Athletic complex receives $650,000 gift to raise $3,822,000 for construction project

The trustees of The Kresge Foundation, Troy, Mich., have approved a $650,000 challenge grant to WU toward construction and renovation of its athletic facilities. Payment of the $650,000 grant is conditional upon WU's ability to raise new, restricted gifts totaling $3,822,000 by June 15, 1985, to complete the funding of the project, which, including endowment, totals $15,392,000.

According to Chancellor William H. Danforth, "The challenge grant comes at a critical time in our fund raising for this project. It is a great stimulus because it is absolutely essential to raise the additional funds needed to complete the project in order to qualify for the Kresge grant. We are immensely grateful to The Kresge Foundation for its generosity and interest in Washington University.

John R. Barsanti Jr., a trustee of WU and a member of the St. Louis law firm, Armstrong, Teasdale, Kramer & Vaughn, will head a committee to seek the remaining funding.

The complex, the first major renovation and expansion of the University's sports and recreation facility in more than 50 years, when completed in spring 1985, the heated, Olympic-size pool will be open to students, faculty and staff. In addition to eight swimming lanes, the pool will feature a diving area with one three-meter spring board and two one-meter spring boards.
Edison Theatre's season offers variety in drama, music and dance events

Edison Theatre's 1984-85 offering is aptly described in the words "sample the variety," which headline the season's brochure. A unique resource which serves the University and St. Louis communities, the theatre features both WU's Performing Arts area productions and professional touring groups. The season opens Sept. 22 with the Missouri Repertory Theatre's "Come Back, Little Sheba," the work which launched playwright William Inge's career.

Remaining drama events on the playbill are two Performing Arts area productions. Bertolt Brecht and Kurt Weill's "The Threepenny Opera" will be presented Oct. 19-20 and 26-27. Joseph R. Roach Jr., chairman of Performing Arts, will direct the musical. "Blues for Mr. Charlie," James Baldwin's searing drama of racial tension, will play Feb. 8-9 and 15-16, and will be directed by Rhonnie L. Washington, WU assistant professor of speech.

The piano is the key instrument in musical events that feature Anton Kuerti, who will lecture prior to his all Schubert program; Ursula Oppens, a young artist versatile in both traditional and contemporary works, and Seth Carlin, the University's pianist-in-residence, who will perform a recital of late Beethoven pieces.

The Fourth Composers' Concert, scheduled Sept. 23, will showcase the works of WU faculty composers Robert Wykes, John Perkins, Roland Jordan and Harold Blumenfeld in an event that also includes performances by members of the St. Louis Symphony and the St. Louis Conservatory and Schools for the Arts.

In late January, the Emerson String Quartet, described by the Washington Post as "one of the finest ensembles of its kind in the country," will perform an all Beethoven program.

Artists contributing an international flavor include the University of Northern Illinois Gamelan performing on Indonesian bronze xylophones and gongs Nov. 2, and Flamenco guitarist Ricardo El Morito Feb. 23.

In the dance department, Edison Theatre has earned a reputation for bringing in companies of the highest caliber who otherwise might not be seen in St. Louis; this year is no exception.

On Nov. 3, audiences will have the rare opportunity to view The Oskar Schlemmer Bauhaus Dances, the union of architecture and performance which emerged from one of the most significant artistic endeavors of the century.

In collaboration with Dance Saint Louis, Edison will co-sponsor two dynamic new companies, the Elise Monte Dance Company Nov. 30-Dec. 1, and the Sara and Jerry Pearson Dance Duo March 22-23. The Monte Company recently performed in Opera Theatre of St. Louis' production "Orfeo and Eurydice."

Due to popular demand, the St. Louis Repertory Dancers, a professional company, will play Feb. 8-9 and 15-16, and will be directed by Rhonnie L. Washington, WU assistant professor of speech.

Ketner named acting director of Gallery of Art

Joseph D. Ketner II has been named acting director of WU's Gallery of Art in Steinberg Hall, effective Sept. 1. He will hold the position during the interim. Since 1983, he has been the curator of exhibitions in Renaissance and Baroque art at the Walters Art Gallery in Baltimore, Md. He currently is completing requirements for a doctorate in art history at the University of California-Los Angeles. He holds a master of art history degree from the University of Southern California-Los Angeles.


Ketner is a faculty member of the Department of History, who will perform the position of acting director. Since 1983, he has been the curator of exhibitions in Renaissance and Baroque art at the Walters Art Gallery in Baltimore, Md. He currently is completing requirements for a doctorate in art history at the University of California-Los Angeles. He holds a master of art history degree from the University of Southern California-Los Angeles.

Assembly Series—continued from p. 1

on the "Development and Dista
rection in the Third World: Trends and Prospects" when he delivers the Ben-
jamin E. Youngdahl Lecture at 4 p.m. Friday, Sept. 29.

Manley had served as prime min-
ister of Jamaica for eight and one-half years before losing in a general elec-
tion in 1980. On Nov. 28, he will speak on "The Left and the Right in the Caribbean: History and Current Trends."

Shipley, author of the award-win-
ning book "Russia: Broken Idols, Sol-
enn Dreams," will talk on "Russia" Oct. 7-8. In April 1984, the book won the Overseas Press Club Award for the best book on foreign affairs.

Jonathan Spence, professor of history at Yale University, will de-

deliver the Alice Hahn Goodman Me-
morial Lecture Oct. 10. His talk is titled "China and the West: A 16th-
century Definition of Cultural Ex-
change."

Morton Kondrake, executive ed-

Kondrake also writes a monthly col-
umn for The Wall Street Journal, and hosts a weekly radio talk show on an NBC affiliate in Washington.

Tony Brown, host and executive producer of Public Broadcasting Ser-
vice's "Tony Brown's Journal," the nation's longest running national black-affairs television series, will be the featured speaker Oct. 24, for the Black Arts and Sciences Festival.

Blanche Wiesen Cook, professor of English at John Jay College of Criminal Justice of the City Univer-
sity of New York, will deliver the United Nations Day Lecture at 4:30 p.m. Oct. 24. She will speak on "Eleanor Roosevelt."

The Japanese Encounter with Com-
merce from 1976-78 during the Cartier administration, will deliver the Olin Conference Oct. 51.

A special addition to the As-
sembly Series schedule will be a per-
formance by the Opera Theatre of Saint Louis at 4 p.m. Tuesday, Nov. 13, in Edison Theatre. The opera company will present Berto-
lt Brecht and Kurt Weill's "The Threepenny Opera" 1984-85 offering is

"Lula Birnbach's College Guide," will speak Nov. 29. The title of her talk is "Lula Birnbach's College Show: How to Make College the Happi-
est Decade of Your Life."

Oscar Handlin, Carl M. Loeb Uni-
versity Professor at Harvard Univer-
sity, will speak Dec. 5 on "Subver-

will live in New York City in the in-
terim, he will continue to organize a special loan exhibition for the gallery for fall 1986, titled "Paris in Japan: The Japanese Encounter with Euro-
pian Painting."

Bernard Barrie will fill Ketner's position during the interim. Since 1983, he has been the curatorial cons-
ultant in Renaissance and Baroque art at the Walters Art Gallery in Bal-
timore, Md. He currently is complet-
ings requirements for a doctorate in art history at the University of Cali-
ifornia-Los Angeles. He holds a master of art history degree from the Uni-
versity of Southern California-Los Angeles.
Kathleen F. Brickey, professor of law, has authored a three-volume treatise titled Corporate Criminal Liability. The treatise, a comprehensive work on the application of the substantive law of crimes to corporations and their officers and agents, was published in August by Callaghan & Company and will be supplemented annually.

Joel E. Brown, Ph.D., Bernard Becker Research Professor in Ophthalmology, has been named a Robert E. McCormick Scholar by Research to Prevent Blindness (RFB), Inc., a voluntary organization committed to the financial support of eye research. Brown will receive a 2-year fellowship and a grant of $20,000 to support his research, which centers on the mechanisms by which retinal photoreceptors react to light. Brown is the second WU faculty member to be named a McCormick Scholar. Robert F. Miller, M.D., associate professor of ophthalmology, physiology and biophysics, received the award in 1982.

Carlos Buznego of Miami, a second-year medical student at WU, is one of 26 recipients of a Medical Perspectives Fellowship from the National Fund for Medical Education (NFME). The fellowship program, now in its seventh year, is supported by a grant from SmithKline Beechman Corp. Buznego received approximately $5,300 to study the impact of the Keckman Gerontology Research Center on the elderly, as well as health and safety concerns of the elderly population.

Philip L. Cantelon, recently has been appointed assistant professor of psychiatry in the School of Medicine, where he will continue his research in communication science and in the Departments of Speech and Hearing and a researcher at Central University College and professor of history in the School of Fine Arts. The American Atom: A Documentary History of Nuclear Policies From the Discovery of Fission to the Present, a meeting of the American Academy of Arts and Sciences, placed 7th overall, Schatzman was captain of the WU teams.

Bruce H. Cohen, M.D., and Kenneth M. Karlin, M.D., have been named by the Department of Ophthalmology as the first recipients of the Storz Fellowships in Ophthalmology. The fellowships, established through an $880,000 endowment to the School of Medicine and Barnes Hospital from the late Charles R. Storz Jr., will be used to fund students seeking advanced training in ophthalmology. Storz, the former head of Storz Instrument Co., died in 1979.

Scot G. Hickman, assistant professor of medicine, Walter C. Bauer, professor of surgical pathology, and John L. Kardos, professor of audiology, have been named as WU faculty members to be named a McCormick Scholar. Robert F. Miller, M.D., associate professor of ophthalmology, physiology and biophysics, received the award in 1982.

Carlos Buznego of Miami, a second-year medical student at WU, is one of 26 recipients of a Medical Perspectives Fellowship from the National Fund for Medical Education (NFME). The fellowship program, now in its seventh year, is supported by a grant from SmithKline Beechman Corp. Buznego received approximately $5,300 to study the impact of the Keckman Gerontology Research Center on the elderly, as well as health and safety concerns of the elderly population.

Donald R. Calvert, Ph.D., director of Central Institute for the Deaf and professor of audiology, and Debbie Gittelman-Nadeau, associate professor of audiology, presented a poster session describing "The Dynamic Range Configuration of the Auditory System" at the American Association of the Deaf at WU, one of 26 recipients of a Medical Perspectives Fellowship from the National Fund for Medical Education (NFME). The fellowship program, now in its seventh year, is supported by a grant from SmithKline Beechman Corp. Buznego received approximately $5,300 to study the impact of the Keckman Gerontology Research Center on the elderly, as well as health and safety concerns of the elderly population.

John L. Kardos, professor of chemical engineering and director of the Materials Research Laboratory, was featured in a recent edition of the national television science series "How About..." The program was titled "Testing Man-Made Body Parts."

Judith L. Lauter, Ph.D., associate professor and director of communication sciences and disorders in the Department of Speech and Hearing and a researcher at Central University College and professor of history in the School of Fine Arts. The American Atom: A Documentary History of Nuclear Policies From the Discovery of Fission to the Present, a meeting of the American Academy of Arts and Sciences, placed 7th overall, Schatzman was captain of the WU teams.

Robert C. Williams, dean of University College and professor of history, has received a Distinguished Achievement Award from the Washington Educational Press Association for his essay "The Sounds of Silence: The Academy and the Nuclear Question." His book, The American Atom: A Documentary History of Nuclear Policies From the Discovery of Fission to the Present, was edited with Philip L. Cantelon, and recently has been published by the University of Pennsylvania Press.

Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected as officer of a professional organization? The Washington University Record will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and encouraged. Send a brief note with your name, position, department and activity to Notables Box 1142. Please include a phone number where you can be reached.

Fine arts school names fashion design area head

The School of Fine Arts has selected a fashion designer and educator from Dallas, Texas — the third largest fashion center in the country — to head its fashion design area. Henry C. Swartz, former associate professor of art at North Texas State University, and a professional designer in Dallas and on the East Coast, will begin teaching here as an associate professor in the fall.

Swartz has been employed at North Texas since 1972 and served for nearly six years as undergraduate coordinator in the department of art. He was an art instructor from 1972-77 at Virginia Commonwealth University and previously was a designer for Bobbi Rogers Industries in Reading, Pa.

He holds a bachelor of fine arts degree in fashion design from Pratt Institute in Brooklyn, N.Y., and a master of fine arts degree in costume design from Virginia Commonwealth University, Richmond, Va.

Students meet Colombia president during Summer Language Institute

Nineteen WU students met the president of Colombia while they were studying Spanish in his country this summer. They were participants in the Summer Language Institute in Colombia, May 14 to June 23, sponsored by WU’s Department of Romance Languages.

Raymond L. Williams, associate professor of Spanish, and director of the language institute, arranged the visit of Colombian president Belisario Betancur. Williams also is founder and president of the Association of North American Colombianists (ANAC), which held its second annual meeting June 15 in Colombia. After Betancur met with the ANAC group, Williams invited the Colombian president to meet the WU students, who were staying at the Rincón de Quiarama, near Medellin.

"When his helicopter landed on the soccer field, the students lined up to shake hands with him," Williams said. "It was a real thrill for them.

"President Betancur is trying to improve the image of his country, and he especially is interested in supporting the country's cultural life."

The students receive seven credits for completion of the language institute, which is administered and taught by WU faculty. In addition, conversation classes are taught by native Colombians, and Spanish is spoken during classes and at meals.

Belisario Betancur, president of Colombia, met 19 WU students who were studying Spanish this summer in his country. The receiving line includes, from left: students Mark Drazner, Sarah Hoagland (partially obscured) and Beau Heath. Colombian writer Carlos Jaramillo, student Edwin Burker, WU Assistant Professor of Spanish Yvonne Captain; and student Jennifer Farrelly.

Brian Cochran, a WU graduate student and teaching assistant in the Department of English, will edit "The Proceedings of the Symposium on Myocardial Perfusion and Cardiopulmonary bypass" for Isshiyaku EuroAmerican Inc. Publishers. The symposium was held recently in Tokyo, Japan. The proceedings will be published in a 100-page book for distribution worldwide and is scheduled to be simultaneous U.S. and Japan publication later this year.

Henry C. Swartz
Anderson appointed chief of general surgery

Charles B. Anderson, M.D., has been appointed chief of the Division of General Surgery at the School of Medicine. The appointment was announced by Samuel A. Wells, M.D., Bixby Professor and chairman of the Department of Surgery at the School of Medicine.

Anderson is head of the renal transplant team at Barnes Hospital and a staff surgeon at Children’s and Jewish hospitals, sponsoring institutions of the WU Medical Center. His new appointment also carries the position of chief of general surgery at Barnes Hospital.

Anderson is best known for his work in transplantation and vascular surgery. His studies on planned blood transfusions in kidney recipients — a process by which the renal transplant candidate receives blood transfusions from the donor before the transplant operation — have received international recognition. The blood transfusions significantly decrease chances of rejection by the kidney recipient. The research is supported by a $600,000 grant from the National Institutes of Health (NIH) and a $60,000 grant from the Missouri Kidney Program.

He has evaluated and helped develop a variety of other techniques to prevent kidney rejection, including the use of radiation and chemotherapy. Anderson has participated in several research projects that have helped to define the mechanisms of tissue rejection, especially the role of antibodies and other products of white blood cells. Another NIH grant supports its studies of prostaglandin metabolism in preserved and transplanted kidneys.

Anderson’s work also has advanced understanding of the relationship between kidney failure and malfunction of the parathyroid gland. Patients with renal failure commonly experience problems with the parathyroid, which controls calcium balance in the body.

This year, Anderson was one of the 400 surgeons selected as the first in the United States to be certified in vascular surgery by the American Board of Surgery.

Anderson joined the faculty of the School of Medicine in 1970 as an instructor in surgery, and became professor in 1979. He received the bachelor of arts degree with honors from the Johns Hopkins University, and is a 1962 graduate of Yale University School of Medicine. He interned and served his residency in surgery at Barnes Hospital.

His professional memberships include the American Association for the Advancement of Science, American College of Surgeons, American Surgical Association, Society of Clinical Surgery, Society of University Surgeons, Society for Vascular Surgery and Transplantation Society. Anderson has published more than 125 articles on his research in vascular surgery and kidney transplantation.

Earlobe Anatomy

Crease may mean heart problems

Beyond the pierce-or-not-to-pierce question, the earlobe draws little attention. That innocuous pendant of flesh, however, may be an easily visible clue to the health of your heart.

A particular crease in the earlobe indicates an increased risk of developing coronary artery disease, the number one killer of Americans today, says a physician at the School of Medicine.

William J. Elliott, M.D., Ph.D., fellow in pharmacology, says the crease in question commonly begins where the earlobe attaches to the head and angles diagonally toward the back edge of the ear. The crease can be faint, or very deep and obvious. It may occur on one ear or both.

Elliott’s 1,000 patient study, conducted at Barnes Hospital and others in St. Louis, shows that 74 percent of patients with the earlobe crease suffered from coronary artery disease, while only 16 percent of those without the crease were afflicted.

The WU study on the relationship of earlobe creases to coronary artery disease also reviews earlier similar studies covering approximately 6,500 additional subjects. Of those, 1 percent with the earlobe crease actually had heart disease.

These data would suggest that the earlobe crease is a strong risk factor for coronary artery disease, Elliott says.

The most widely recognized risk factors include high blood pressure, diabetes, obesity, a high level of blood cholesterol, smoking and a family history of heart disease.

People with “type A” personality — who can’t cope with stress and tend to create it for themselves — also have a somewhat greater risk.

Elliott’s sample, however, the earlobe crease more accurately predicted likelihood of coronary artery disease than any of the other, better-known risk factors.

Even so, Elliott calls his study significant but not earth-shattering.

“It’s not going to make a big difference in how medicine is practiced, but it may open physicians’ and patients’ eyes to see signs that are there. Checking the earlobes certainly adds no cost or difficulty to any examination — it takes all of a second and a half — and it could be more helpful than a lot of other things,” Elliott says.

Elliott cautions against overreacting to any suspicious crease. There’s an important difference between risk factors and diagnostic tests. “If you have a positive risk factor, there’s an increased likelihood that you have the disease or could develop it,” he says. “On the other hand, if you have a positive diagnostic test, you almost certainly have the disease.”

The difference is a matter of statistical probability over individual diagnosis, he says. “If you find 100 people with earlobe creases, it’s likely that 60 to 75 of them will have coronary artery disease; that’s many more than you’d find in 100 people without earlobe creases. The point is, based solely on the earlobe crease, you can’t say whether a person with a crease has coronary artery disease.”

Elliott suggests that persons who have the crease see a doctor for a check on their blood pressure and blood levels of cholesterol. Medication, lifestyle and diet can influence coronary artery disease.

But why an earlobe crease? Is there something about its physiology or anatomy that seems to tie it so directly to the condition of the heart? The earlobe, one of the thinnest structures in the body, is well supplied with tiny arteries called arterioles. The theory is that changes in earlobe arterioles may reflect changes in coronary arteries.

Elliott says: “It has been suggested that degeneration of the elastic substance around the earlobe arterioles contributes to the crease. That’s consistent with loss of elasticity that characterizes hardening of the arteries, especially in the heart.”

Joseph Schuster

Results of the Washington University study of 1,000 subjects and their incidence of earlobe crease and coronary artery disease was published in the December 1983 issue of The American Journal of Medicine.
Melvin M. Figley, nationally recognized radiologist and editor of the American Journal of Roentgenology, will deliver the 13th Annual Wendell G. Scott Memorial Lecture at 5:30 p.m. Monday, Sept. 10, at the Mallinckrodt Institute of Radiology, WU Medical Center, 510 S. Kingshighway Blvd.

Titled "Publication in Radiology: 1984 Challenge to Traditions," the lecture will be held in Scarpellino Auditorium. Figley will speak on the future of scientific and medical communications.

Since 1976, Figley has served as editor of the American Journal of Roentgenology, a major journal of radiology for nearly eighty years. During his tenure, the journal has grown in stature and readership.

In addition, Figley is on staff at the University of Washington in Seattle. His association with the University of Washington began in 1958, when he was appointed professor of radiology and radiologist-in-chief at the University Hospital. Retiring from these positions in 1978, he has continued to serve the university as professor for both the department of medicine and the department of radiology.

A man of many honors, including membership in Alpha Omega Alpha, a Markele Scholarship, and a Gold Medal from the Association of University Radiologists, he is an honorary fellow of the Royal Australian College of Radiologists, the Royal College of London, and the Royal College of Radiologists. He has delivered named lectureships at six societies and universities.

His leadership skills have been recognized by many organizations, having served as president of the Association of University Radiologists, the American Society for Cardiovascular Radiology, and the American Roentgen Ray Society. He also has been chairman of the Fleischner Society and vice president of the Society of Chairman of Academic Radiology Departments.

A Phi Beta Kappa graduate of Dartmouth, he received the doctor of medicine degree, magna cum laude, from the Harvard Medical School. He interned in medicine at the University of Michigan, where he continued on the faculty for nine years.

The lecture was established by friends and colleagues of Scott as a memorial of his loyalty and excellence at the Mallinckrodt Institute of Radiology. A 1932 graduate of WU's medical school, Scott served his residency in radiology at the School of Medicine at the time of his death in 1972.

Noted radiologist to deliver Wendell G. Scott memorial lecture

Richard Noren found working in the nursery his most memorable experience while volunteering at Beth Israel Hospital in New York.

Hartl named genetics head

Daniel L. Hartl, Ph.D., has been named James S. McDonnell Professor and head of the Department of Genetics at WU's School of Medicine.

Announcement of the appointment, effective Sept. 1, was made by Chancellor William H. Danforth. Hartl replaces Donald Schafffer, Ph.D., who has asked to be relieved of his administrative duties in order to concentrate on his research and writing.

The McDonnell Professorship in genetics was established in 1975 through gifts from James S. McDonnell and the McDonnell Foundation. McDonnell, who had a lifelong interest in genetics, also provided funds to establish the university's Department of Genetics.

Hartl joined the medical school's faculty in 1981 as a professor of genetics. His research concentrates on how genes can transfer from one species to another and how much change occurs with these genes when a new species is formed.

He came to WU from Purdue University in West Lafayette, Ind., where he served as associate professor and professor of biological science. During his seven years at Purdue, he spent a year as a visiting professor at the University of Zurich in Switzerland. Hartl also has been a faculty member at the University of Minnesota in Minneapolis.

He served as a National Institutes of Health postdoctoral trainee at the University of California-Berkeley, and as a National Aeronautics and Space Administration predoctoral trainee at the University of Wisconsin-Madison.

Hartl received the bachelor of science degree in zoology in 1965, and a doctorate in genetics in 1968, from the University of Wisconsin-Madison.

He was the recipient of the National Institutes of Health Career Development Award from 1974-79, and the Samuel Weiner Award Medal from the University of Wisconsin-Wausau in 1963.

Hartl is a member of the board of directors of the Genetics Society of America, and is on a National Institutes of General Medical Sciences committee that reviews grants related to the genetic basis of disease.

He serves on the editorial committee of the Annual Review of Genetics and is associate editor of Molecular Biology and Evolution, and Genetics. He has written six books and more than 60 research articles on genetics, and is author or co-author of 12 book chapters.

Nurses’ strike creates job for vacationing student

Richard Noren will always remember the summer of ‘84. It’s the summer the second-year WU medical student’s vacation in New York City made The New York Times.

While he was visiting his fiancee, Amy Feigen, a 1983 WU sociology graduate, non-medical employees at many of New York City’s private, non-profit hospitals and nursing homes went on strike. Noren was one of the many volunteers who came to the rescue of the hospitals.

His help was most welcome at Beth Israel, a 934-bed hospital where nurses walked out in sympathy. He was recruited by Feigen, who was serving a summer internship at Beth Israel Hospital as part of her graduate studies in health care administration.

"It was going to be my last free summer before internships and residencies," Noren was quoted as saying in The New York Times, which published a story on the volunteers in its July 30 edition. "I had intended to stay away from hospitals. Oh, well — the life of a doctor.

Averaging five hours each weekday and eight hours on Saturdays and Sundays, Noren started his shifts in the food service department, cooking vegetables and serving trays to patients. He began working in the nursery at the suggestion of a nurse who was not on strike.

Volunteering in the nursery, full with 50 infants, was Noren’s most memorable experience. "They kept me busy just changing diapers," he exclaimed. He had never before changed a diaper, so at first, it took him about five minutes to change one baby. Noren admitted. By the end of his two and one-half weeks, though, he could diaper five babies in fifteen minutes.

"I’ll never forget my volunteering experience," he said. "I enjoyed the work even when I was in the food service department. It made me feel good helping the patients; they really appreciated it."
Steroids increase strength, heart risks

Bodybuilders and powerlifters who take anabolic steroids to increase the strength and size of their muscles also may be substantially increasing their risk of heart disease, according to WU School of Medicine researchers.

Studies have shown that anabolic steroids — or androgens — decrease blood levels of high density lipoprotein (HDL). HDL is believed to help prevent heart disease by acting as a transporter to clear cholesterol from the bloodstream.

After only four weeks of use, anabolic steroids may reduce HDL changes that could be a three- to four-fold increase in the risk of coronary artery disease, said Ben Hurley, who headed the WU study. Hurley, a former postdoctoral fellow in the Department of Preventive Medicine, is now on the faculty at the University of Maryland-College Park. Results of his research was published July 27 in a special Olympics edition of the Journal of the American Medical Association.

"No one knows how immediate the danger is," said Hurley. "Many strength-trained athletes using anabolic steroids were found to have mean HDL levels about 60 percent lower than normal."

One participant, a national powerlifting champion who took anabolic steroids for several months, dropped his HDL level to 11 milligrams, and still had an abnormally low HDL level after 112 days off the drug. Hurley points out that only five percent of the population in that age group has an HDL level as low as 28 grams per 100 milliliters of blood.

Similar results were observed in two females who had taken anabolic steroids for a year. One woman, a 34-year-old former national champion powerlifter, had an HDL of 12, while the other, a former world powerlifting champion in her weight class, had an HDL of 20. The average HDL level in women of that age group is about 60.

"Strength trained athletes do see results from using anabolic steroids," said Hurley. "All of the people I've studied say their muscles get bigger and they can lift more weight. That's apparently what motivates them to take these risks. There's no money in this type of sport for most of these athletes. If they're able to win or even place in a contest, then it's worth it to many of them to be at a high risk to heart disease."

Researchers seek children for study

Occupational therapists at the School of Medicine are conducting studies to improve services to which they can be referred, said Cindy Bonskowski, principal investigator. Bonskowski is clinical instructor in occupational therapy at the School of Medicine.

The study, funded by the American Occupational Foundation, involves two test sessions. There is a one-hour screening session to observe the child's performance of motor skills and a second, longer session consisting of tests that measure the child's sensory and motor abilities.

Parents interested in volunteering their children for the tests may contact Bonskowski or Angie Moore at the School of Medicine's Irene Walter Johnson Rehabilitation Institute (telephone 362-2570).

Walker elected to executive faculty

Willard B. Walker, M.D., has been elected a member of the Executive Faculty of the School of Medicine.

Walker was elected by the school's part-time faculty to serve on the council, which is the school's governing body. He succeeds Richard W. Bradley, M.D., and will represent the part-time faculty for the 1984-85 term.

Walker joined the School of Medicine faculty as an instructor in surgery in 1953, and was named associate professor of surgery in 1972. A 1946 graduate of WU's School of Medicine, he completed an internship and residency in general surgery at Barnes Hospital.

For 25 years Walker served as a surgical consultant and supervisor of surgery at Homer G. Phillips Hospital. He is now on staff at Barnes and Children's hospitals, sponsoring institutions of the WU Medical Center.

Walker is president of Gateway Vascular Society, and a member of the American College of Surgeons, American Medical Association, Missouri State Medical Society, St. Louis Metropolitan Medical Society and the Southern Medical Society.

ACS awards scholarship to cancer center RN

The American Cancer Society has granted its 1984 Cancer Nursing Scholarship to Mary Griffin, R.N., an oncology nurse clinician in the WU/Barnard Cancer Center.

The society cited Griffin, an oncology nurse at WU for five years, for her outstanding work and dedication.

Griffin graduated in 1979 from St. Louis University's School of Nursing with a bachelor's degree in science and nursing. She will begin studies soon at St. Louis University for a master's degree in medical surgical nursing, with an emphasis on oncology. She will continue working fulltime in the WU/Barnard Cancer Center while pursuing her master's.

"Receiving the full tuition scholarship from the American Cancer Society will certainly make it easier for me to return to graduate school," said Griffin. "I've always wanted to become a clinical nursing specialist in oncology, and receiving my master's will allow me to do so."
Experience of defense will help as soccer team faces difficult schedule

Depth and balance at both forward and midfield lines combined with a favorable mixture of newcomers and veterans appear to be the strengths of the 1984 WU soccer team.

"The depth of our forward line and our experienced defense should be our strongest points in 1984," said Carenza. "We'll have several players who can step in and play forward for us which will allow us to keep players rested and also protect if someone is injured."

Carenza also mentioned a weakness that will have to be improved if the Bears are to return to the NCAA playoffs after a two-year absence.

The goalkeeping situation is a question mark, however. A freshman from Florissant, who has injured a shoulder, was in goal during the 1983 season. A new goalie has not reported to practice yet. This leaves us with just one keeper, John Konsek, a junior from Neenah, Wisconsin."

Besides the goalkeeper problem, a major concern is how to replace the loss of Steve Huber, a two-year letterman who had a car accident in January took the life of Bears' defender Steve Snider, who would have been playing his final collegiate season at WU. Carenza said the Bears have had to make some adjustments due to the loss.

"We've had to move Tom Gogolek from a forward to a sweeper back to take the place of Steve, whose loss was tragic," Carenza said. "We will never replace an athlete with his type of leadership abilities."

The 1984 schedule is one of the most difficult that WU has faced in recent years. Four Division I schools, four Division II schools and eleven NAIA or Division III schools comprise the 1984 agenda. "It's a very balanced schedule and one that should be competitive for us," Carenza said.

Assisting Carenza on the sidelines will be Eric Delabar, former goalie for the University of Missouri-St. Louis, and Bill Dues, head coach at Maryville College for six years and previously an assistant coach for two years at WU. The Bears look to improve upon last year's 10-5-4 mark and will try to earn a berth in the 1984 NCAA playoffs. WU finished second, third, and fourth in the Division III Championships in 1978, 1979 and 1980, respectively.

Athletic facilities manager named

Philip H. Godfrey has been appointed athletic facilities manager for WU, announced John Schell, athletic director.

Godfrey will be responsible for the management of the new athletic and recreational complex, which is scheduled for completion by spring 1985. A native of Ottawa, Illinois, Godfrey joins WU after serving six months as a promotions and special events intern for the Chicago White Sox Baseball Club.

Godfrey received a B.S. in outdoor recreation from Southern Illinois University in Carbondale in 1982 and earned an M.A. in physical education from DePauw University in Greencastle, Indiana, in 1983. While at DePauw, he served as an administrative assistant to the director of athletics and supervised the day-to-day operations of a new $8 million athletic and recreational complex. Other responsibilities included coordinating travel for athletic teams, supervising staff and scheduling intercollegiate athletics.
Wednesday, Sept. 5
10 a.m.-2 p.m. Voter Registration Drive in Mallinckrodt Center. Sponsored by the St. Louis County Election Board and Student Union. Open to any faculty member, staff person or WU student. For more info., call 889-5009.

Saturday, Sept. 8
9-11 a.m. Personal Computing Education Center Short Course, "Using Interactive Computing with MUSC Faculty Student Orientation." Free to WU community. To register and for location, call 889-5815.

Monday, Sept. 10
Noon-2 p.m. Personal Computing Education Center Short Course, "150 Using Microcomputers." (Also Sept. 11-14, same times.) Free to WU community. To register and for location, call 889-5815.

1-3 p.m. University College Poetry Workshop with Jeffrey Friedman, WU instructor. Room 1, Duncker Hall. (Workshop will be held on Saturdays at the same time through Oct. 27.) Admission is $10. For more info., call 889-6802.

3 p.m. Women's Studies Program Colloquium, "Is Romance Dysfunctional?" Suzanna Rose, ass't prof. of psychology and women's studies at UMSL. Brown Lounge.

Wednesday, Sept. 5
4-6 p.m. Auditions for Symphonic Winds. Tietjens Hall. (Also Thurs., Sept. 6, same time, Tietjens.) To schedule an audition time, call 889-5581.

Saturday, Sept. 8
10:30 a.m.-noon. First Rehearsal of the Football Band. Tietjens Hall.

Thursday, Sept. 6
7 and 8:30 p.m. WU Filmboard Series, "Pootnik." F.S. Brown Hall.

Friday, Sept. 7
7 and 9:15 p.m. WU Filmboard Series, "Educating Rita." F.S. Brown Hall. (Also Sat., Sept. 8, 7 and 9:15 p.m., and Sun., Sept. 9, 7 p.m., Brown)

11:30 p.m. WU Filmboard Series, "Reefer Madness." F.S. Brown Hall. (Also Sat., Sept. 8, 11:30 p.m., and Sept. 9, 9:15 p.m.

Monday, Sept. 10
7-9:45 p.m. WU Filmboard Series, "Bringing Up Baby." F.S. Brown Hall. (Also Tues., Sept. 11, same time, Brown.

Wednesday, Sept. 12

Friday, Sept. 14

Saturday, Sept. 8
1:30 p.m. Soccer, WU vs. U. of Mo. Rolla, St. Louis Soccer Field.

Wednesday, Sept. 12
7 p.m. Soccer, WU vs. Greenville College. St. Louis Soccer Field.

Friday, Sept. 14
7 p.m. Soccer, WU vs. Cardinal Newman College. Francis Field.

Saturday, Sept. 15
10:30 a.m. Women's Tennis, WU vs. Quincy College. WU Tennis Courts.

Calendar Deadline
The deadline to submit items for the Sept. 27-Oct. 6 calendar of the Washington University Record is Sept. 13. 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. Address items to King McElroy, calendar editor, Box 1142.