citizens, and $6 per ticket for students. Laurie Anderson is a special subscriber event. Subscribers will have first choice of seats. Single tickets will not go on sale until March 15, 1990. Tickets for all seats are $20.

OVATIONS for young people" events are Saturday matinees beginning at 2 p.m. Tickets for single events are $7.50 per ticket for any of three or four performances.

The Market Theatre of South Africa will open Edison Theatre in 1990/91 "OVATIONS!" season at 8 p.m. on Sept. 22 and 25 with the play "You Strike the Woman, You Strike the Rock."

Edison on Oct. 6 and 7 to perform "a contemporary."

Recognized as one of the leading new choreographers in today's New York scene, Marshall appeared in the fall 1988 Next Wave Festival, an internationally renowned showcase for new performances at the Brooklyn Academy of Music.

In an expanded selection of "Meet the Artists" discussions, seven performers will discuss their work. The artists are: Dave Parsons at 4:30 p.m. Oct. 27; the Kronos Quartet and composer John Zorn at 6:30 p.m. Jan. 27; the Waverly Consort at 6:30 p.m. Feb. 10, and Spalding Gray at a time and date to be announced. These events are free and open to the public. They will be held in the Mallinckrodt Center Drama Studio. Three of the ensemble will discuss their work in Edison Theatre immediately following their performances.

The Market Theatre on Sept. 22, the National Theatre of the Dead on Oct. 6 and 7, and the Susan Marshall Company on April 20. These events are for Edison Theatre audience members only.
Two 80-year-old women trip and fall, with very different results. The first lands hard on her hip, fractures it and is discharged to a nursing home, where two-thirds of them will remain one year after. Nearly one-half of hip fracture patients are discharged to a nursing home, where two-thirds of them will remain one year later. More than a third of patients who return home live independently.

The problem is likely to increase dramatically in the next 10 years, Birge says, since the over-80 population, which is the most rapidly growing segment of the population. Some estimates predict a startling 300,000 hip fractures a year by 1995.

In the past, many scientists believed that hip fracture was linked solely to osteoporosis, itself a major health problem that affects more than 15 million Americans and leads to diminished bone mass — and bone strength — among the elderly. Studies have shown that bones weakened by osteoporosis are more likely to break when subjected to a fall.

Yet Birge and his colleagues feel that bone density among the elderly in the over-70 population, other factors might also play a part. For one, those who participated in some form of regular exercise performed better on the test than those who did not. People who walked for exercise reduced their risk of performing poorly by 46 percent, those who played tennis reduced their risk by 75 percent.

From this, Birge concludes that exercise would be one factor to investigate in this new study. But they decided not to limit their focus to exercise, and instead to take a global approach. They initiated a research project, still on-going, in which they survey patients about their backgrounds, diet, medical histories, exercise patterns and recent falls. So far, they have interviewed some 60 elderly hip fracture patients and 55 control subjects admitted to the hospital for non-elective surgery. They also assessed the speed with which the central nervous system processes information by asking each subject to complete a simple paper and pencil test. The participant is required to appropriately connect circled numbers and letters. The subject begins with the circled number 1, connecting it to the letter A, then A to 2, 2 to B and so on, in a continuous sequence. Subjects with dementia, visual or upper-motor impairment and depression were excluded.

"We found to our surprise that impaired central processing of information was a very important risk factor for hip fracture in this population," says Birge. Surgical controls did 78 percent better than hip fracture patients on the test.

They also found that people who participated in some form of regular exercise performed better on the test than those who did not. People who walked for exercise reduced their risk of performing poorly by 46 percent, those who played tennis reduced their risk by 75 percent.

These findings tied in with results from phase one of their four-part study, in which they examined the epidemiology of falls. In this work, Washington University Medical Center investigators had looked at 1350 people randomly selected from the community. A significant association was observed between a poor performance on the central processing speed test with persons reporting either multiple falls or hip fracture. A poor performance was associated with a two-fold increased risk of a fall in one year and a 5.7-fold increased risk of having experienced a hip fracture.

"We found that central processing appears to be a very important, if not the most important determinant of people who fall," Birge says.

Implications

That could mean, he says, that there is a physiological basis for the idea saying that when people retire, they "go to pot." A study published last year in Science by Eugene Johnson, professor of pharmacology at Washington University School of Medicine, showed that when neurons in the brain are not nurtured, they simply self-destruct. Perhaps adequate exercise, along with intellectual stimulation and other factors, is part of that nurturing process, Birge speculates.

"The brain may be somewhat like a muscle," he says. "If you don't use it, you lose it.

With that loss, an inactive 80-year-old who suddenly tripped and fell might not realize it quickly enough to react. "There is enough delay in processing the information, then in signaling it to the appropriate muscles, that by the time the information is generated, the person has hit the ground," says Birge.

That loss of central processing speed also affects "fluid intelligence," those intellectual functions that require a rapid grasp of new information, such as learning a name or phone number. Studies by other researchers have shown that exercise may also improve some cognitive functions, such as short-term memory. But it does not affect "crystallized intelligence," or long-term acquired knowledge.

What happens when people try to regain some of that lost central processing speed by beginning to exercise at age 80? They can probably recapture a good deal, Birge says, though they will never have what they did at age 30. Nor can they equal the person who has continued to exercise since age 80.

"Once lost," he says, "some is probably lost forever.

Future Plans

Statistics show that at around age 70, the incidence of wrist fractures levels off, but the number of falls and hip fractures increases dramatically. Clearly, hip fracture victims are not using their hands to break falls; instead, full force is being directed to the hip.

Birge's group is now comparing the central processing speed of wrist fracture patients with that of hip fracture patients. So far the study is showing, as expected, that people with wrist fracture have better central processing speed.

By adding that data to results of earlier research on the epidemiology and psychological mechanisms of falls, they will create a complete profile for the causes and results of falls. The final phase of the study will examine psychological components of falls and hip fractures.

In the future, Birge's team will expand the studies of central processing speed, obtaining even more accurate measures using sophisticated, computer-assisted techniques. They have also begun studying central processing time before, during and just after exercise.

Their goal is to understand better the causes for hip fracture. "Only by knowing the cause can we develop rational strategies to prevent them," Birge says.

And by devising ways to improve central processing speed, they may also help the elderly to sustain more fully their cognitive function. "If we can maintain that intellectual function, we're going to do a great deal toward maintaining the quality of life in the older population," he adds.
Cancer institute awards Purdy $1.4 million

James A. Purdy, Ph.D., professor and chief of radiation oncology physics at the School of Medicine’s Mallinckrodt Institute of Radiology, has received a $1.4 million contract from the National Cancer Institute.

The contract calls for Purdy’s research group to further develop and refine computer-based, three-dimensional treatment planning tools for radiation treatment planning for cancer.

The research will utilize anatomical detail and tissue density information provided by computed tomography and make use of high-speed numerical processing and realtime display systems to calculate and evaluate radiation delivery.

Purdy will lead an interdisciplinary research team made up of medical physicists, computer scientists and physicians from the School of Medicine. The team will work with researchers from the University of Washington in Seattle and the University of North Carolina to develop a user computer interface for 3-D treatment planning tools.

Such systems will enable cancer specialists to individualize plans for treating patients by aiming the maximum dose of radiation directly to the tumor without damaging healthy tissue nearby.

Cholesterol study needs volunteers

The Lipid Research Center at the School of Medicine is seeking individuals who have suffered a heart attack or are being treated for high blood cholesterol levels. The center will conduct a study to involve having blood drawn and seeing a registered dietitian. Participants will be followed for approximately five years.

Principal investigator for the study is Dr. Eugene Goldberg, professor of clinical medicine. The project is funded by Squibb Corp., manufacturers of the primary medication used in the study.

The study’s participants must be 21-75 years old with moderately elevated cholesterol levels, and must have suffered a heart attack within the last 14 months. Women may not be of child-bearing potential.

For more information, call the Lipid Research Center between 1 and 4 p.m. Monday through Friday at 361-8841.

Grant elected to executive faculty

Neville Grant, M.D., has been elected as a representative of part-time faculty members to the Executive Faculty of the School of Medicine. He was chosen by the school’s part-time faculty to serve on the council, which is the school’s governing body.

Grant’s internal medicine practice is with the Grant Medical Clinic, 114 N. Taylor. He also is professor of clinical medicine at the School of Medicine and is on staff at Barnes, St. Luke’s and Missouri Baptist hospitals.

Grant is a member of numerous societies including the American Society of Internal Medicine, American Diabetes Association, Endocrine Society, and the American Medical Association.

Physicians here open arms to Polish family

Thanks to doctors at Washington University Medical Center, 19-month-old Damien Majerus, who was born a blue baby, is going to be just like the heart inside the computer screen.

His parents, Lidia and her husband, Halina Majerus, spent weeks ago in a two-hour operation, led by Thomas Grant, a professor of cardiovascular surgery, at the Medical Center.

The operation was a success. Damien and his mother, Halina Majerus, and aunt — the only member of the family who speaks English — to fly to St. Louis for the testing. Results indicated that Damien has a very unusual and frail condition.

Majerus awarded MERIT status for blood clotting research

Phil W. Majerus, M.D., professor of medicine and biological chemistry at the School of Medicine, has been honored for his scientific contributions by receiving MERIT status for his latest grant.

The five-year grant, totalling $2.3 million, is from the National Heart, Lung, and Blood Institute, part of the National Institutes of Health. MERIT (Method to Extend Research in Time) status provides long-term, unrestricted financial support to investigators who have demonstrated superior achievement during previous research projects.

Philip Majerus is a front runner in the field of hematology/oncology, said William H. Danforth, chancellor of Washington University. “He has played a key role in our understanding of how blood cells respond to environmental signals, specifically in the area of blood clotting. In the 1970s his lab discovered how aspirin prevents heart disease, leading to its widespread use as a preventative medicine. His efforts to understand thrombosis better are most deserving of MERIT status.”

Researchers cannot apply for MERIT status, but are chosen in recognition of their consistent commitment to excellence. Those who receive MERIT status are freed from time-consuming paperwork and other delays associated with grant renewal applications, and may also obtain a three- to five-year extension of their grant, based on an expedited review of work accomplished during the initial period.

Majerus is known for his research on the role of platelets in forming blood clots and for the discovery of mechanisms by which cells respond to hormones and other external agents. These responses follow the formation of several different messenger molecules that carry signals from the cell’s surface to its interior and to other cells. Interference with the formation of one such messenger provides the basis for the use of aspirin to prevent blood clots.

Majerus was the first to conduct clinical research indicating that daily low doses of aspirin can help prevent possibly fatal thrombosis (blood clotting) in kidney dialysis patients, without harmful side effects. His study suggested that aspirin might prevent clotting among patients who had already suffered one such occurrence, and indicated that healthy persons might take aspirin on a regular basis to reduce the possibility of a heart attack. A follow-up study conducted at Harvard University and published last year in the New England Journal of Medicine confirmed Majerus’ preliminary work.

Current work involves studying an endothelial cell protein called thrombomodulin, a natural anticoagulant molecule, and several new enzymes and metabolites he and his colleagues recently discovered, which are involved in generating cell messengers.

Majerus is co-directed of the Division of Hematology-Oncology, principal investigator and director of the Specialized Center for Research in Thrombosis, and a physician at Barnes Hospital at the Washington University Medical Center.
Volunteers needed for Parkinson's/Alzheimer's study

Researchers at the School of Medicine need Parkinson's disease patients as volunteers for a study on the link between Parkinson's disease and Alzheimer's disease.

The project is conducted by the Memory and Aging Project, which carries out long-term research on intellectual function in older adults. The study is one of several funded through a $4 million five-year grant recently received by the Memory and Aging Project earlier this year.

"Clinically and pathologically, there is evidence that these two diseases occur together frequently," explains principal investigator John C. Morris, M.D., assistant professor of neurology and associate director of the Memory and Aging Project.

"Many Alzheimer's disease patients eventually develop some clinical signs of Parkinson's disease, and conversely, many Parkinson's disease patients develop some signs of Alzheimer's. Also, our preliminary studies have found pathological evidence in the brains of deceased patients that the two diseases often are associated."

To determine the relationship between Alzheimer's and Parkinson's, Dr. Morris will assess intellectual and motor function in Alzheimer's patients, Parkinson's patients and healthy controls. He needs only patients over the age of 60 with a confirmed diagnosis of Parkinson's disease. St. Louis must be able to walk by themselves.

Participants will be interviewed by Memory and Aging Project doctors and nurses and given simple memory tests. They will be evaluated to determine movement ability. All testing is free; reports of study results will be sent to personal physicians at the participant's request.

For more information or to volunteer, call the Memory and Aging Project at 362-8285 between 8:30 a.m. and 4:30 p.m., Monday through Friday.

Alumni association has new president

Roger L. Mell, M.D., has been named president of the School of Medicine Alumni Association.

A native of St. Louis, Mell was chief resident in orthopedic surgery at Barnes Hospital. He completed a surgical internship and assistant residency in orthopedic surgery there.

Mell's training also includes assistant residencies in general surgery at St. Luke's Hospital and in orthopedic surgery at the Shapiro Children's Hospital for Crippled Children in St. Louis. In addition, he served as chief resident in orthopedic surgery at John Sharratt Hospital.

At St. Luke's, Mell is president of the Hospital Staff Association. He also serves on the board of trustees of the Southern Orthopaedic Association.

TLC room is open to medical employees' kids

The Washington University St. Louis Children's Hospital Child Development Center will re-open its TLC room for children recuperating from an illness on Sept. 5.

The TLC room, which is not offered during the summer, is open to children whose parents are employed by the School of Medicine, St. Louis Children's and Jewish hospitals.

Children do not need to be enrolled in the center's regular program, but parents must either pre-register for the service or call before bringing the child and register upon arrival.

Children in the TLC room are allowed to set their own pace, sleeping and playing when they want, according to Rosalyn Kleinberg, the center's director. She points out that the service is not for contagious illnesses and that children should be past the infectious stage before coming to the center.

The room is open from 8 a.m. to 5 p.m. at a charge of $3.50 an hour. The Child Development Center, a not-for-profit service, is located at 45457 and 45461 Highland Park Drive.

Hepner to chair society for health care executives

James O. Hepner, Ph.D., professor of health administration and director of the graduate health administration program at the School of Medicine, has assumed the office of chairman of the American College of Healthcare Executives.

Hepner will serve a consecutive three-year term as chairman-elect, chairman and immediate past-chairman with the College, a Chicago-based international professional society of more than 22,000 health care executives.

The college seeks to enhance health care management through comprehensive programs in credentialing, professional assessment, education, career counseling, publications, research and public policy.

Prior to taking the chairman-elect position, Hepner served as a member of the college's Board of Governors, and has served as a member of its Council of Regents. He was the first full-time university faculty member in the college's 50-year history to become a college regent and governor, and is the first to become a chairman officer as well. He also holds fellowship status in the college, the highest level of professional recognition.

Hepner joined the staff at Washington University School of Medicine in 1967 as the first full-time director of the Health Administration Program.

He has received a bachelor's degree in animal husbandry from the University of Missouri at Columbia, and a master's degree in medical physiology from the University of Florida - Gainesville. He received a doctorate in veterinary medicine in 1965 from the University of Missouri. He completed postdoctoral training as a U.S. Public Health Service fellow in laboratory animal/ comparative medicine at the University of Florida College of Medicine.

Veterinary medicine — continued from p. 1

He has written five books, contributed chapters for other books and has published numerous articles in professional journals.

Hepner's staff at Washington University includes two other former University of Tennessee staff members: Gerald A. Olson, D.V.M., is a new staff veterinarian, and Nancy Lou Kaiser Miller is coordinator of animal care.
The annual open enrollment for health insurance will be held during October. During the open enrollment period, you may enroll in or change plans under one of the University's health insurance plans, you may enroll during the open enrollment period. The following rules apply if enrollment is being considered for the first time. You may enroll in one of our Health Maintenance Organizations (HMO), Partners or Group Health Plan; or TIAA Major Medical for coverage on or before Dec. 1, effective Jan. 1, or TIAA Shield, will be effective Dec. 1, effective Jan. 1. The allowance for health insurance was increased from $110 to $120 for full-time non-alliance employees and from $55 to $62 for part-time non-alliance employees paying more than 50 percent time with one year or more service.

Blue Cross-Blue Shield

The Blue Cross-Blue Shield Program is a Preferred Provider Organization intended to encourage physicians to use Blue Cross and Blue Shield's network of alliance physicians, hospitals and surgical centers in the local service area. If a member uses an alliance provider, the services are provided at a reduced fee and the member realizes the full benefit of the BC-BS plan. If the member uses a non-alliance physician, hospital or surgical center within the service area, benefits will be reduced.

The Blue Cross plan provides 100 percent coverage for a semi-private room for up to 70 days in the hospital. If a non-alliance hospital is used, member pays 20 percent of the bill. The Blue Shield plan provides 80 percent of coverage for a physician's fees, generally for inpatient care. If an alliance physician is used, the member pays 20 percent of his fees. If a non-alliance physician is used, the member pays 100 percent of the alliance-approved amount plus any amount the physicians charges in excess of the alliance fee.

Currently, there are about 2,000 alliance physicians in the local service area, and two alliance surgical centers in the St. Louis area from which members can choose. The program does not apply to Medicare participants who are enrolled in the Senior Complimentary Program.

Baby coverage reminder

The University's health plans must notify the Personnel Office of the birth of a baby and complete the appropriate forms to add the newborn baby to their health plan coverage. The completed forms must be submitted to the Personnel Office within 30 days after the birth of the baby.

Partners HMO

The University is offering the Partners HMO as part of its benefits for the current year. Partners HMO is a health maintenance organization licensed by the Missouri Department of Health. The plan offers comprehensive coverage, including hospitalization, inpatient and outpatient services, vision care, dental care and prescription drug benefits, all at an affordable price.

Washington University is a subscribing plan member of Partners HMO. This means that the University, as a member of Partners HMO, has negotiated a group discount for its employees. The University's group discount means that employees can enroll in Partners HMO at a lower premium than if they were to purchase the plan on their own.

蜱chnor earned a bachelor of arts degree in business administration from Webster University and a master of science in human resources and employment administration from Webster University. He has been with the University for 10 years, serving in various roles within the Office of Human Resources. Tichenor is responsible for overseeing the recruitment, selection and onboarding processes for all new hires at the University. He is a member of the Society for Human Resource Management (SHRM) and the National Association of Colleges and Employers (NACE).

Personnel News

Andrew M. Tichenor has been appointed assistant director of personnel for employee benefits programs.

FHA/VA mortgage loans are offered through St. Louis Teachers Credit Union

When St. Louis Teachers Credit Union opened the Mortgage Loan Department in February 1988, their ultimate goal was to become the University's 'mortgage lender'. A complete line of conventional loans offering fixed and adjustable rates were first introduced in February 1988. In June 1988, the credit union developed an in-house mortgage loan program offering 15-year fixed rate mortgages with reduced rates, low points and payroll deduction.

Washington University is fortunate to have a professional with Tichenor's training and experience to manage the University's employee benefits programs, says Karen Koch, mortgage loan supervisor.

For more information or an appointment to discuss mortgage lending programs, call Karen Koch, White, vice chancellor for personnel. Tichenor has a daughter, Kelly.
Kathleen E. Brickey, J.D., George Alexander Professor of Law, has written an article titled "The Polydisperse Sedimenting Suspension" in the Journal of Fluid Mechanics. An article, second article, based on work has completed for his master's degree in chemical engineering at the University of Washington. Research was conducted during the past two years, will appear in a future issue of the journal.

Derek M. Hirsh, Ph.D., professor of history, presented two papers at seminars in Cambridge, England. The papers focused on "Royal Law and Discrimination and Democratization in England in the 1650s" and "Royalist Culture During the Interregnum in Scotland." He also received a paper titled "The Politics of Privacy" for presentation at the Chicago Regional Renaissance Association at Northwestern University.

Rabbi Devorah Jacobson, associate executive director of the Hillel Foundation at Washington University, was awarded a one-year sabbatical leave to study religion and psychology at the Harvard Divinity School. Jacobson, who held her position in July, also recently received senior director status in the Hillel movement.

William C. Jones, J.S.D., professor of law, delivered a lecture on civil law at the New York University School of Law.

Roland Jordan, Ph.D., associate professor of mechanical engineering, was responsible for organizing the concluding plenary session of the Central Midwest Thecacy Society, held in Kansas City, Mo. Leading a discussion and evaluation of the issues raised at the conference, he also presented a paper jointly with Emma Kafanlo, Ph.D., lecturer in computer science at the Naropa Literature Conference, held at the University of Wisconsin, Madison. The paper, titled "Malleable Trajectorial Ambiguity in Brahms and Henry James," presented in a section on narrative and music.

Charles L. Leven, Ph.D., professor of economics, was invited by the Polish Academy of Science and the University of Lodz to spend a week in Poland during May as part of a seven-year American delegation. The delegation visited with local officials, toured industrial facilities and was engaged in extended discussions with Polish scholars in order to formulate recommendations for a proposed Polish-American cooperative study of economic development, environmental protection and public-private partnership processes in the areas of economic development and centralization over the next several years.


F. William Orrick, director of University Communication Services, and Gloria W. White, vice chancellor for personnel, attended the Midwest Regional Administrators Conference in San Antonio and Dallas, Texas, on recent Soviet legal reforms and the future of Mikhail Gorbachev and his programs. She also spoke by the Atari, Cave, McPherson & McPherson law firm's quarterly luncheon. Her speech was titled "The Mathias Rust Case: The Israeli Legal System on Trial."
Richard Walter receives second Fulbright grant to Argentina

Richard J. Walter, Ph.D., professor of history and director of the International Affairs Program, has been awarded a second Fulbright grant to Argentina under the Fulbright Research Program. Walter, who began his study last January, will spend five months in Argentina conducting scholarly research for a future book on Argentine politics.

"The book will be a scholarly work, but I hope, of broad interest," Walter said. "The purpose is to introduce people everywhere to one of the world's most fascinating cities, and to tell them a little bit more about how it developed and how it was governed."

The American Republics Research Project at Washington University, which is designed to encourage understanding between Americans and people of other countries, was established in 1964 under this legislation introduced by former Sen. William Fulbright of Arkansas, American Fulbright recipients and lecture and research conduct research abroad, while foreign award recipients study similar work in the United States.

A specialist in Latin American history and politics, this is Walter's second Fulbright grant for service in Argentina. In 1981, he received a grant to study Argentine politics, and subsequently authored a book, *The Province of Buenos Aires and Argentina*.

Richard J. Walter, politics, which was published in 1985 by Cambridge University Press. Walter joined Washington University's faculty in 1965. He served as chairman of the department from July 1977 to July 1981 and again from July 1982 to July 1987. He received his degree from Washington University in 1961 and his master's and doctorate from Stanford University in 1962 and 1966, respectively.

Ruger is named association's president

Peter H. Ruger, J.D., Washington University's general counsel, has been elected chairman of the board of directors of the National Association of College and University Attorneys (NACUA).

Ruger, a Washington University alumna, has served on NACUA's board of directors and its executive committee and having held the offices of first vice president, second vice president, and most recently, president-elect. NACUA is a non-profit educational organization whose membership includes nearly 2,500 attorneys representing 630 institutions (and one 1.200 campuses). Its primary mission is to improve the quality of legal assistance to higher education by advising attorneys and administrators on campus legal issues.


computer experts to hold meeting here

Since its inception in 1984, the goal of the EWiM conference has been to "extend fundamental growth and development of information technology," says Robert Benson, J.D., executive editor of *The Computer Law Report*. "But the concepts we will discuss in 1989 will encompass worldwide development and competition as well as applications to the so-called third world."

According to Benson, on the past year EWiM has affected more than 1,100 professionals in 67 companies located throughout some 23 countries. Twenty-one new speakers will be on the 1990 program compared to last year's program.

For more information, call Benson at 889-5539, or Donna L. Steen, conference coordinator, at 889-4556.

Assembly Series

Seabean is a former Viennese bureau chief for United Press Interna-
tional and also served one year in Vienna for The New York Times. He was the Times reporter who obtained the Pentagon Papers from Daniel Ellsberg and wrote the stories about the origins of the Vietnam War. The Pentagon Papers earned The New York Times a Pulitzer Prize for public service in 1972.

The Rev. William Sloane Coffin Jr., president of SANE-FREEZE, will speak on Sept. 27. His talk is titled "Peace Economy: Spend for Social Needs" or "The 1987 and the largest peace organization in the United States. For the past 25 years, Coffin has been a strong presence in the civil rights and peace movements. He was senior assistant to the president at Spelman College in New York City and founded its Disarmament Program.

Coffin is perhaps best known as a member of the group of anti-war activists invited to Hanoi in 1973 to inspect the U.S. destruction of non-military targets and accept the release of three prisoners of war, and later, as one of three clergy who led Christmas services in Iran in 1979. He visited Hanoi in 1985. Coffin has a strong presence in the civil rights and peace movements. He was senior assistant to the president at Spelman College in New York City and founded its Disarmament Program.

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Richard I. Walter

Peter H. Ruger
Dental school closure decision headlines summer news

June 7 in Brookings Quadrangle for the attack on the students by Chinese whose appointment as dean in 1986 was appointed dean of the School of governmental leaders and Chancellor Beijing. Those attending the two-hour teaching and research. His statement dental school announcement, Dan-his retirement. ended June 30, 1989, coinciding with overtake."

have worked diligently and earnestly Bensinger, the faculty and the staff noted Danforth. "I know that Dean

Bensinger, the faculty and the staff have worked diligently and earnestly to build a good dental school in circumstances affecting all dental education programs throughout the nation are more formidable than even their most herculean efforts could overcome."

• Richard J. Smith, D.M.D., Ph.D., was appointed dean of the School of Dentistry and will guide the school through its closure, Danforth announced, Smith, a member of the faculty, will serve as dean at the school since 1987. He replaced David A. Bening, D.D.S., whose appointment as dean in 1986 ended June 30, 1989, coinciding with his retirement.

In a statement following the dental school announcement, Danforth said the University is healthy, strong and achieving major goals in teaching, research and service. The school was in line for the time of the annual meeting of the American Association of Dental Schools, which was phasing out its sociology department.

• More than 300 Chinese and Americans held a memorial service in Washington on June 19, 1989, for the student protesters killed in Tiananmen Square in Beijing. Those attending the vigil listened to speeches denouncing the attack on the students by Chinese soldiers. During the rally, organizers read messages of support from area governmental leaders and Chancellor William H. Danforth. Closing the service, participants lit red candles and lined them up along the quadrangle's walkways. Some supporters kept an all-night vigil in the quadrangle.

Charles S. Nolan, Ph.D., was appointed assistant dean and dean of admissions.

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Charles S. Nolan, Ph.D., was appointed assistant dean and dean of admissions. "Dr. Ackoff truly has been one of the pioneers in management science. I look forward to having him here to share his ideas and experiences with our students," said Wash-ington University business school into the top ranks of the nation's leading business schools.

Joseph W. Towle, Ph.D., an internationally known expert in personnel management, and a medical teacher in the business school for 21 years, died July 29 after suffering a heart attack. He was 71.

Towle was well known for his management education—business and policy programs. He joined the faculty in 1954 and was named professor emeritus of management in 1975. He served as acting dean of the business school in 1975.

"Joe Towle was totally dedicated to the betterment of Washington University and our school," said Robert L. Virgil, D.B.A., business school dean. "He was a good, cheerful person. He always saw the bright side and always was ready with a cheerful greeting."

Towle was deeply interested in business education and said a number of essays on the subject that he edited in 1976 still is cited in business research. He also directed the school's Management Study Program from 1960 to 1980.

"Joe took great pride in the Management Study Program," said Virgil. "He also found it very meaningful to be involved in the school's government-sponsored project from 1958-1964 to assist in the development of the business schools at

Emeritus Professor Joseph Towle dies; taught 21 years in business school

University of California, Berkeley, where he was professor of art and associate dean of the College of Humanities and Social Sciences.

Cited as "a university art museum at its best," the Gallery of Art has received accreditation from the American Association of Museums (AAM), in its report, the AAM noted that the gallery added "substantially to the richness of the cultural life of the arts in this city and the university and St. Louis."

"More than 6,000 people were staying in Washington University housing this summer. The 6,000 figure includes 4,900 people who were part of the second U.S. National Senior Olympics held at Washington June 19-24. Civic and business leader Clarence C. Barkdole was elected vice chair and a member of the University of Board of Trustees. The newly created position is a full-time appointment. Barckdale's duties include representing the University and the board in civic activities and helping the University to work more effectively with the community.

As part of a pilot project designed to introduce and attract students to the biomedical sciences, five St. Louis high school biology teachers worked for one more intensive courses in immunology laboratories at the University of Medicine and continued from p. 1.

"A memorial service was held in Jolley Hall, the school's 52,000 square-foot home, for the work of psychiatric laboratory equipment. "Sam P., chair and chief executive officer of Harbour Group Ltd., was elected to the Board of Trustees of the University's John M. Olin School of Business. In addition, three former trustees were re-elected: John F. McDonnell, chair and chief executive officer of The McDonnell Douglas Corp.; Mary Dell Pritzlaff, a civic and charitable leader in Phoenix, Ariz.; and William H. Webster, director of the Central Intelligence Agency, Washington, D.C.

• Kathleen F. Bricker, J.D., pro-fessor of law, was appointed George Alexander MacDonald professor of law.
• Robert H. Salisbury, Ph.D., Sidney W. Stowers Professor of American Government and chair of the political science department, was awarded a Guggenheim Fellowship in recognition of distinguished achieve-ments and exceptional contributions.
• Michael K. Pasque, M.D., assistant professor of surgery, was named chief of heart transplantation at Barnes Hospital and the School of Medicine, and received a five-year, $4.5 million National Heart, Lung and Blood Institute grant to promote experimental heart transplant programs in several U.S. communities.
• The contributions of Jane Lovinger, Ph.D., the William and Stuckenbery Professor Emerita of Human Values and Morality, was the subject of a symposium at the American Psychological Association meeting in New Orleans Aug. 11-15, Lovinger designed the classic sentence-Processing Test for measuring personality development. She gave an address during the gathering.

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**SPORTS**

**Consistency is key to soccer team's strategy**

According to men's soccer coach Ty Keough, consistency is the key to the Bears' success. Why?

Well, for the first time in many seasons, the Red and Green are fielding a team that really has no true superheroes at any position other than goalie, where two-time All-America Chris Scaglione returns. With so many equally talented players, there is a need to develop a strong cohesiveness, which in turn will result in better team play.

Secondly, this year's group must be able to handle the diverse schedule better than they did a year ago. A typical Washington schedule generally features powerhouse teams from the NCAA Division I and II levels, but also some lesser opponents at the Division III ranks. Says third-year coach Keough, the Bears must play as hard and efficiently against the lesser teams as they do against the more difficult opposition.

"A team that is successful usually doesn't have all their eggs in one basket, and I think that will be the case for us this season," says Keough. "Ideally, you want to have a balanced attack where one or two guys don't feel all the pressure to carry the offense. We should have that type of situation this year.

Then there is the mental and psychological part of the game. Last year we got into trouble with this phase. For the most part, we'd play great against the more difficult teams, and come away with an extremely great against the more difficult teams, and come away with an extremely great against the more difficult opposition.

"We're ready," says fifth-year head coach Clemens. "We are where we wanted to be at this time on the competitive schedule. We've worked hard to take us to win big matches, and we don't fear making it happen."

Twelve returnees, including a trio of All-America selections, will be joined by a talented crop of six freshmen in that quest. Simple arithmetic hints that depth will be a Bear ally this year.

"Not only do we have depth," says Clemens, "but we have variety and flexibility within that depth. The players on the court may not necessarily be chosen according to rank, but by the style of play needed. We can run a small, quick team out there or we can put a big, powerful group on the floor when we need to apply the hammer."

The 1989 schedule will provide numerous opportunities for performance of depth. Ever since the Red and Green were ranked high enough to make the NCAA tournament three years ago because of a perceived weak schedule, the Bears have been judged primarily of Division I schools.

"This team craves competition," assesses Clemens. "We need to be challenged by teams that we can beat and create a cohesive unit, then a UAA title and a return trip to the NCAA tournament is possible."

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**Volleyball Bears ready to serve up championship play**

Great expectations.

Make no mistake about it, anticipation is high on the Hilltop Campus for a championship season for the volleyball Bears.

A quick check through the history book offers an easy explanation:

Since senior Teri Clemens first recruited class in the starting lineup, the Bears reversed 12-12 to 1212 — 1987. With three sophomores and two freshmen starters, the Red and Green earned a 478-7 record and advanced to the NCAA round of Elite Eight.

With no seniors on the roster, the Bears went 37-4 and again reached the Elite Eight, being eliminated by the nation's number-two team in the country.

The fabulous freshmen from 1986 are now 1990's seniors. And while the form for expressing it wavers between a whisper and a war cry, the message is clear: "We could go far. Very far.

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**MEN'S SOCCER SCHEDULE**

<table>
<thead>
<tr>
<th>DATE</th>
<th>OPPONENT</th>
<th>TIME</th>
<th>SITE</th>
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<tbody>
<tr>
<td>Fri., Sept. 1</td>
<td>WEBSTER UNIVERSITY</td>
<td>7:30 p.m.</td>
<td>HOME</td>
</tr>
<tr>
<td>Sat., Sept. 5</td>
<td>ALLIANT</td>
<td>1 p.m.</td>
<td>HOME</td>
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<tr>
<td>Wed., Sept. 6</td>
<td>ST. LOUIS UNIVERSITY</td>
<td>7:30 p.m.</td>
<td>HOME</td>
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<tr>
<td>Sat., Sept. 9</td>
<td>Yale Western Reserve University</td>
<td>7:30 p.m.</td>
<td>HOME</td>
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<tr>
<td>Wed., Sept. 15</td>
<td>Univ. of Missouri-St. Louis</td>
<td>4 p.m.</td>
<td>HOME</td>
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<tr>
<td>Sat., Sept. 29</td>
<td>Principia College</td>
<td>7:30 p.m.</td>
<td>HOME</td>
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<tr>
<td>Sun., Sept. 24</td>
<td>Depauw University</td>
<td>3 p.m.</td>
<td>HOME</td>
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<tr>
<td>Sat., Oct. 2</td>
<td>University of Rochester</td>
<td>7:30 p.m.</td>
<td>HOME</td>
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<tr>
<td>Wed., Oct. 4</td>
<td>Maryville College</td>
<td>3 p.m.</td>
<td>HOME</td>
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<tr>
<td>Wed., Oct. 11</td>
<td>Univ. of Missouri-Rolla</td>
<td>7:30 p.m.</td>
<td>HOME</td>
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<tr>
<td>Sun., Oct. 14</td>
<td>PARKS COLLEGE</td>
<td>7:30 p.m.</td>
<td>HOME</td>
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<tr>
<td>Mon., Oct. 16</td>
<td>ALEXANDRIA COLLEGE</td>
<td>3 p.m.</td>
<td>HOME</td>
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<tr>
<td>Thu., Oct. 24</td>
<td>University of Chicago</td>
<td>7:30 p.m.</td>
<td>HOME</td>
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<tr>
<td>Thu., Oct. 28</td>
<td>MacMURRAY COLLEGE</td>
<td>3 p.m.</td>
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*University Athletic Association contest*

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**VOLLEYBALL SCHEDULE**

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<th>DATE</th>
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<th>SITE</th>
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<tbody>
<tr>
<td>Wed., Sept. 1</td>
<td>St. Louis University Quadrangular</td>
<td>7 p.m.</td>
<td>St. Louis</td>
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<tr>
<td>Sun., Sept. 5</td>
<td>Washington U. vs. St. Louis</td>
<td>7 p.m.</td>
<td>St. Louis</td>
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<tr>
<td>Sat., Sept. 15</td>
<td>Washington U. vs. Quincy College</td>
<td>11 a.m.</td>
<td>Columbia, Mo.</td>
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<tr>
<td>Sat., Oct. 16</td>
<td>Washington U. vs. Missouri</td>
<td>7 p.m.</td>
<td>St. Louis</td>
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<tr>
<td>Fri., Oct. 22</td>
<td>Wisconsin-Whitewater Quadrangular</td>
<td>8 p.m.</td>
<td>Whitewater</td>
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<td>Sat., Oct. 23</td>
<td>Wisconsin-Whitewater</td>
<td>7:50 p.m.</td>
<td>Whitewater</td>
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<tr>
<td>Fri., Oct. 29</td>
<td>Wisconsin-Whitewater</td>
<td>9 a.m.</td>
<td>Whitewater</td>
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<tr>
<td>Thu., Nov. 7</td>
<td>Missouri Baptist University</td>
<td>7 p.m.</td>
<td>St. Louis</td>
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<tr>
<td>Fri., Nov. 12</td>
<td>University of Illinois College</td>
<td>7 p.m.</td>
<td>Champaign, Ill.</td>
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<tr>
<td>Sat., Nov. 13</td>
<td>University of Illinois College</td>
<td>TBA</td>
<td>Champaign, Ill.</td>
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*University Athletic Association contest*
CALENDAR

LECTURES
Thursday, Aug. 31
10 a.m. Dept. of Microbiological Seminar, "X-ray Diffraction and Protein Folding," Dr. J. F. F. Groenen, junior professor of biological chemistry, University of Amsterdam. Department of Biochemistry and Medical Biophysics, 292 S. Bldg.
11 a.m. Assembly Series Poetry Reading, Marjorie E. Foster, playwright and author, Collected Poems and The Arkansas and Other Poems. Hillel House, 6300 Forsyth Blvd. For more info., call 889-5581.


Wednesday, Sept. 6
10 a.m. Thesis Defense, "Transcriptional Regulation of Rous Sarcoma Virus and Related Avian Viruses," Dr. Brian C. T. McDermott, prof., Dept. of Microbiology, School of Medicine, 4577 McKinley.
1 p.m. Men's Soccer. WU vs. St. Louis U.

MUSIC
Thursday, Aug. 31
4:30-6:30 p.m. WU Wind Ensemble Open Rehearsal. To schedule an appointment or for more info., call 889-5581.

Friday, Sept. 8
4 p.m. Dept. of Biological and Biomedical Sciences Plant Biology Seminar, "Syntethic pharmacy and biotechnology." WU prof., Dept. of Computer Science. Hillel House, 6000 Forsyth Blvd. For more info., call 720-4177.

EXHIBITIONS
"Washington University Permanent Collection." Through Dec. St. Gallery of Art, Science Museum Tower. 10 a.m.-5 p.m. weekdays, 1-5 p.m. weekends. For more info., call 889-6525.

MISCELLANY
Tuesday, Sept. 5
11 a.m. Thesis Defense, "The Combinatorial Evolution of the Protein Y Box," Dr. Craig M. Silverman, prof., Dept. of Biology and Biomedical Sciences Plant Biology Seminar, "Biosynthesis of Archaeal Carotenoids."

SPORTS
Friday, Sept. 1
7:30 p.m. Men's Soccer. WU vs. Webster University. Francis Field.
Sunday, Sept. 3
1 p.m. Men's Soccer. WU vs. Alumni. Francis Field.
Wednesday, Sept. 6
7:30 p.m. Men's Soccer. WU vs. St. Louis U. Francis Field.

Eight-week smoking cessation program begins Sept. 5.

The Washington University Smoking Clinic will begin its 12th year of helping smokers kick the habit with a new session scheduled to begin on Tuesday, Sept. 5. Orientation for the eight-week program will be held at 5:30 p.m. on campus.

The course, to be held on Tuesdays, costs $50, but all but $10 of the fee is refundable at the end of the session, once location and to register, call 869-6527.

The clinic has seen hundreds of smokers during the past 11 years, says Edwin B. Fisher, Ph.D., associate professor of psychology and director of the University's Center of Health Behavior Research. He is a nationally recognized expert on the psychology of smoking and serves as president of the American Lung Association of Eastern Missouri.

During that time, we have been doing smoking cessation research through the Department of Psychology," says Fisher. "We've found that we could — without shocks or nausea or any other aversive procedures — achieve state-of-the-art success rates of about 30 percent. The average successful quitter falls two or three times before ultimately succeeding," Fisher adds, "so even people who relapse at the end of our clinic may use what we've taught them to quit later on."

Nationwide, the success rate for people trying to quit smoking on their own is about 5 percent, Fisher says. He and his colleagues have found success more likely when quitters set a fixed quit date rather than reducing gradually the number of cigarettes they smoke. The clinic's program includes several sessions before the quit date to help people assess their motivations for smoking.

Before their quit date, participants learn how to reduce the extent to which certain triggers make them want to smoke. Triggers can be a morning cup of coffee, a work break, a telephone call or other activity. "Smoking is associated with almost every social situation and feeling that we experience," says Fisher.

After their first week, participants learn how to find new, healthy activities that they can do instead. The clinic uses a modified version of the Freedom From Smoking program created by the American Lung Association. Fisher's research has helped the Lung Association evaluate and revise its programs.

"We are now developing plans to train volunteers in community agencies, church groups and civic organizations to run smoking cessation programs for their own members and their communities," Fisher says. "We especially are interested in exporting our procedures to the rural parts of Missouri, where people may have less access to these kinds of programs than in the metropolitan areas."

The smoking cessation program at Washington University is co-sponsored by the American Lung Association and the Missouri Department of Health. It is supported by a grant from the National Cancer Institute.

CALENDAR
The deadline to submit items for Sept. 21-30 is Aug. 15. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event, also include your name and telephone number. Send items to Bill Winter, calendar editor, Box 1071, or by electronic mail to dwt@wumc.wustl.edu.

Workshop in Poetry with Elizabeth Gordon. WU graduate student in The Writing Program. Eight Saturdays through Oct. 28. 8755. To register and for more info., call 889-6786.

8:30-10:30 p.m. Eighth Annual Enterprise-wide Information Management (EwIM) Conference to discuss the latest in computer and information systems in the business world. Sponsored by STIM and the IBM Los Angeles Scientific Center (AIA-Phx. Sept. 7, same time and place, Fri., Sept. 8, 8:30 a.m. to 4:30 p.m.) WU and St. John's Community Hospital, Cost: Full fee members $195; non-members $69.5. For more info., call 889-5559 or 889-9690.

Saturday, Sept. 9
1-4 p.m. University College Writing Workshop in Fiction with Elizabeth Gordon, WU graduate student in The Writing Program. To register or for more info., call 889-6786.

The smoking cessation program at Washington University is co-sponsored by the American Lung Association and the Missouri Department of Health. It is supported by a grant from the National Cancer Institute.

Weekend, Sept. 9-10, same time. For more info., call 889-5581. For more info., call 889-6786.

SPORTS
Saturday, Sept. 9
7:30 p.m. Men's Soccer. WU vs. Stanford University. Francis Field.
Sunday, Sept. 10
1 p.m. Men's Soccer. WU vs. Alumni. Francis Field.
Wednesday, Sept. 6
7:30 p.m. Men's Soccer. WU vs. St. Louis U. Francis Field.

Eight-week smoking cessation program begins Sept. 5.

The Washington University Smoking Clinic will begin its 12th year of helping smokers kick the habit with a new session scheduled to begin on Tuesday, Sept. 5. Orientation for the eight-week program will be held at 5:30 p.m. on campus.

The course, to be held on Tuesdays, costs $50, but all but $10 of the fee is refundable at the end of the session, once location and to register, call 869-6527.

The clinic has seen hundreds of smokers during the past 11 years, says Edwin B. Fisher, Ph.D., associate professor of psychology and director of the University's Center of Health Behavior Research. He is a nationally recognized expert on the psychology of smoking and serves as president of the American Lung Association of Eastern Missouri.

During that time, we have been doing smoking cessation research through the Department of Psychology," says Fisher. "We've found that we could — without shocks or nausea or any other aversive procedures — achieve state-of-the-art success rates of about 30 percent. The average successful quitter falls two or three times before ultimately succeeding," Fisher adds, "so even people who relapse at the end of our clinic may use what we've taught them to quit later on."

Nationwide, the success rate for people trying to quit smoking on their own is about 5 percent, Fisher says. He and his colleagues have found success more likely when quitters set a fixed quit date rather than reducing gradually the number of cigarettes they smoke. The clinic's program includes several sessions before the quit date to help people assess their motivations for smoking.

Before their quit date, participants learn how to reduce the extent to which certain triggers make them want to smoke. Triggers can be a morning cup of coffee, a work break, a telephone call or other activity. "Smoking is associated with almost every social situation and feeling that we experience," says Fisher.

After their first week, participants learn how to find new, healthy activities that they can do instead. The clinic uses a modified version of the Freedom From Smoking program created by the American Lung Association. Fisher's research has helped the Lung Association evaluate and revise its programs.

"We are now developing plans to train volunteers in community agencies, church groups and civic organizations to run smoking cessation programs for their own members and their communities," Fisher says. "We especially are interested in exporting our procedures to the rural parts of Missouri, where people may have less access to these kinds of programs than in the metropolitan areas."

The smoking cessation program at Washington University is co-sponsored by the American Lung Association and the Missouri Department of Health. It is supported by a grant from the National Cancer Institute.

CALENDAR
The deadline to submit items for Sept. 21-30 is Aug. 15. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event, also include your name and telephone number. Send items to Bill Winter, calendar editor, Box 1071, or by electronic mail to dwt@wumc.wustl.edu.