Foundation's gifts total $6.5 million

The McDonnell Douglas Foundation has made and pledged gifts totaling $6.5 million to the ALLIANCE FOR WASHINGTON UNIVERSITY, a $500 million fund-raising campaign, Chancellor William H. Danforth has announced.

This total includes two grants previously announced for the McDonnell Center for the Space Sciences, $2,513,823 given in 1980 and $2.5 million announced earlier this year.

The foundation's support also includes $1 million donation to the School of Business and Public Administration; a $250,000 grant for the School of Engineering and Applied Sciences; annual gifts totaling $150,000; and participation in the matching gifts program, 186,177.

The McDonnell Center for the Space Sciences was established in 1974 by a gift from the McDonnell Douglas Foundation. These two latest gifts now bring the total McDonnell support of the space sciences at WU to $10.7 million.

Named for the late James S. McDonnell, aerospace pioneer and founder of the McDonnell Douglas Corporation, the center consists of 85 members who pursue fundamental studies of the earth, the solar system, and the universe.

Robert M. Walker, McDonnell Professor of Physics and director of the center, said the latest foundation gift would be used to support graduate fellowships and bring visiting scientists to the center for lectures and collaborative investigations.

The gifts to the Business and Engineering Schools will be used for capital purposes outlined in the ALLIANCE planning to strengthen these enterprises for the coming decades.

Danforth expressed gratitude for the foundation's magnificent commitment to the ALLIANCE FOR WASHINGTON UNIVERSITY. "The initiation and nurturing of the space sciences in the corporation and in the University has been both generous and visionary. As a result, St. Louis is now a world center for one of our era's most exciting adventures," he said.

The funds sought through the ALLIANCE include $2 million for endowment and facilities, and $100 million for annual operations and special program support. George Capps, a WU trustee, is chairman of the program.

Sanford N. McDonnell, chairman and chief executive officer of McDonnell Douglas Corporation, said the foundation regards WU as an important scientific, academic and cultural center located in the same community with the world headquarters of McDonnell Douglas Corporation.

"We share interests in aerospace, in engineering, in business and in health," he said.

SOFIE

Cosmic rays detector developed here provides first clear video images of stardust

She's built like a doghouse, has no hair and even less personality, but the WU scientists who created her know that SOFIE is a beauty.

SOFIE catches cosmic rays — highly energized atomic particles that come zipping into the earth's upper atmosphere from who knows where at nearly the speed of light. Scientists look to cosmic rays for clues to some of nature's best-kept secrets.

Data from WU's Scintillating Optical Fiber Isotope Experiment (SOFIE) will yield some long-awaited answers to the myriad of questions that remain about cosmic rays. Where do they come from? In what relative abundances do they occur? How were they accelerated to such terrific energies in the first place? What can we tell us about the formation of the elements, the stars, other galaxies?

Early detectors have consisted of high-altitude balloons carrying sheets of special film called nuclear emulsion. When a charged particle whizzed through the sheet, it left a microscopic track. Scientists examined these cosmic ray "footprints" one by one, gleaning clues about the nature of cosmic rays.

But there were many disadvantages. Nuclear emulsion experiments had to be retrieved before tedious, micron-by-micron analysis could begin. And resolution was far from ideal. "You could easily confuse one charge for a neighboring charge," recalls Joseph Klarmann, professor of physics. "So we had to settle for identifying ranges or groups of particles.

Electronic detectors were a big step forward. They used a sheet of plastic laced with a complex organic molecule or "scintillator." Atomic particles entering this special plastic lose some or all of their energy, causing the scintillator to flash. Because these light bursts were directly related to the ionization of the particle as it passes through the plastic, and because these measurements could be transmitted immediately to earth for computer analysis, scientists learned much more about the charges, energies and relative abundances of cosmic rays.

Since the particles could finally be characterized by element, scientists found that they were mostly hydrogen, with lesser amounts of helium, carbon, nitrogen, oxygen, silicon and iron.

But one thing that electronic detectors could not provide was an image, a graphic representation of the digital data. Until SOFIE.

A multi-stage electronic detector, SOFIE pushes the study of cosmic rays toward unprecedented specificity. Once SOFIE is put into active service, either on a high-altitude balloon or in earth orbit, scientists will be able to learn not just the identity of the element, but also its isotope — that is, the number of neutrons and protons in the nucleus of the particle. This means better characterization of the particles and enhanced understanding of their origins.

"It's important to have something visual — an image — in addition to a numerical measure," says Robert Bins, senior researcher at...
Holy Roman Repertory Company stages 'Life and Opinions of Casanova'

The Holy Roman Repertory Company (HRRC) will present "The Life and Opinions of Giacomo Casanova," at 8 p.m. Friday and Saturday, Nov. 2-3, and at 2 p.m. Nov. 3 in the Drama Studio, 208 Mallinckrodt Center. The program, presented as an ancient broadcast, is based on Giacomo Casanova de Seingalt's autobiography, titled "Historie de ma Vie," dated 1797.

Casanova's activities as a diplomat, historian, literary critic, gambler, social climber and philanderer will be explored through autobiographical excerpts, said Hollis Huston, co-director of the company and artist-in-residence in WU's drama division.

The concert also will feature music from the period of Casanova's life, including pieces known to have been performed in his presence.

Company members include Nicholas McGeen, co-director of HRRC and artist-in-residence in the University's music department, and professional actors and early music musicians from the St. Louis community.

"The Life and Opinions of Casanova" is part of a series produced by the HRRC and KWMU FM 91, the National Public Radio (NPR) affiliate at the University of Missouri-St. Louis. The concerts will be broadcast on KWMU in the spring and then offered as a series to NPR stations across the country.

Admission is $5 to evening performances and $3 to the matinee, with two-for-one discounts for students and KWMU "Studio Set" members. For more information, call 889-6543 or 889-5858.

The HRRC recently was admitted to the Arts and Education Council of Greater St. Louis. The series will be broadcast on KWMU in the spring and then offered as a series to NPR stations across the country.

Gargoyle adds class to Wednesdays

The word "gargoyle" is usually associated with the word "ugly." At least according to Webster's New World Dictionary. But not at WU. The Gargoyle in Mallinckrodt Center is changing its image. From here on out, the Gargoyle, which is open to the public, will be known as "chic.

The cozy atmosphere will still remain. But now the Gargoyle can boast of having a touch of class — especially on Wednesday nights.

"We're having Wednesday night coffee houses every other week," explained Jill Kolodner, a member of the Gargoyle Committee. "There'll be tablecloths, flowers at the tables, and candles. The waitresses and waiters are going to wear bow ties. Everything will be more formal.

Social reformist Michael Harrington previews next four years in America

Michael Harrington, writer, social reformer and professor of political science at Queens College, City University of New York, will deliver the Benjamin E. Youngdahl Lecture at 4 p.m. Thursday, Nov. 8 in Graham Chapel.

His lecture, titled "America: The Next Four Years," is free and open to the public and is sponsored by the University's George Warren Brown School of Social Work and Assembly Series.

Harrington began his career as a welfare worker in St. Louis. He was associate editor of the Catholic Worker during 1951-52 and the organization secretary of the Workers Defense League in 1953.

A former researcher and counsel for the Fund for the Republic, Harrington served as editor of New America from 1961 to 1962. A socialist, he has served as a delegate to the executive committee of the International Union of Socialist Youth in Berlin. He also was organizer of the 1960 March on the Conventions Movement and a delegate to Congress Socialist International in Amsterdam.

Harrington has served as chairman of the board for the League for Industrial Democracy and as a member of the national executive board of the Socialist Party. He was a paid consultant on the U.S. government's poverty plan and is a member of the board of the American Civil Liberties Union and the Workers Defense League.

Harrington's writings include "The Conservative Party, 1919-1970."
Carl Cori memorial service to be held in Cambridge

Chancellor William H. Danforth will speak at a memorial service Nov. 16 for Dr. Carl F. Cori at Harvard Memorial Church, Cambridge, Mass. Dr. Cori and his first wife, Dr.erry T. Cori, won the Nobel Prize for medicine while they were faculty members at WU in 1947. Dr. Carl Cori was born in Austria and graduated from the German University in Prague in 1920. He was an assistant professor of pharmacology at the University of Graz, Czechoslovakia, before coming to the United States in 1922. He joined the faculty of the University of Buffalo and did research in New York before joining the WU faculty as professor of pharmacology in 1931.

He became professor of biological chemistry and head of the department in 1947, the year of the Nobel award.

Survivors include his wife of 24 years, the former Ann Fitzgerald Jones, of Cambridge, a son, Thomas C. Cori, president and chief operating officer of Sigma-Aldrich Corp. in St. Louis, and two granddaughters, Gerty Elizabeth, of Boston, and Eliot, a student at Vassar College.

Carl F. Cori

Challenges of teaching theme of talk

Cynthia Parsons, former education editor of The Christian Science Monitor, will speak on “The Challenges of Teaching as a Career” at 2:30 p.m. Thursday, Nov. 8, in 217 McMillan.


She also has served as guest columnist for Australia’s Independent Woman’s Club and has written a syndicated column, “Parsons’ Place,” from 1971 to 1973. She has been guest editor of the University of Vermont (UVM) Record and Vermont Magazine.

In the last few years, Parsons has been a visiting instructor at Geelong College in Australia, Dartmouth College and the University of Vermont, and has worked as a curriculum consultant for Robert College in Turkey.

Woman’s Club holds slide show, square dance

A slide presentation highlighting the past and future of Union Station will be presented by Gay Williams, public relations director for Rouse Company in St. Louis, at the WU Woman’s Club’s Newcomers Special Event.

The event will be held at 7:30 p.m. Thursday, Nov. 8, at 551 Warren Ave. in St. Louis. Dessert and coffee will be served following the slide show.

For reservations, call Jan Kardon at 863-0523 or Sally Jerina at 725-4949.

The WU Record

Address changes and corrections:

For more information, call Mary Edwards at 961-0562.

Teams gear up for College Bowl

The recent surge in games of trivia added to the increased popularity of College Bowl on campuses, including WU, says Greg Giesen, coordinator of student activities and coach of the WU College Bowl.

The return to televised national tournaments last year on NBC also has helped to renew interest, he said.

Last May, WU’s College Bowl team placed second in national competition, losing only to the University of Minnesota.

On Wednesday, Nov. 7, at 7 p.m., WU will celebrate ‘College Bowl Night’ at the Unrathskeller in Unrath Hall. The evening will begin with an awards ceremony for last year’s team, including the presentation of Olympic-style medals, College Bowl rings, and $5,000 to the WU scholarship fund — all from College Bowl — and a set of science and technology encyclopedias from McGraw-Hill.

At 8 p.m., Giesen will hold a captain’s meeting to review rules and regulations for this year’s tournament, which begins Nov. 10 on campus. WU teams will compete on Nov. 10 and 11 in Mallinckrodt Center’s AV Room and Lambert Lounge. The semifinals will begin at 7 p.m. Nov. 12 in the Carson Room, WU Medical Center. The finals will follow immediately.

Last year, 39 teams of five players each competed on campus. The winning team will advance to regional competition against other colleges and universities.

Auditions set for two PAA plays

Auditions for two plays to be presented by WU’s Performing Arts Area (PAA) will be held by appointment only from 7 to 11 p.m. Tuesday and Wednesday, Nov. 6-7, in the Mallinckrodt Center. The plays are “Blues for Mister Charlie,” written by James Baldwin, and “Come Back to the Five and Dime, Jimmy Dean, Jimmy Dean,” written by Ed Graczyk.

Auditions for “Blues for Mister Charlie” will be held in Edison Theater. WU students must schedule audition time on the bulletin board outside of Room 315 in Mallinckrodt Center. The play includes speaking roles for 25 persons. Three black females and three black male dancers also are needed.

The production, to be directed by Rhomie Washington, WU assistant professor of drama and black studies, will feature guest artist Ron Himes, director of the Black Repertory Company. The Edison production dates are Feb. 8-9 and 15-16. The play will be restaged at the Black Repertory Company’s theater, 2240 St. Louis Ave., Fridays through Sunday, March 1-24. Rehearsals will begin on Nov. 11.

Auditions for “Come Back to the Five and Dime…” will be held in two locations. On Nov. 6, auditions will take place in Lambert Lounge, Room 303-304. On Nov. 7, auditions will be held in the Carson Room, Room 313. WU students must sign up on the bulletin board outside of Room 315 in Mallinckrodt Center.

For more information, call the PAA at 889-5858.
Computer imaging
Unravelling stone-age mysteries

In a novel application of computer graphics and medical imaging, two School of Medicine researchers have developed a new technology for studying stone-encrusted, stone-filled fossils. The technique provides anthropologists the opportunity — through computer graphics — to remove obstructing stone from fossils too valuable to be sawed, chiseled or drilled.

Their work, described in detail in the cover-report of the Oct. 26 issue of Science, could have enormous impact on paleontology and the study of evolution because it enables scientists to wrestle new tell-tale information from prized fossil specimens.

Glenn Conroy, professor of anatomy and neurobiology, combined talents with Michael Vannier, assistant professor of radiology, to develop the new technique. After hearing of Vannier’s success in recreating simulated 3-D image and then, for example, selectively remove the brain tissue to look at the interior of the skull. It occurred to me that he might also be able to CAT scan a fossil skull and selectively remove the stone from the image, or lay the skull image open like a walnut shell so I could see inside. I was fascinated by the potential.

Reflecting back almost two years to their first meetings, Vannier says, “Glenn came in with an interesting problem. Anthropologists expend enormous energy cleaning up fossils so they can get a look at the surfaces of a skull. And, without actually breaking or cutting the specimen apart, they had no way to look at the intracranial morphology of a skull filled with rock.”

While the problems seemed soluble to Conroy and Vannier, there were intriguing technical challenges associated with CAT scanning fossils. Fossil imaging differs from imaging patients in two important respects, according to Vannier. “First, the fossils are not covered with flesh. The CAT scanner doesn’t ‘like’ that because it has been optimized to scan people, not rocks. Second, the fossilized bone, because it has absorbed so many minerals, is three times more dense than the densest living bone.”

In preliminary experiments that tackled the challenges one at a time, Conroy and Vannier worked evenings and weekends — whenever the CAT scanner was dormant — imaging everything from extinct gorilla and human skulls to a variety of rock samples graciously lent to them by Professor Harold Levin, dean of Earth and Planetary Sciences. After manipulating the scanner’s controls and applying what Vannier calls “several tricks and shortcuts” learned by processing more than 600 patient-scans, they began to get encouraging results. Conroy soon decided that the pilot studies were yielding impressive images and looked for the opportunity to try the computer program on more interesting specimens.

He contacted the American Museum of Natural History in New York and asked to have a challenging fossil skull on which he and Vannier could try the new technique. Courteously, the museum, Conroy received several 30 million-year-old fossilized mammal skulls. One of the skulls, originally found in Wyoming’s Hat Creek Basin, had a clean surface that was filled with fine- to medium-grained sandstone. Morphological relationships among the braincase, jaws, orbits and spinal cord were completely obscured from view by the rock matrix that filled the skull. “Nothing of the interior was visible,” says Conroy.

“In our trial scans,” explains Vannier, “we found that immersing the skull in water during scanning could imitate the presence of flesh, and that increasing the X-ray dosage could guarantee suppression of the dense fossil rock.”

As evidenced by the stunning images on the cover of Science magazine and by the comments Conroy has received from anthropologists in the field, the technique has worked beautifully on the mammal fossils.

“The response has been gratifying,” says Conroy. “There’s every reason to believe this could be a powerful new tool for physical anthropologists and paleontologists.”

Virginia V. Weldon named chairman-elect of AAMC assembly

Virginia V. Weldon, M.D., deputy vice chancellor of WU School of Medicine, has been named chairman-elect of the assembly of the Association of American Medical Colleges (AAMC).

Her election to the post, announced Oct. 30 during the annual meeting in Chicago, marks the first time in the AAMC’s 108-year history that a woman has been chosen to lead the association. Weldon will serve as chairman beginning in the fall of 1985.

The AAMC represents the entire community of academic medicine, including 127 medical schools, 430 teaching hospitals and over 70 biomedical societies, with over 100,000 members from throughout the United States. The Washington, D.C.-based association is a leader in developing programs to advance medical education, biomedical research and health services in the United States.

Weldon has been a representative to the AAMC’s Council of Academic Societies since 1976, serving in 1984 as the council’s chairman-elect. She is recognized nationally as a spokesperson on issues in medical education, biomedical research, and legislation affecting health care, especially its costs. A specialist in pediatric endocrinology, she is well known for her studies of mechanisms of abnormal growth in childhood.

Weldon is vice president of the WU Medical Center and provost of pediatrics at the School of Medicine. She also is on staff at Barnes and Children’s hospitals, sponsoring institutions of the WU Medical Center. She came to the University in 1968 as an instructor, and was named professor of pediatrics in 1979.

She earned her doctor of medicine degree from the University of Buffalo School of Medicine and her bachelor’s degree from Smith College. Weldon was an intern and resident in pediatrics at The Johns Hopkins Hospital in Baltimore, and later held a fellowship and instructorship at Johns Hopkins Medical School.

Her professional memberships include the Institute of Medicine of the National Academy of Science, Endocrine Society, and the Society for Pediatric Research. She is a fellow of the American Association for the Advancement of Science.

Ronald McDonald House seeks volunteers

The St. Louis Ronald McDonald House is looking for volunteers to help with a variety of activities. The Ronald McDonald House — located at 4581 West Pine near the WU Medical Center — is an inexpensive, comfortable and supportive home-away-from-home for children with cancer and other serious illnesses. It provides temporary lodging and care for these children, and their families, while the children receive treatment at either Children’s Hospital, Cardinal Glennon Memorial Hospital or other area hospitals. The St. Louis house is just one of 30 such houses operating across the country.

Volunteers are needed to interact with children and their families, help with new families, handle secretarial and managerial tasks for the home, and assist with fundraising. Interested volunteers may call Robert Frein, executive director of the Ronald McDonald House, at 531-6601.
Child guidance center moves to new Children's Hospital

Two separate services at WU School of Medicine have combined operations to create the Child Guidance Center, located in Children's Hospital at 400 S. Kingshighway Blvd.

The new center was formed when the Child Guidance Clinic, moved to Children's Hospital and expanded its program by joining with the outpatient psychiatry service, already in existence at the hospital. The clinic had been located at 569 N. Taylor Ave.

"Geographically, our new location in Children's Hospital enables the Child Guidance Center to be a more cohesive part of the WU Medical Center," said Lee Judy, executive director. "It was only logical to move to this location since we're continuing to provide the community with a comprehensive diagnostic psychiatric service and now are able to work with other medical disciplines as needed." Children's Hospital is a sponsoring institution of the WU Medical Center.

The clinic's move has also made it more accessible to the inpatient psychiatric service at Children's Hospital. Judy remarked. Patients are easily referred to the inpatient unit, and upon discharge are often referred to the guidance center for follow-up treatment.

The Child Guidance Center specializes in treating children from infancy through 18 years of age for developmental and behavioral problems, hyperactivity, sexual abuse, depression and other emotional disorders.

The center—which opened in 1947—uses a multidisciplinary approach that combines psychiatry, psychology and social work services. In evaluating patients and making recommendations, the center's staff members work closely with children and their families. Clients can choose from several different treatment programs, often combining them or moving from one program to another as their needs change.

Clinic staff members also serve as consultants to schools, day-care centers, courts, hospitals, pre-school programs and other agencies that address the problems of children and parents. Judy said that 75% of the center's referrals are from professional sources.

According to Judy, the first step in an evaluation is to call for an appointment for the parents and child to spend three hours with a center team, which gathers information that is later presented to the entire staff. The center's conclusions and recommendations are discussed with the family during that initial visit.

In addition to its regular evaluation program, the center has a special sex abuse/incest treatment unit. Beth Sires, Ph.D., directs the unit, which offers confidential treatment to victims, offenders, spouses and family members. The unit's group and family therapy lasts for an average of 12 weeks. The goal of the program is to protect children from further abuse and help them deal with any difficulties brought on by the abuse, and to help adults adapt to the discovery and then develop appropriate skills to protect their children from further abuse.

The Child Guidance Center's fees are based on a sliding scale. Judy noted that although 25% of the center's patients come from families with incomes of $30,000, 50% pay $2 an hour or less.

Haruo Kusama, M.D., is medical director of the center, and staff members represent the fields of psychiatry, psychology and social work. Consultants to the center are Felton Ears, M.D., director and Blanche F. Ittelson Professor of the William Greenleaf Eliot Division of Child Psychiatry at WU; and Zilla Welner, M.D., assistant professor of child psychiatry and medical director of the inpatient psychiatric unit at Children's Hospital.

For further information, call the Child Guidance Center at 454-6201.

Mallinckrodt radiologists awarded fellowships from medical society

Two physicians at WU's Mallinckrodt Institute of Radiology — G. Ieland Melson, professor of radiology and chief of clinical ultrasound, and William A. Murphy, professor of radiology, co-chief of the musculoskeletal section, and co-chairman of the magnetic resonance imaging — were named 1984 Fellows of the American College of Radiology (ACR) at the college's 61st annual meeting, Sept. 17-20, in Los Angeles.

The ACR is a professional medical society representing 18,000 physicians specializing in radiology. Each year, the college awards fellowships to distinguished members in recognition of scientific accomplishment in radiology, performance of outstanding service in teaching, and accepted leadership in areas of radiologic specialty.

Since joining the faculty of Mallinckrodt Institute in 1972, Melson has published 40 articles and eight book chapters. Much of this research concerns the use of ultrasonography in the study of tissue and diagnosis of disease. He serves as an editorial consultant for the American Journal of Roentgenology, Radiology, Investigative Radiology, and the Journal of Clinical Ultrasound.

Melson completed his medical degree at WU's School of Medicine. He was elected to the Alpha Omega Alpha honorary and was a recipient of Missouri State Medical Association and WU School of Medicine Alumni Awards. After completing a medical internship and residency at Peter Bent Brigham Hospital in Boston, he received a two-year appointment as a clinical associate of the National Institute of Arthritis and Metabolic Diseases. His residency at Mallinckrodt Institute was in diagnostic radiology.

Murphy is recognized for his contributions to musculoskeletal and vascular radiology. As co-chairman of the Mallinckrodt committee which organizes research and clinical projects in magnetic resonance imaging (MRI), he has helped to coordinate 2,000 patient investigative studies to determine MRI capabilities and diagnostic potential. He currently is participating in a three-year study, funded by a grant from the National Institutes of Health, evaluating the use of MRI in the detection of breast cancer.

Murphy received his medical degree from Pennsylvania State University and obtained his house staff training at Barnes Hospital and the Mallinckrodt Institute of Radiology. On staff at Barnes and Children's Hospitals since 1975, he is the author of nearly 100 journal articles and 15 book chapters. He serves frequently as a visiting professor and guest lecturer for radiology conferences and is currently a member of the ACR Committee on Clinical Applications, Commission of Nuclear Magnetic Resonance, and the Osteoarthritis Criteria Subcommittee of the American Rheumatism Association. He is a member of the editorial boards of Radiology, Arthritis and Rheumatism, and the Journal of Health Care Technology, and is an editorial consultant for the Journal of Computer Assisted Tomography.
On the run. The WU corporate running team took third place out of 109 teams in the second annual Xerox Corporate Marathon Relay held Oct. 7. Their time was two hours, 38 minutes for 26.2 miles. Eight of the team runners are affiliated with the School of Medicine. The team, back row from left: Scot Hickman, M.D., assistant professor of medicine; Aaron Shatzman, assistant dean in the School of Business and missing is Paul Roesti, research program analyst at the School of Medicine.

Skin disease center receives donation

A Pennsylvania trust fund has donated $25,000 to the School of Medicine to support its center for victims of epidermolysis bullosa (EB), the "thin skin disease.

The gift is from the Jamie Hoke Living Trust Fund, started in 1982 by Southcentral Pennsylvania residents in honor of Jamie Hoke, an eight-year-old Pennsylvania boy who is a victim of the rare genetic skin disease.

EB causes blistering, scarring and destruction of the skin and mucous membranes of the gastrointestinal, urinary and respiratory tracts. There is very little treatment and no known cure for the disease. Fourteen varieties of EB threaten the lives of 25,000 to 50,000 patients, mostly children, in the United States alone.

In 1983, The Dystrophic Epidermolysis Bullosa Research Association gave $25,000 to WU to found one of the first national centers for research and treatment of EB. The center is directed by Eugene Bauer, M.D., professor of dermatology at the School of Medicine and a physician at Barnes Children's and Jewish hospitals, sponsoring institutions of the WU Medical Center.

Scientists at the center are trying to determine the cause of various forms of EB. In limited research, they have been able to distinguish several specific forms of EB by performing biochemical tests on patient tissue.

Those dermatologic studies, though not yet available for widespread clinical use, may one day lead to a cure or to effective therapies for EB patients.

In addition to providing support to the WU EB Center, the Jamie Hoke Living Trust Fund recently presented $60,000 to Children's Hospital of Philadelphia to create its Pediatric Center for Genetic Diseases, which also will be devoted to EB treatment and research.

More information is available through the EB center at Box 8123, WU School of Medicine, 660 S. Euclid Ave., St. Louis, MO 63110 (362-2643).

Hypertension research continues

People with high blood pressure are needed for research on a new anti-hypertensive medicine being conducted at WU School of Medicine.

The ongoing study is being conducted at the Lipid Research Center, part of the Department of Preventive Medicine at the University. Study participants must be between the ages of 18 and 75, and have no other significant illnesses. People already taking medication for high blood pressure can be accepted if their private physicians agree to stop medication for three to four months.

For more information, contact the Lipid Research Center from 8 a.m.-5:30 p.m. weekdays (telephone 362-3500).

Alzheimer project needs elderly

Elderly volunteers are needed for a St. Louis study that may help scientists better understand normal aging as they learn more about the effects of Alzheimer's disease on the brain.

The study is being conducted by the Memory and Aging Project at WU's School of Medicine. The Memory and Aging Project was funded earlier this year for a five-year study comparing healthy aging and Alzheimer's disease, the most common cause of severe intellectual impairment and institutionalization among the elderly.

The research program is directed by Leonard Berg, M.D., professor of clinical neurology at the School of Medicine and staff physician at Barnes Children's and Jewish hospitals.

For its current studies, the Memory and Aging Project is recruiting elderly volunteers, both with and without intellectual impairment, who are 65 to 84 years old and in good general health. Studies include a clinical examination by a physician-scientist, psychometric tests of memory and other thinking functions, brain wave tests and a special CT scan of the head. Also, researchers will assess participants' abilities in daily living activities, as well as stress levels of family members. Some participants will be selected for positron emission tomography (PET) scanning of the brain. All of the studies will be conducted at no charge.

For more information, elderly volunteers, their relatives or physicians may call the Memory and Aging Project office at 362-2683.

Vanpool begins High Ridge service

A new vanpool is being formed from the High Ridge, Mo., area. Its route will follow Highway #50; exact pick-up points have not been established. Interested riders should call Laura Griffin, coordinator driver at 362-3580. Listed below are areas currently served by vanpools. Further information on any of the established vanpools, including cost, availability or for information regarding starting a new vanpool in your area, call Carole Moser, transportation office, 362-6824.

Affton
Ballwin
Berkeley
Florence
North Florissant
North County (Central City)

North St. Louis City
St. Charles
South St. Louis City
South County
University City
Washington

Heartbeats. William Houck, M.D., chief resident in obstetrics and gynecology, and Jane White, Medasonics Company area manager, demonstrate the use of an ultrasound stethoscope by listening to an artery in the wrist. Medasonics donated the pocket-size stethoscope to the Department of Obstetrics and Gynecology for clinical use. Clinically, the stethoscope can detect fetal heartbeats as early as nine weeks, and is particularly useful in confirming the presence of a live fetus when maternal obesity prevents hearing the fetal heartbeat with a conventional stethoscope.

A new vanpool is being formed from the High Ridge, Mo., area. Its route will follow Highway #50; exact pick-up points have not been established. Interested riders should call Laura Griffin, coordinator driver at 362-3580. Listed below are areas currently served by vanpools. Further information on any of the established vanpools, including cost, availability or for information regarding starting a new vanpool in your area, call Carole Moser, transportation office, 362-6824.

Affton
Ballwin
Berkeley
Florence
North Florissant
North County (Central City)

North St. Louis City
St. Charles
South St. Louis City
South County
University City
Washington
Maryann De Julio, assistant professor of French, participated in the National Endowment for the Humanities Seminar titled Literature and Painting at the University of Pennsylvania. The seminar examined the relationship between painting and literature with special emphasis on four modernist movements: Cubism, the idea of converting form from imagism through concrete poetry, the semantic disruptions of non-sense and surrealism, and the contradictory concept of abstraction.

Roger L. DesRosiers, dean of the School of Fine Arts, coordinated a calendar for Hallmark Cards Inc., which "celebrates 16 of today's most accomplished artist-educators." The publication, which will be available in about a month, includes James McCarrell, a professor of "Hallmark, on the occasion of its 75th anniversary, has chosen to salut[e] the creative commitment represented by these 16 outstanding artists," DesRosiers writes in the acknowledgments. "It is a beautiful concept and, reproduced in this form, one that can be shared with all Americans.

C. William Emory, associate dean and director of the Executive MBA Program, will address the American Society of Women Accountants (ASWA) at their 25th Annual Public Relations Dinner, held at the WU Club. Emory will speak on "Creative Decision Making."

William D. Owens has been elected to the board of directors of the American Board of Anesthesiology. Owens was named director of the board of the WU's McDonnell Center for the Development and Function of the Receptor in Androstenedione Via Dual Activity at its Active Site. The article was co-authored by Peter Hall, senior scientist at the Worcester Foundation for Experimental Biology in Shrewsbury, Mass. and with John E. Shively, director of Immunocommunity, division of immunology, City of Hope Research Institute, Duarte, Calif.

J. Regan Thomas, assistant professor of otologygogy at the School of Medicine, has been elected to posts with two national medical associations. Thomas has been named a member of the board of directors and education chairman of the American Academy of Facial Plastic and Reconstructive Surgery. In addition, he has been appointed to the American Medical Association's Committee of the Young Physician — a new seven-member committee that will answer the needs of physicians under age 40.

Memorial service held for student

A memorial service at Graham Chapel was held Monday for Joy Ezra, a WU graduate student in the English department. Ezra was killed Oct. 18 in a hit-and-run accident.

University City police are still looking for a driver of a automobile that hit and killed Ezra, 33, a native of Israel, who resided in University City. The accident occurred Oct. 18 in University City. The young woman was hit by a car while attempting to cross Millbrook Boulevard at its intersection with University City. The traffic on Millbrook was wearing dark clothing and it was raining. The traffic lights on Millbrook were flashing yellow at the time.

"We had what we thought were some pretty good leads in the case," said Major Stanley Topper of the University City police force. "Unfortunately, none of them panned out. At this point, we have nothing to go on."

In a case like this, if there were more than one person in the car (that hit Ezra), you have to hope that someone's conscience will take over and they will come forward.

Topper attributes the lack of witnesses to, in the defendant's case, being out during bad weather conditions and late at night. He urges anyone having any information to call the University City Police at 725-2221.

"No matter how unimportant they think the information is, even a rumor, they should report it. If they thought they saw something, but really aren't sure, they should report it. Anything at all."
Friday, Nov. 2

Friday, Nov. 2
7:30 p.m. Inter-Varsity Christian Fellowship Meeting. "Testimony and Song." Green Stalls Floor, Wolf Center.

Saturday, Nov. 3
9 a.m.-5 p.m. University College Workshop, "Meeting the Challenge of Change," William North, executive director, Care and Counseling Service. 50 Delmar Hall. Cost is $25, including lunch. For more info., call 889-6743.

Monday, Nov. 5
11 a.m. Personal Computing Education Center Short Course, "W3.'1 Introduction to Computing Facilities," Karen Sanders, WU computer specialist. For more info., call 889-5813. Free to WU community.

Monday, Nov. 5
Noon. Personal Computing Education Center Short Course, "W3,'1 Using Microcomputers," Pat Taylor, associate at the Center for the Study of Data Processing (Also Nov. 6-9, same time and place. For more info., call 889-5813. Free to WU community.

Wednesday, Nov. 7
7:30-11 p.m. WU: Go Club Meeting. Third fl. Student Union. Sponsored by the Student Union Board.

Friday, Nov. 9
Noon-1 p.m. Student Educational Service Workshop, "Memory Strategies." 312 Women's Bldg.

Friday, Nov. 9

Saturday, Nov. 10
9 a.m.-5 p.m. Intramural College Bowl and World Series, Co-sponsored by the Office of Student Affairs and Student Union. Mallinckrodt Center. (Also Sun., Nov. 11, same time, and Mon., Nov. 12, 7:30 p.m.)

TACTEQUES

Thursday, Nov. 1

Friday, Nov. 2
3:30 p.m. Dept. of History Lecture, "The Decline Years, 1840-1847; A New Look at Political History," Edward H. Pinkney, prof. of history. Of Washington University. 131 Busch.

Friday, Nov. 2
4 p.m. Undergraduate History Association Lecture Series, "The Archaeology of Legal History," David T. Kowig, prof. of history. Also sponsored by Student Union. Gerhardt Reading Room, Busch Hall.

Friday, Nov. 2

Friday, Nov. 2

Friday, Nov. 2
6-8:30 p.m. WU Association Travel Lecture Series, "Hotel Burgers in Europe," Kenard Lawrence, Elfinemaker. Graham Chapel. For more info., call 889-5122.

Friday, Nov. 9
7:30 p.m. Hillel Graduate Program and Discussion, "Jewish humor: What Makes It Jew?" Pollack, as chairman of the WU Dept. of Computer Science. Hillel House, 6300 Forest.

Saturday, Nov. 4
2 p.m. Dept. of Art and Archaeology Slide Lecture, "Excavations at Ittika, 1984." Secretariat, Washington University. WU assoc. of art and archaeology. Steinberg Aud.

Sunday, Nov. 5

Monday, Nov. 5

Monday, Nov. 5
4 p.m. Dept. of Physics Colloquium, "Radiative Cooling of Rydberg Atoms." Jacob Levbath, prof. of physics, UM 204 Crow.

Monday, Nov. 5

Monday, Nov. 5
8 p.m. The Writers' Colloquium with John Lobel, visiting Hare professor. Hurst Lounge.

Thursday, Nov. 8

Friday, Nov. 9
8:30 p.m. Hillel Program and Discussion, "Unsolved Story of the Fact Between the Third Reich and Jewish Palestine," Ed Black, author of The Transfer Agreement. Hillel House, 6300 Forest.

Friday, Nov. 9
8:30 p.m. Edison Theatre Presents "Music from Paradise: The Balinese Gamelan." The production features the University of Northern Illinois Gamelan. General admission is $5; WU faculty, staff and other students, $4: WU students, $3. For more info., call the Edison Theatre box office at 889-6543.

Saturday, Nov. 3
8 p.m. Edison Theatre Presents "The Os-Koklonen: the Bhudda Dance." General admission is $8: WU faculty, staff and other students, $5; WU students, $4. For more info., call the Edison Theatre box office at 889-6543.

Friday, Nov. 9
8 p.m. Elmwood Theatre Presents "Dimitri the Clown." General admission is $5; WU faculty, staff and other students, $4; WU students, $3. For more info., call the Elmwood Theatre box office at 889-6543.

Friday, Nov. 9
8 p.m. Elmwood Theatre Presents "Terms of Endearment." 312 Brown Hall. (Also Thurs., Nov. 8, same time.

Saturday, Nov. 3

Friday, Nov. 2

Monday, Nov. 5

Monday, Nov. 5
4 p.m. Dept. of Physics Colloquium, "Radiative Cooling of Rydberg Atoms." Jacob Levbath, prof. of physics, UM 204 Crow.

Saturday, Nov. 3

Friday, Nov. 9
8 p.m. Elmwood Theatre Presents "Fanny and Alexander." 312 Brown Hall. (Also Sat., Nov. 10, and Sun., Nov. 11, same time. Brown.)

Saturday, Nov. 3
11:30-5 p.m. WU Filmboard Series, "Willy Wonka & the Chocolate Factory." 31:50 Brown Hall (Also Sat., Nov. 10, at midnight, and Sun., Nov. 11, at 2 p.m.)

MUSIC

Thursday, Nov. 1
10:30-5 p.m. Hockey, WU vs. St. Louis University. Affton Rink.

Saturday, Nov. 3
11:15 a.m. Hockey, WU vs. UMSL. Creve Coeur Rink.

Friday, Nov. 9
7:30-11:30 p.m. Hockey, WU vs. UMSL. Creve Coeur Rink.

Friday, Nov. 9
7:30 p.m. Men and Women's Swimming, WU vs. Millikan U. St. Louis Community College at Forest Park.

Saturday, Nov. 10
7:30 p.m. Men and Women's Swimming, WU vs. St. Louis Community College at Forest Park.

Calendar Deadline

The deadline to submit items for the Nov. 29-Dec. 8 calendar of the Washington University Student Record is Nov. 8. Items must be typed and state, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name, title, and identification and the information about the event, also include your name and telephone number. Add 50 cents to King McIlroy, calendar editor, box number 11142.