Award-winning production recounts General Grant’s life

Mabou Mines, the exploratory theatre company in residence at the New York Shakespeare Festival, will perform “Cold Harbor” at 8 p.m. Saturday, Nov. 1, in Edison Theatre.

The production is a Mid-America Arts Alliance Program, with support from the Regional Arts Commission. Based on the life of Ulysses S. Grant, “Cold Harbor” places the famous general within a contemporary historical museum. Enclosed in a shattered glass display case, the wax figure of Grant, portrayed by William Raymond, confronts his failures and successes while challenging his audience to an examination of the themes of war and national purpose.

Raymond, a member of the Mabou Mines, portrays General Ulysses S. Grant in the production of “Cold Harbor.” The performance will be held at 8 p.m. Saturday, Nov. 1, in Edison Theatre.

The Obie Award-winning production has been performed at New York’s Public Theatre and the American Center in Paris. Mabou Mines has toured extensively in the United States, Canada, West Germany, Australia, Yugoslavia and Japan. Jack Kroll of Newsweek calls Mabou Mines “… the best American experimental theater.”

This program is made possible by support from the Missouri Arts Council and the National Endowment for the Arts, through their participation in Mid-America Arts Alliance, a regional arts organization. Tickets for “Cold Harbor” are $15 to the general public, $10 to faculty/staff and senior citizens and $7 for students. For more information, call the box office at 889-6543.

Nobel laureates
Levi-Montalcini, Cohen share prize for pioneering research here

Rita Levi-Montalcini, M.D., professor emerita of biology at Washington University, has received the 1986 Nobel Prize for physiology or medicine as a result of her pioneering research on the so-called “nerve growth factor” (NGF) begun in 1947. She conducted her research for 30 years in the Washington University Department of Zoology (later renamed the Department of Biology) and retired in 1977. Sharing in the prize with her is Stanley Cohen, Ph.D., a biochemist who worked with him at Washington University from 1953 until 1959.

The two Nobel laureates were brought to Washington University by the distinguished chairman of the Department of Zoology, Viktor Hamburger, Ph.D., who today is the Edward Mallinckrodt Distinguished Professor Emeritus of Biology. He saw great potential in Levi-Montalcini’s initial work in neuroscience and asked her to join the faculty shortly after World War II. In 1951, four years after her appointment, Levi-Montalcini discovered nerve growth factor and in 1954 isolated it in collaboration with Cohen. She continued her research on nerve growth factor during her entire tenure at Washington University. She and Hamburger made many important additional discoveries about nerve growth factor, which increases the size of the nerve cell ganglia that control constriction of blood vessels, gland secretions, heart rate and other involuntary visceral functions.

Both Hamburger and Levi-Montalcini have received numerous national and international prizes for their science, including the 1985 Ralph W. Gerard Prize (the leading award for neuroscience); the 1983 Horwitz Prize for research in biology and biochemistry offered by Columbia University; and many more. Levi-Montalcini and Cohen recently were among six winners of the 1986 Albert Lasker Awards for medical research and public service. They won the Lasker Basic Medical Research Award.

NGF is a protein produced by salivary glands that is important for the growth and survival of certain types of nerve cells. Levi-Montalcini and Cohen found that NGF guides nerve fibers to their destination.

The study of NGF laid the groundwork for the discovery of many other growth factors, among them the epidermal growth factor, for which Cohen shared the Nobel Prize.

In explaining possible consequences of these discoveries, Hamburger said, “The genes for the epidermal growth factor and for tumors seem to be related and this connection may in the future become important for cancer research. The nerve growth factor also may become important for research on growth and reproduction in the nervous system.”

During the latter part of her career at Washington University, Levi-Montalcini commuted to Italy to work at the Cell Biology Institute in Rome, where she is now director of research, and is still conducting research on NGF. She continues to hold full faculty privileges at Washington University as professor emerita. Hamburger continues to do his research at Washington University, even though he has been officially retired for many years. He regularly works in his laboratory, as does Levi-Montalcini in Italy. Cohen is a biochemist at Vanderbilt University Medical Center in Nashville, Tenn.

“Washington University is proud of Drs. Levi-Montalcini and Cohen for their research in nerve growth factor — research that began here nearly four decades ago. They set in motion one of the most important avenues of neuroscience research and richly deserve this recognition,” said Maxwell Cowan, M.D., Ph.D., provost of Washington University and a world-renowned neuroscientist and editor of the Journal of Neuroscience.

The Nobel award to Levi-Montalcini and Cohen brings to 18 the number of Washington University faculty, former faculty and alumni who have won Nobel Prizes.
Memorial service held for Fred C. Reynolds

A memorial service for Fred C. Reynolds, M.D., was held Oct. 14 in Graham Chapel. Dr. Reynolds, professor emeritus of orthopedic surgery and Team Physician Emeritus of the St. Louis Football Cardinals, died of cancer Oct. 10 at St. John’s Mercy Medical Center.

Dr. Reynolds had been on the faculty of the Washington University School of Medicine for more than 50 years. He served in the Division of Orthopedic Surgery and was internationally recognized for his contributions to orthopedic surgery and to sports medicine.

During his tenure at Washington University, he held appointments at Barnes and Children’s hospitals. He was a member of many professional organizations serving as president of both the American Academy of Orthopedic Surgeons and the American Board of Orthopedic Surgery.

Dr. Reynolds retired as a physician for the football Cardinals in 1977. In 1979 an endowed chair was established in his honor. Approximately $650,000 was raised by a committee of prominent St. Louis civic and business leaders to endow the Fred C. Reynolds Chair of Orthopedic Surgery at the School of Medicine.

The family requests that remembrances may be made to the Fred C. Reynolds Chair of Orthopedic Surgery at the Washington University School of Medicine, Campus Box 1082, St. Louis, MO 63130.

Applications for Steedman Fellowship in architecture accepted until Dec. 15

Applications for the Steedman Fellowship at Washington University are now being accepted, according to Constantine E. Michalides, dean of the School of Architecture.

The fellowship provides $11,000 to an architect, age 21 to 33, who has not graduated from an accredited school, for a year of travel and architectural study abroad. The winner of the competition will be recommended as a Fellow in the American Academy in Rome.

Founded in 1925, the fellowship was named for James Harrison Steedman, an 1889 graduate of Washington University. Steedman died after serving in the U.S. Navy Reserve during World War I.

Applications for the fellowship will be accepted through Dec 15, 1986. Entries will be juried in February 1987, during “Steedman Week” at Washington University.

A committee was appointed to review the scholarship following the death in April 1985 of James W. Fitzgibbon, professor of architecture at Washington University, who had guided the fellowship for many years. The fellowship was not awarded in 1985-86.

The committee has recommended that a Steedman II prize be established for Washington University graduate students, in association with the Fountainbleau Association.

The prize will provide annually a $3,000 fellowship for participation in an eight-week summer program based in Fountainbleau, France. Guidelines of the prize will be developed by the Steedman Governing Committee.

The three-member Steedman Governing Committee for 1986-87 includes Louis R. Saur, president of Louis R. Saur & Associates Inc., representing the St. Louis Chapter of the American Institute of Architects; Edward M. Baum, associate professor of architecture, representing the School of Architecture; (Because Baum will be on sabbatical, Michalides will serve on the committee in his absence); and Fred F. Guyton Jr., president and chairman of the board of Peabody & Guyton, Albers & Viets Inc., selected by the committee as chairman.

For more information about the fellowship, write to: Steedman Committee, School of Architecture, Washington University, Campus Box 61540-1899.

Irish novelist to read works

Irish novelist and short story writer Edna O’Brien will read and comment on her current and in-progress fiction at 11 a.m. Wednesday, Oct. 29, in Graham Chapel. The reading, part of the Assembly Series, is free and open to the public.

O’Brien’s first novel, The Country Girls, a story of two young women who leave their childhood homes for the city life of Dublin, received the Kingsley Amis Award in 1960 and was adapted to film in 1985. The story of the two friends was later developed into a trilogy with the novels The Lonely Girl and Girls in Their Married Bliss.

O’Brien’s other writings include the best seller A Fanatic Heart, a volume of short stories, “The Wick- ed Lady,” a screenplay; The Dazzle, a children’s book; and “Home Sweet Home,” a play. She also has written Mother Ireland, a book of nonfiction.

Los Angeles Times book reviewer Charles Champlin terms O’Brien’s work, “Lyrical, painful, personal and occasionally slyly amusing. O’Brien writes with a graceful, poetic simplicity, a soft and mesmerizing brogue audible in every ca-
dence.

The themes of O’Brien’s stories are female sensuality, male treachery, Irish nostalgia and celebration of good times, which even her abused heroine enjoy.

O’Brien was born in County Clare in the west of Ireland, but has lived in London, where she first began to write, for more than 20 years.

For more information about the lecture, call 889-4620.

Concert features 20th-century music

A concert of 20th-century music will be presented by the Washington University Department of Music and the New Music Circle at 8 p.m. Monday, Oct. 27, in Edison Theatre.

The concert features mezzo soprano Mary Henderson, artist-in-residence at the University, and will be conducted by Robert Coleman, applied music instructor at the University and a clarinetist with the St. Louis Symphony.

The program includes works by Viennese composer Anton Webern, American composer Charles Ives and St. Louis composers Michael Ludwig and Roland Jordan, associate professor of music at Washington University.

Webern’s concerto, opus 24 (for nine instruments) will be performed, as well as Ludwig’s "Illustrations - Meditative," and Jordan’s "From Maps: E.E. Cummings Songs."

Tickets for the concert are $5 for the general public, and $5 for students. For more information, call 889-5581.
Deirdre Boden, Ph.D., assistant professor of sociology, recently has returned to England from where she participated in an interdisciplinary conference on the work of Erving Goffman in Stockholm, Sweden. She also visited sociology departments at Manchester University and the University of Warwick, and was a guest at King's College, Cambridge.

Saul Boyarsky, M.D., J.D., professor of surgery, co-authored a letter to the editor, titled "A Possible Cause of Hematária in Patients Taking Warfarin," which appeared in a recent issue of the New England Journal of Medicine.

Kathleen F. Brickey, J.D., professor of law, has published a 1986 supplement to her research on Chinese Criminal Liability. The supplement contains a new chapter on civil RICO and the Economics of Crime and early People's Republic-Sino-foreign enterprise in the U.S. National Program for Advanced Social Sciences pursuing work on U.S. National Program for Advanced Social Sciences pursuing work on the International Affairs Program, has a master's and doctorate in law and directs a program titled "The Seminar on China: Problems of Property Rights and Industry." The seminar is co-ordinated by the National Academy of Management and Insurance Association.

Elizabeth Burton, a doctoral candidate in the Department of Earth and Planetary Sciences, received an outstanding mention grant from the Geological Society of America for her 1986/87 field research project, titled "Pore Water Geochemistry and Early Diagenesis of Shallow Marine Carbonates." Of the 168 research grants awarded to the society for 1986, only 20 of the recipients received outstanding mention awards. The stipend is enough to pay for the living expenses of 624 student and professional applicants.

Thomas A. Harig, director of General Services, recently was elected for a three-year term to the board of directors of the University Risk Management and Insurance Association. The association is composed of risk and insurance managers representing higher education from across the nation. The association provides opportunities for familiarizing university insurance managers with current developments in the insurance industry.

William C. Kirby, Ph.D., assistant professor of history, and director of the International Affairs Program, has received a research grant from the U.S. National Program for Advanced Study in Environmental Management in China, administered by the National Academy of Sciences. He will spend the spring semester at the Economics Research Institute of the Shanghai Academy of Social Sciences pursuing work on socialism in China, and will spend the summer in Washington for a book titled "Pore Water Geochemistry and Early Diagenesis of Shallow Marine Carbonates." Of the 168 research grants awarded to the society for 1986, only 20 of the recipients received outstanding mention awards. The stipend is enough to pay for the living expenses of 624 student and professional applicants.


C. M. Sashi, Ph. D., assistant professor of marketing, has had his dissertation selected for honorable mention in the annual competition conducted by the American Marketing Association. The dissertation was completed in 1986. It is titled "Product Differentiation and Market Performance in Producer Goods Industries."

Murray L. Wax, Ph.D., professor of sociology, has an article, titled "The Effects on Workforce Productivity and Ethical Theories," published in the Anthropology and Human Development Quarterly. He was among scholars whose "peer commentary" on Adolf Grundmann's The Foundations of Ethical Theories appeared in Behavioral and Brain Sciences, Vol. 9, No. 2 (June 1986), together with reviews of the book and response by the author. A volume, titled The Ethics of Cross-Cultural Research: A Study of American Indian Communities, by Wax and others will be published by Westview Press. It contains a series of essays based upon and interpreting a survey of tribal leaders, tribal members, outside researchers, and others involved in recent research efforts among Indian communities.

Catherine C. Steiner, assistant professor of history, has been named director of the International Office at Washington University. Steiner previously was the international student adviser at the University. In her new position, she will coordinate office activities, programs, and advise international admissions. English as a Second Language and international programs.

Steiner was assistant director of the International Office at the University of Southwestern Louisiana in Lafayette, La. She worked at Washington University from 1980-81 as an overseas admissions coordinator.

A Chilton, Wis., native, Steiner has a bachelor's degree in English from Lawrence University in Appleton, Wis., and a master's degree in social work from Washington University.

Jeffrey G. Kurtzman, Ph.D., former professor of music at The Shepherd School of Music at Rice University in Houston, Texas, has been appointed chairman of the music department.

Kurtzman has held teaching and administrative positions at Rice University, Cornell University, and Middlebury College in Vermont, has a master's and doctorate in musicology from the University of Illinois and has studied piano with Rosina Lhevinne at the Aspen Music School. He has received many academic awards, including a Guggenheim Fellowship in 1979-80 and several awards for excellence in teaching.

Younger drug users are at extra risk, states a Sept. 19 United Press International wire story that appeared in newspapers from coast to coast. Lee N. Robins, Ph.D., professor of sociology in psychiatry, directed a study of drug use. She discovered that when persons began using drugs before age 15, the risk of later developing serious drug disorders more than doubled.

Does the use of ginseng merit as a cure-all? Walter H. Lewis, Ph.D., professor of biology, says, "Half the world thinks it's the greatest thing that ever existed. The other half thinks it's a rip-off."" There is no evidence that sexual drive and performance are enhanced by ingesting this root. The Associated Press story about the harvesting of a $50 million crop of the wild root in the United States appeared in the Miami Herald on Sept. 24.
Thursday, Oct. 23
1:10 p.m. George Warren Brown School of Social Work Lecture, "Disaster Volunteer Project." David F. Gillespie, WU, assoc. prof. of social work.


4 p.m. Inaugural Lecture of the Institute of Molecular Medicine, "The Biological Clock and Circadian Rhythm," Robert N. Gray, prof. of molecular medicine, Dartmouth Medical School, 300 Hanover St.

4 p.m. Public Affairs Thursday Series, "What to Expect from the Rehnquist Court," Lawrence Lessig, asst. prof. of law, Princeton U. 160 American Cyanamid.

7 p.m. Dept. of Romance Languages and Literatures Lecture, "Narrative Romance in Autobiography," Alan Robbe-Grillet, WU, distinguished research professor of French, and Stephen Hughes, asst. research scientists, Center for Research on Hearing.

7 p.m. WU Filmboard Series, "Cat on a Hot Tin Roof." $1. Brown Hall. (Also Sat., Oct. 25, noon-11:30 p.m.; also Sun., Nov. 1, noon-11:30 p.m.)

Thursday, Oct. 24
1:10 p.m. Milton S. Eisenhower Engineering and Policy Seminar, "Innovative Applications of Computer and Telecommunications in Real Brokerage." Maxime L. Rokoff, co-founder and principal of Clark, Rokoff and Associates. Also sponsored by the Dept. of Computer Science, School of Science and the Technology of Information Management. 300 Cupps Hall.

7 p.m. Latin America Forum Series, "Chile." Bernd deutscher weltsenderman A ubergare with Allan O'Brien, Irish short story writer and novelist. Law School, Schub. prof. of German, U. of Miami.

Friday, Oct. 24
12:30 p.m. Dept. of Chemical Engineering Seminar, "Surface Properties of Phosphosynthetic Microbial Growth," Lawrence E. Gage, prof. of chemical engineering, Kansas State U. 100 Cupps Hall.

5:30 p.m. Dept. of Mathematics Analysis Seminar, "Sobolev Norms of Harmonic Functions," Harald Weinberger, profesors of mathematics, Texas A & M 199 Cupps Hall.


4 p.m. Dept. of Chemistry Seminar, "Continuous Phase Shift: Effects as How Do They Depend on Temperature?" Jacob Bigeleisen, prof. of chemistry, Stanford University. New York at Stony Brook. 311 McMillen.


4 p.m. Dept. of Psychology Colloquium, "Behavioral, Metabolic and Familial Influences of the Dopamine D2 Receptor Gene." Robert F. Gitelman, acct. prof. of psychology, psy- chobiology, Western Psychiatric Institute and Clinic, Pittsburgh, Pa. 102 Eads.

4 p.m. Dept. of Philosophy and Program in History and Technology Lecture, "Computerization and the Concept of a Scientific Revolution in the 18th Century," Trevor Pincott, dept. of social studies, University of London, A.W. Leon Seminar Room, 211 Busch.

8 p.m. Dept. of Germanic Languages and Literatures Lecture, "Bildung und Kultur in the 19th Century," Rudolf Herrnstadt, prof. of German, U. of Munich. Hurst Lounge. Duncker Hall.


Tuesday, Oct. 25

4 p.m. Women's Studies Program Lecture, "Segregation of Women From Transformed Communities," Helen Gruber, WU, dean for field education in the George Warren Brown School of Social Work. Duncker Hall.

4 p.m. Dept. of Romance Languages and Literatures Lecture, "Image and Text," Alain Robbe-Grillet, WU. Distinguished Professor of Romance Languages and Literatures. WU Women's Lobby.

7 p.m. Women's Law Caucus Seminar, "Race, Repression, and Sexualities. Rita Numeroff, prof. of nummeroff and Associates 325 Mudd Hall.

Wednesday, Oct. 26

4 p.m. Eighth Annual David R. Calhoun Lecture, "Technology, Change and Soil in the American Growth of Government," Max Busch, chairman of the executive committee of IBM Corporation. 311 McMillen.

Thursday, Oct. 27

11 a.m. CID Seminar. "Evaluation of Trafic Aid," Alain Weissemann, WU, research scientist. CID 2nd floor, South Bldg.


4 p.m. Dept. of Chemistry Seminar, "Mechanism-Based Inhibitors of Serum Bis- surglycoprotein," Douglas Corey, WU, assoc. prof. of pharmacology, 311 McMillen.


4:30 p.m. Dept. of Mathematics Collo- quium, "On the Classification Problem of Embedded Lines in Characteristic P. 1." T. S. Moh, prof. of mathematics, Purdue U. 199 Cupps Hall.

Friday, Oct. 31
2 p.m. Economic History Seminar, "Ideology and the Growth of Government," Max Harrison, prof. of economics, University of Chicago.

5:30 p.m. Dept. of Mathematics Analysis Seminar, "The Jordan Curve Theorem and Sobolev Norms of Harmonic Functions," Harald Weinberger, profesors of mathematics, Texas A & M 199 Cupps Hall.


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