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The Freund Endowment Fund, which is to be divided equally between the two institutions, will support the exhibition and acquisition of contemporary art by the Saint Louis Art Museum, and will support teaching of the principles of contemporary art at the WU School of Fine Arts.

James D. Burke, director of the Art Museum, and Roger DesRosiers, dean of WU's School of Fine Arts, said that the fund will promote a mutual beneficial long-term dialogue between the Art Museum and Roger DesRosiers, dean of WU's School of Fine Arts, said that the fund will promote a mutually beneficial long-term dialogue between the Art Museum and the School of Fine Arts.

The Saint Louis Art Museum will use the Freund Endowment Fund to acquire works for the permanent collection by artists who are included in contemporary art exhibitions (such as the museum's CURRENTS series) that are supported by the fund. The Art Museum will choose the exhibitions in consultation with the dean of the School of Fine Arts and with representatives of the Freund Charitable Trust.

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The Art Museum has named Natalie Edison Freund a life member of its Beaux Arts Council and a major benefactor of the museum, Burke said. "We are deeply grateful to Mrs. Freund for providing both the vision and the vehicle for realizing such ambitious goals," Burke said.

The WU School of Fine Arts will use the fund to appoint the artist selected for a contemporary art exhibition at the Art Museum as a Freund Visiting Professor. The appointment could be for a semester, for a series of workshops or for another appropriate position at the School of Fine Arts.

Biologist Hamburger honored for 50 years of service

The WU community recently paid tribute to Viktor Hamburger, Ph.D., Edward Mallinckrodt Distinguished Service Professor Emeritus of Biology, whose career at the University spans more than 50 years.

"Viktor Hamburger's work at Washington University laid the foundation for today's flourishing research on the development and maintenance of the nervous system," said Chancellor William H. Danforth. "We are privileged to have such eminent scientists as his research associates and colleagues who have won him a place among the giants of science.

At a May 20 dinner in Hamburger's honor, which was hosted by Chancellor and Mrs. William H. Danforth, poet Mona Van Duyn charmed the audience with a short talk about her friend of 36 years. "I always feel something essential is missing when I hear tributes to his scientific greatness," Van Duyn told the audience, "and that something is his extraordinary stature as a man, as a human being. Under the microscope of whatever gods may be, I am perfectly sure that Viktor Hamburger is thought of as a prize specimen."

On May 21 the Department of Biology sponsored a symposium titled "Neural Development" in which 11 of Hamburger's former students, research associates and colleagues presented papers. David L. Kirk, Ph.D., professor of biology, coordinated the event.

W. Maxwell Cowan, M.D., Ph.D., Hamburger's longtime friend and associate, chaired the symposium. Cowan has been appointed provost and executive vice chancellor for the University effective in August. In 1981, Cowan edited a book of essays on developmental neurobiology in Hamburger's honor. Cowan, vice president of The Salk Institute for Biological Studies in La Jolla, Calif., previously served as director of WU's Division of Biology and Biomedical Sciences and as head of the University's Department of Anatomy and Neurobiology.

Also in attendance at the events were :

William H. Daughaday
Philip W. Majerus

Two researchers elected to national science academy

Two researchers from the WU School of Medicine have been elected to the National Academy of Sciences.

William H. Daughaday, M.D., Irene and Michael Karl Professor of Endocrinology and Metabolism, and Philip W. Majerus, M.D., professor of medicine and biological chemistry, are among 59 new members honored for their distinguished and continuing achievements in original research. The election to the academy, which now has 1,477 members, is highly prized within the scientific community. Chartered by an act of Congress signed by President Lincoln in 1863, the society promotes research beneficial to human welfare and officially advises the federal government on science and technology.

Daughaday, an internationally acclaimed endocrinologist, was elected in recognition of his research on basic hormonal action, specifically that of growth hormone and plasma steroid levels. He discovered that the action of growth hormone in stimulating growth is mediated by a plasma factor called somatomedin, and developed methods for measuring very small amounts of somatomedin in plasma as an index of growth hormone activity. These methods proved useful in diagnosing disorders of human growth, such as dwarfism and acromegaly, and thus created a new branch of endocrinology.

Daughaday, also known for his research on pituitary and adrenal function and diabetes mellitus, has been on the WU faculty since 1947 and directed the metabolism division from 1951 through 1986. In addition to being Karl Professor, he is director of the Diabetes Research and Training Center at the School of Medicine. He is on staff at Barnes and Jewish hospitals, sponsoring institutions of the WU Medical Center. He graduated from Harvard Medical School in 1945, and served his internship at Boston City Hospital in Massachusetts.

Majerus was elected to the National Academy of Sciences in recognition of 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.

Continued on p. 4
Freund endowment—

WU's share of the commitment will be a part of the ALLIANCE FOR WASHINGTON UNIVERSITY, a $300 million fund-raising campaign announced in 1985.

"Washington University is eager to rise to the challenge of this generous commitment from the Freund Charitable Trust," said DesRosiers. "It will bind the School of Fine Arts and the Art Museum more closely together for the benefit of the St. Louis community."

Mrs. Natalie Freund currently is a life member of the William Greenleaf Eliot Society at the University. The Saint Louis Art Museum was born of WU's combined art school and museum founded in 1879 as the Saint Louis School and Museum of Fine Arts, which combined preservation and display of works of art with the teaching of painting and sculpture.

When the Art Museum moved to its present building in 1909, it was separated from the University. For the past 80 years, both the Art Museum and the School of Fine Arts have been independent entities.

Hamburger honored—

Hamburgers honored was Johannes Holtfreter and Hamburger. Holtfreter and Hamburger were graduate students in the same laboratory more than 60 years ago and have maintained a close friendship ever since they emigrated from Hitler's Germany to this country in the 1930s.

Throughout his career, Hamburger has received numerous honors and awards. In 1940, he received the prestigious Horwitz Prize for research in biology and biochemistry from Columbia University. More than half of the scientists who have won the Horwitz Prize have subsequently won a Nobel Prize. Hamburger won the Horwitz Prize with Rita Levi-Montalcini, M.D., WU professor emeritus of biology, and Stanley Cohen, a professor of biochemistry at Vanderbilt University in Nashville, Tenn., who was on the WU zoology faculty in the 1950s.

Last year, Hamburger and Levi-Montalcini were awarded the Ralph W. Gerard Prize from the Society for Neuroscience at the group's annual meeting in Dallas. The prize recognizes scientists who have made outstanding contributions in neuroscience research over a prolonged period of time.

In the late 1940s and early 1950s, Hamburger, Levi-Montalcini and Cohen discovered and studied the "nerve-growth factor," a protein essential to growth and survival of nerve cells. Hamburger and Levi-Montalcini used these discoveries to show how nerve fibers make precise connections through chemical signals over long distances between cells they serve.

Hamburger started his career at WU as an assistant professor of zoology. He was named associate professor in 1959 and professor in 1941. He was appointed Edward Mallinckrodt Distinguished Service Professor of Biology in 1968 and given his emeritus title in 1969. He was chairman of the zoology department from 1941 through 1966. He was awarded an honorary doctor of science degree from WU in 1976.

Hamburger has been a member of the National Academy of Sciences since 1953.

"Viktor Hamburger is a pathfinder in embryonic nerve cell research who helped WU establish its first-class reputation in biology," said Thomas S. Hall, Ph.D., WU Professor of Biology and History of Science Emeritus. He has known Hamburger for 40 years.

Commenting on Hamburger's tenure as chairman of the zoology department, Hall said, "Hamburger chose good people and expected them to do excellent work — and they did."

Roy Curtiss III, Ph.D., George William and Irene Krochig Freiberg Professor of Biology and chairman of the department, described Hamburger as a "fantastic person. A joy to interact with, very intelligent, alive and inquisitive."

In her dinner speech, Van Duyn also detailed Hamburger's interest in politics and his fondness of nature, art and literature. "He travels to see mountains and lakes and flowers and African creatures," she said. "Nature has never had a more ardent and courtly lover."

Black students recognized at awards banquet

Two years ago, Jeffrey D. Carter, a transfer student, decided to join several WU student organizations to help him feel comfortable in a new environment.

He recently was honored by black faculty and staff for motivating and leading black students through his participation in student groups and University committees. Among other activities, he has served as co-chairman for the Black Pre-Medical Association.

During the 15th annual Black Honors and Awards Banquet held April 28 at the Whittemore House, Carter received the top honor — the W.E.B. DuBois Award. Award recipients are recognized for leadership ability and academic excellence. Carter, a pre-med senior in the College of Arts and Sciences, has a B-plus average.

The speaker at the banquet was retired Army Gen. Roscoe Robinson Jr., the first black four-star general in the U.S. Army.

The other students who received major awards at the ceremony were: Orgena M. Lewis, a senior in the College of Arts and Sciences, who received the Frederick Douglass Award for promoting cultural understanding between blacks and other members of the University community; Germaine D. Damper, a junior in arts and sciences, who received the Francois Dominique Toussaint L'Overture Service Award for providing volunteer assistance to the St. Louis black community; Diane L. White, who received the Paul Robeson Award for enhancing the appreciation of blacks' cultural heritage. She graduated cum laude in May from the College of Arts and Sciences; E.J. Eguia, a graduate student pursuing her doctoral degree, received the Mary McLeod Bethune Award for graduate students who, through their achievements, have inspired the WU community.

The Ralph Bunche Scholar Awards for maintaining a B-plus or higher grade average were presented to 36 students.
Moving ahead

Keep learning and dreaming were among the words of wisdom U.S. Sen. Paul Simon, D-Ill., had for the 1,881 WU graduates at Commencement exercises on May 16. The University conferred degrees to 873 graduate and 1,008 undergraduate students. Simon, shown at right being hooded by Grand Marshal Richard W. Coles, advised the graduates not to consider the diploma an "intellectual death certificate." Simon, who received an honorary doctor of laws, urged the graduates to grow intellectually, to travel, to reach out to others and to dream. "Happiness is not an addition process," he said in explaining how to reach everyone's most basic goal. "It is not gained by adding degrees or wealth. It is a subtraction process, taking from yourself and giving to others." He also told the graduates to be dissatisfied with things the way they are and to dream about ways to make them better. "There is no such thing as the status quo," he said. "You are either moving ahead or dropping back. Dreaming is moving ahead."
Lectures
Thursday, June 5
4 p.m. Central institute for the Deaf Research on Auditory Discrimination of Random Simul. — Donald E. Robinson, prof. of psychol., Indiana U. 2nd fl. aud. — clinics and research bldg. 809 T. Avery. (For more info., call 652-3200, Ext. 71.)
Friday, June 13
Saturday, June 14
Thursday, June 19

Performances
Friday, June 20
8 p.m. Performing Arts Area Readings from the St. Louis Playwrights' Festival. — "McGonagall." — by Wayne Crome, Mallinckrodt Center.
Saturday, June 21
8 p.m. Performing Arts Area Readings from the St. Louis Playwrights' Festival. — "Crabs: A Love Story." — by Steven Dickers, Mallinckrodt Center.
Friday, June 27
8 p.m. Performing Arts Area Readings from the St. Louis Playwrights' Festival. — "Just Like Family." — by Joan Lipkin, Mallinckrodt Center.
Saturday, June 28
8 p.m. Performing Arts Area Readings from the St. Louis Playwrights' Festival. — "The Bear's Tale." — by Mike and Julie Johnson.

Exhibitions
Friday, June 6
7 p.m. Auditions for the world premiere of "Flying High! A Tale of Two Partners." — the WU Summer stock '86 production. — Lambert Lounge. — Mallinckrodt Center. (Audition June 9, 10 a.m., time, Lambert Lounge.) To make an appointment, call 889-5956.
Monday, June 9
Summer Dance Institute Workshop. — Continues through June 27. For more info., call 889-5858.
Wednesday, June 11
8:30 a.m.-5 p.m. Center for the Study of Data Processing and Arthur Young and Company Conference. — "The Future of Systems Development Tools." — Simon Hall Aud. (Also June 12 and 13, same time, Simon.) For more info., call 889-4556.
Thursday, June 26
8:30 a.m.-3:30 p.m. Construction Management Summer Seminar. — "Computing and Bid Modeling." — Women's Bldg. Lounge. For more info., call 889-6345.

Calendar Deadline
The deadline to submit items for the July 5-Aug. 11 calendar of the Washington University Record is June 19. 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 1070.

Men's tennis team finishes eighth at national championship in La Jolla
The men's tennis team entered the NCAA Division III national championship as the eighth-seeded team. After three days of tournament play, the Bears exited the championship right where they were picked — in eighth place.

The bright spot for the Bears was the play of number one singles player Duncan Seay, La Jolla, Calif., who won all three matches in the tournament. Joe Chamdani of Jakarta, Indonesia, and Tim Spengler of Greenbrae, Calif., also picked up wins.

The Bears' two other entries in the singles tournament, Spengler and Jim Helstrom, Andover, N.J., were both defeated in the first round of the tournament by opponents from Emory University.

Both doubles teams from WU were beaten in the first round of their individual tournament as well.

Academy — continued from p. 1
Interference with the formation of such messenger provides the basis for the use of aspirin to prevent blood clots.

Major has been on WU's facultv since 1966. He is director of the Division of Hematology, principal investigator and director, Lesbian, Gay, Bisexual and Transgendered Center, and director, Center for Research in Thrombosis, and serves on staff at St. Louis Hospital at the WU Medical Center. He graduated magna cum laude from the WU School of Medicine in 1961, and completed an internship and residency at Massachusetts General Hospital in Boston, Mass.

Hagemann receives Eliot society award
Paul O. Hagemann, M.D., clinical professor emeritus of the WU School of Medicine, received the Religious William Greenleaf Eliot Society Award May 6 during a dinner at the Missouri Pavilion in St. Louis.

William Van Cleve, president of the Eliot society, presented Hagemann with a silver and marble replica of the sculpture "The Search," designed by Heikki Seppa, professor of art at the University.

Hagemann, an active participant in alumni affairs, is a life member of the Eliot society. He has served on the University's Alumni Board of Governors and now is vice chairman in charge of the Planned Giving Committee. Hagemann was a key person in the development of the planning team and program and has established an endowed scholarship in the School of Medicine. His leadership in the Memorial Slalum Alumni Association began early when he served as chairman of the fifth reunion of his class of 1939.

Marvin Levin, M.D., professor of clinical medicine who served both his residency and internship under Hagemann, calls him an "astute and caring" physician. "He had a good relationship with his patients," recalls Levin. "He set a good example for his students, interns and residents.

The Eliot society is an organization of University alumni and friends. The society is named after the University's founder, the Rev. William Greenleaf Eliot. Each year, the society honors an individual who has given outstanding service to the University, chosen by an anonymous committee of the society's members.

Summer stock, auditions set
Summer Stock '86, a theatre workshop, is being offered June 9-July 29 by WU's Performing Arts Area.

The workshop offers two components — one in performance and the other in production — and the opportunity to work on the world premiere of an original musical play. Tuition for each three-credit-hour course is $450. Enrollment in both courses is recommended by instructors.

For more information, call 889-6720.

The play, "Flying High! A Tale of Two Partners," is an original full-length musical about the uneasy partnership of the artist and naturalist John Adams Audubon and Ferdinand Rozier and their adventures in the French colonial St. Genevieve, Mo.

Auditions for the play will be held on June 6 and 9 from 7-10 p.m. in Lambert Lounge, Mallinckrodt Center.

Rehearsal for the play will be held in St. Louis, June 12-July 19, and move to St. Genevieve, Mo., on July 20-27 for performances.

The play will be presented in the newly restored Ottis Theatre in downtown St. Louis from July 23-27 at 7 p.m., with a matinee performance at 2 p.m. Sunday, July 27. For audition appointment, call 889-5858.

Chayton pool card available
The Clayton Parks & Recreation non-resident identification card is now available at the Settlement Building for Hilltop Campus employees only.

The identification card entitles the employee and five guests to use the Clayton Swimming Pool with payment of the admission fee ($2 per adult and $1 per school child). The identification card will be honored at the pool only if it is in the possession of the employee. The employee need not make the day pass available to the cashier to admit his or her guests.

The cards are valid at the pool only if presented by employees. They are not valid on weekends, legal holidays, school holidays or on the dates before legal and school holidays.