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WASHINGTON
UNIVERSITY
IN ST. LOUIS

Vol. 20 No. 18 Feb. 1, 1996

Presidential debate returns to WU

Washington University has been chosen as the site of the first presidential debate of the 1996 campaign — a repeat of the University's selection as host of the first 1992 presidential debate. This is the first time in history that the same university has hosted a debate in two consecutive presidential campaigns.

The debate at Washington University will be held in the Field House on the evening of Sept. 25, which is a Wednesday.

"I am pleased, and we all are honored that Washington University in St. Louis again has been chosen as the site for the first presidential debate of a campaign year," said Chancellor Mark S. Wrighton, Ph.D. "For Washington University, this is an opportunity for us to serve the nation. Research-intensive universities like ours bring great benefit to society, and an opportunity like this brings a large number of people to our campus and provides for our students and faculty an opportunity to participate in the election process."

The announcement of Washington University as the site of the first 1996 presidential debate was made Monday, Jan. 29, during a news conference in the Alumni House. At the same time, the Commission on Presidential Debates held a news conference in Washington, D.C., to announce the sites of the one vice presidential and three presidential debates for the 1996 campaign.

Representatives from the University, Anheuser-Busch Cos. Inc., the cities of St. Louis, Clayton and University City, the Regional Commerce and Growth Association, the St. Louis Convention and Visitors Commission, and St. Louis County participated in the news conference in the Alumni House.



Chancellor Mark S. Wrighton, Ph.D., far left, makes the historic announcement in a media-packed news conference that Washington University once again will host a presidential debate. This is the first time the same university has hosted presidential debates in back-to-back campaigns. Wrighton and other University and community leaders participated in the news conference in the Alumni House.

"The selection of St. Louis as the host community for the second time is a credit to everyone in the region — all of whom came together to make the 1992 debate such a success," Wrighton said. "Special thanks go to Anheuser-Busch for underwriting the Commission on Presidential Debates' expenses and to former Sen. John C. Danforth for his leadership efforts on our behalf."

The 90-minute debate will be moderated by a single individual. The presidential candidates and the moderator will be seated during the debate in the Field House.

The Field House, located in the University's Athletic Complex, was the site of the first nationally televised three-candidate presidential debate on Oct. 11, 1992 — featuring President George Bush,

Bill Clinton and Ross Perot. The Athletic Complex also was the site of the 1904 Third World Olympiad, the first Olympic competition held in the Western Hemisphere.

Washington University will host an estimated 2,000 local, national and international members of the media for the Sept. 25 debate. The debate, to be tele-

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Sources of 'stardust' found by researchers

During the past eight years, the study of stellar dust grains found in primitive meteorites has provided new insights into the formation of elements and the evolution of stars. It generally has been believed that these grains originated in stellar atmospheres and pre-date the solar system.

Researchers at the McDonnell Center for the Space Sciences at Washington University recently identified two important stellar sources of the grains, or "stardust." Ernst Zinner, Ph.D., research professor in the departments of Physics and Earth and Planetary Sciences and in the McDonnell Center, all in Arts and Sciences, reported on the latest findings in the Jan. 5 issue of *Science*.

In his article, titled "Stardust in the Laboratory," Zinner writes that he and other researchers isolated and studied in the laboratory individual stellar dust grains that were discovered in meteorites. By measuring the isotopic composition of these grains using an ion microprobe, the researchers determined that the grains came from red giant stars of low to medium mass during late stages of their evolution and from supernovae, massive stars that exploded at the end of their evolution.

These grains, Zinner explained, condensed when the envelope of red

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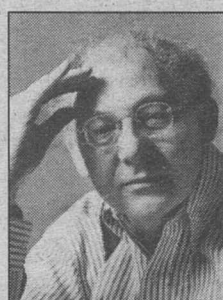
Elkin, Phillips nominated for major literary award

The last book written by the late Stanley Elkin and a collection of poetry by Carl Phillips have been nominated for the 1995 National Book Critics Circle Award, considered one of the most prestigious honors in literature, on a level with the Pulitzer Prize and the National Book Award. Winners will be announced March 21.

Elkin, formerly the Merle Kling Professor of Modern Letters in the Department of English in Arts and Sciences, was nominated in the fiction category for his novel "Mrs. Ted Bliss," which was published posthumously. Phillips, assistant professor and writer-in-residence in the English department and in the African and Afro-American Studies Program in Arts and Sciences, was nominated in the poetry category for "Cortège." Phillips is teaching creative writing this year at Harvard University, where he is a visiting assistant professor of English and American literature and language.

This is far from the first nomination for Elkin, whose work has received major critical acclaim. During his career, Elkin wrote 17 books — 10 novels and seven collections of shorter works. Elkin, who served on the Washington University faculty for 35 years, died last May of heart failure at age 65.

"Mrs. Ted Bliss" was published in August by Hyperion. The novel focuses on Mrs. Ted Bliss, who has lived on her own in a Miami condominium complex since the death of her husband, a Chicago



Stanley Elkin



Carl Phillips

butcher. Of the novel, author Geoffrey Wolff wrote: "There's no voice like his voice, and never has been. I wonder if readers appreciate what it means to have speaking on their behalf a writer who has lavished on their lives, in book after book, his bravura music. Now he has opened his heart to Mrs. Ted Bliss, and she has driven right in and parked there. Generous, savvy, hospitable to a world of everyday wonders, the widow Bliss has seen all, tells all."

Elkin's novel "George Mills," which follows a thousand-year lineage of losers with the same name — from a misguided medieval crusader to a furniture mover in present-day St. Louis — won the National Book Critics Circle Award in 1982. (Three other books — "The Dick Gibson Show" (1971), "Searches and Seizures" (1973) and "The MacGuffin" (1991) — were nominated for the National Book Award in fiction.)

"Cortège" is only Phillips' second book. Phillips said that receiving news of

his nomination was "wonderful and very unexpected ... a great surprise."

Originally from Boston, Phillips earned a bachelor's degree, magna cum laude, in Greek and Latin in 1981 from Harvard University, a master's degree in Latin and classical humanities in 1983 from the University of Massachusetts-Amherst, and a master's degree in creative writing in 1993 from Boston University.

Phillips already has won some major awards for his work. His first book, "In the Blood," won the 1992 Samuel French Morse Poetry Prize from Northeastern University Press. "In the Blood" was heralded as the work of an outstanding newcomer in the field of contemporary poetry.

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The discovery of a bizarre protein's function may aid drug development against the disease

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Peter Heath, Ph.D., opens up a whole new world for his students through Arabic and Islamic culture

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The Performing Arts Department in Arts and Sciences stages a Marivaux romantic comedy

Medical Update

Researchers identify new target for malaria drug development

School of Medicine researchers have solved the puzzle of how the malaria parasite transforms toxic remains from its food into harmless waste — a process that is blocked by the most commonly used anti-malarial drugs. The finding, published in the Jan. 12 issue of the journal *Science*, should hasten the search for compounds to replace the drug chloroquine, which has become useless in many parts of the world because of drug resistance.

"The key to the puzzle lies with a bizarre protein that is unique to the malaria parasite," said Daniel E. Goldberg, M.D., Ph.D., associate professor of medicine and of molecular microbiology. Goldberg, a Howard Hughes Medical Institute investigator, performed the research with lead author David J. Sullivan Jr., M.D., a postdoctoral fellow in medicine and a Howard Hughes Medical Institute associate, and research associate Ilya Y. Gluzman.

Malaria is one of the two most devastating infectious diseases in the world, the other being tuberculosis. The World Health Organization estimates that about 300 million people are infected by the malaria parasite annually; more than

1 million people, mostly children, die each year from the infection.

The parasite, *Plasmodium*, spends part of its life inside red blood cells, where it feeds on the red pigment hemoglobin. But like a gourmet who dines on a delicacy with a poisonous part, *Plasmodium* must avoid being killed by heme, which is toxic when freed from hemoglobin.

"So *Plasmodium* sucks in hemoglobin and degrades it in a digestive vacuole," Goldberg explained. "The heme that pops out is polymerized into a non-toxic crystalline lattice called hemozoin, and the parasite feeds on the globin."

Sullivan and Goldberg showed that a molecule called histidine-rich protein II (HRP II) catalyzes this heme polymerization. HRP II is a bizarre protein with numerous repeats of the amino acids histidine and alanine. The researchers guess the protein lines up hemes before joining them into a lattice.

They also found that chloroquine, the mainstay of anti-malarial therapy, inhibits the process and therefore may cause the parasite to be killed by the heme from digested hemoglobin. Now that heme detoxification is understood, researchers can learn more about chloroquine's mode of action.

This should enable them to modify the drug or to design new compounds that also inhibit histidine-rich protein.

— Linda Sage



Daniel E. Goldberg

Guze wins Sarnat prize in mental health

Samuel B. Guze, M.D., Spencer T. Olin Professor and head of the Department of Psychiatry, has received the fourth annual Rhoda and Bernard Sarnat Prize in Mental Health. The Sarnat prize is given by the National Academy of Sciences' Institute of Medicine.

It recognizes individuals, groups or organizations for outstanding achievement in improving mental health. In particular, the award was created to spotlight contributions that improve the understanding of or treatment for mental disorders; innovations in mental health services; and public policy changes that improve mental health services. The prize consists of a \$15,000 stipend and a medal.

Past award recipients are Daniel S. Freedman of the University of California, Los Angeles; Seymour S. Kety of the National Institute of Mental Health; and Myrna Weissman and Gerald Klerman of Columbia University in New York.

Guze, who also is an associate professor of medicine, was selected because of his pioneering work in diagnosing psychiatric disorders. He was part of a Washington University group that created a scientific

medical model and introduced a biological approach to the diagnosis and treatment of mental illness. The idea was to



Samuel B. Guze

diagnose and treat psychiatric patients in the same way other physicians approach patients with physical illness. Guze and colleagues believed mental illness should be diagnosed using specific diagnostic criteria. They helped create the American Psychiatric Association's Diagnostic and Statistical Manual of Mental Disorders, which was published in 1980 and now is in its fourth edition.

Guze's latest book is titled "Why Psychiatry is a Branch of Medicine."

Guze's work over the past three decades has helped lead to a return to the medical roots of clinical psychiatry. His research also has spawned great interest in the genetics of psychiatric disorders.

Barbara Wedge, Barnes Hospital, and **Cynthia A. Loveland Cook**, Ph.D., Barnes Hospital and The Jewish Hospital of St. Louis, a study of access coordination for high-risk mothers in prenatal care: health outcomes and cost reduction, \$19,882.

Jay F. Piccirillo, M.D., School of Medicine, an evaluation of whether care-practice guidelines decrease costs on a surgical service, \$4,000.

Michael W. Rich, M.D., The Jewish Hospital, a study of reducing disability in elderly patients hospitalized with congestive heart failure, \$20,000.

The application process has been changed this year to rolling admissions. All project outlines and requested full proposals received by the first of the month will be reviewed by the end of that month.

To receive an application packet or more information, call Diana Bose at 454-8696.



Willie Parron gets help making oatmeal from Theresa Braford, lecturer in the Program in Occupational Therapy. Parron is participating in a program that links low-income and minority elderly with dementia to health care, social services and caregiver support, among other resources. The program is sponsored by the School of Medicine's Alzheimer's Disease Research Center, the city of St. Louis Department of Health and the St. Louis Area Agency on Aging.

Grant to fund newborn brain damage studies

T. S. Park, M.D., professor of neurosurgery and of pediatrics at the School of Medicine and chief of neurosurgery at St. Louis Children's Hospital, has received a \$1.2 million grant from the Division of Neurological Disorders and Stroke at the National Institutes of Health. Park will study the inflammatory response that can damage blood vessels in the brains of newborns. This damage in turn kills neurons.

"Newborn brain injury causes lifelong, devastating neurological disabilities, such as cerebral palsy, epilepsy and mental retardation," Park explained. "So finding ways to prevent it would have a major impact."

The grant extends support to 15 years for Park's studies of cerebrovascular regulation in the newborn brain. Co-investigator Jeffrey M. Gidday, Ph.D., assistant professor of neurosurgery, of cell biology and physiology and of ophthalmology and visual sciences, has worked with Park for the past seven years.

The researchers are studying the type of damage that occurs in newborns with immature lungs or unstable blood pressure. These conditions deprive the brain of oxygen or blood, leading to disorders such as cerebral palsy, which affects 750,000 Americans and costs \$5 billion each year.

In 1994 animal studies, Park and Gidday observed that large numbers of white blood cells stick to the linings of post-capillary venules in the brain after brief oxygen deprivation. They were able to quantify this inflammatory response with a videomicroscope.

They will use this animal model to identify cellular proteins that allow white cells to stick to the endothelial cells that line blood vessels. They also will determine how various brain chemicals — nitric oxide, oxygen-free radicals and adenosine — contribute to the inflammation.

The researchers are studying the biochemical mechanisms of white cell adhesion in culture dishes, using endothelial cells from piglet brain blood vessels. They

have found that a type of white cell, the neutrophil, dramatically increases the endothelial injury that results from oxygen and glucose deprivation. "If we can discover more about the mechanisms and consequences of neutrophil adherence, it may become possible to shield infants from the brain injury that follows oxygen or blood deprivation," Park said.

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Washington
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Washington People

Heath keys growth of Islamic studies

Nearly a thousand years ago, Muslim philosopher and physician Avicenna introduced coffee as a beverage believed to be useful as a medicinal tonic, yet it took more than 500 years before coffee became accepted as a social beverage in Arabia and Persia.

Now, 500 years later, Avicenna's ideas still are catching on in the classroom of Peter Heath, Ph.D., associate professor of Arabic language and literature in Arts and Sciences.

"It's exciting for me to take students with little or no knowledge of this area and help them examine a culture through the eyes of a thousand-year-old book," Heath said. "This whole new world opens up for them. By the time we get through a book, we often find (that) the great issues of ancient Islam are not so different than issues we face today."

Heath, a leading authority on Avicenna, has spent much of his life exploring nuances of Arabic and Islamic literature, culture and civilization. While his research once may have seemed fairly arcane for a Western scholar, it has become clear that understanding Muslim culture is both relevant and essential to the Western world.

Muslims now number almost 1 billion — one-sixth of the world's population — and their ranks no longer are confined to the Middle East. Although Islam began in the Arabian Peninsula in the seventh century, Arabs now make up less than 20 percent of the Muslim faith. Indonesia, with 190 million Muslims, has the largest community, and great numbers live in Africa, Asia and the former Soviet Union. Muslim communities also are thriving in China and South America.

Islam is the fastest growing religion, both in the world and in the United States. Demographers estimate that one of every four people in the world will be Muslim by 2025. About 5 million Muslims now reside in America, and their numbers are rising rapidly — mostly from immigration but also through conversions, Heath said.

"Twenty years ago," Heath said, "Islamic studies focused almost entirely on countries where Islam was the primary religion. Now we can study Muslim groups in Western Europe, the United States and in St. Louis itself. Islam is no longer an 'other.' This whole idea of 'us' and 'them' is breaking down. The most interesting issues are those involving the interaction of cultures."

Nucleus of Islamic studies program

Since 1994, Heath has been chair of the Department of Asian and Near Eastern Languages and Literatures (ANELL), which offers language and literature courses in Arabic, Chinese, Japanese, Korean, modern Hebrew, Persian and Turkish. With 24 full-time professors, it is one of the largest departments in Arts and Sciences.

Heath came to Washington University in 1986 through the efforts of Cornell Fleischer, Ph.D., then one of the few professors here specializing in Islamic studies. Heath became the University's first tenure-track professor in Arabic language and was the nucleus of what would become a thriving program in Islamic studies.

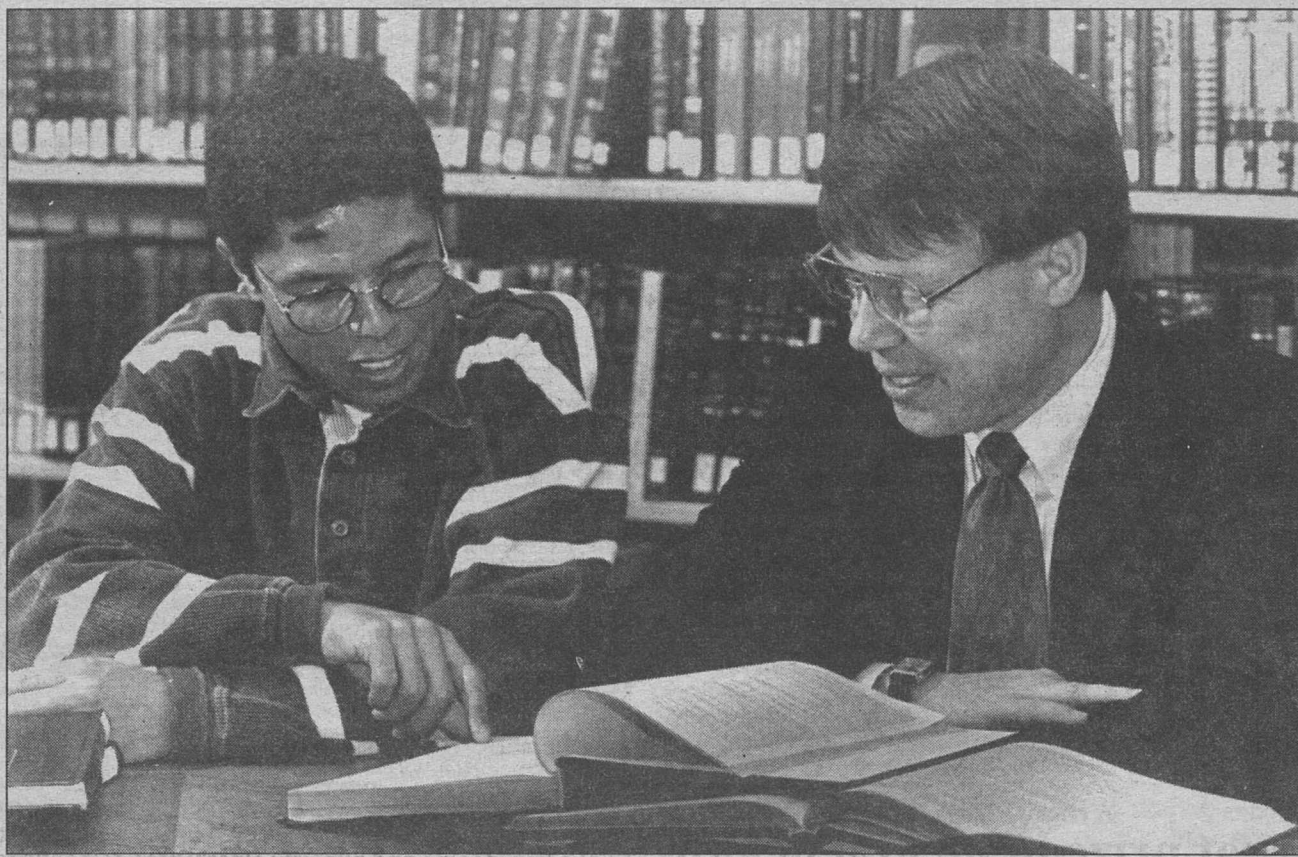
"Not only was Peter absolutely key in the formation and growth of Islamic studies there (Washington University), he also played an important role in the transformation of the Chinese and Japanese language program into what is now ANELL," said Fleischer, now a professor of Islamic and Ottoman history at the University of Chicago. "The success of both programs is very much a function of his energy and administrative skills and the momentum that springs from his intellectual acuity."

Heath has taught courses in Arabic language and comparative literature and in the international affairs master's degree program in University College in Arts and Sciences. He recently headed the University's Center for the Study of Islamic Societies and Civilizations, serving as acting director from 1991-92 and as director from 1992-94.

"No other place in the world has the precise intellectual configuration of the Islamic studies group here," Heath said. "We have a tradition of choosing scholars who research locally but think globally. In terms of an

intellectual framework, we've tried to attract scholars who think not only about Islamic issues in the Middle East but over the whole of Islamic culture, in an interdisciplinary fashion."

Heath considers his decision to pursue a career in Arabic studies a testament to the wonders of random selection in a liberal arts education. He was born on the Fourth of July, 1949, in Trenton, N.J., but career moves by his mother, a social worker, and his father, a psychology professor, led him to attend grade school in Taos, N.M., and high school in New York City.



Peter Heath, Ph.D., right, and Housni Bennis, a doctoral candidate in comparative literature from Morocco, examine a collection of Arabic literature. Heath is the doctoral thesis adviser for Bennis, who also is a teaching assistant in Arabic.

"No other place in the world has the precise intellectual configuration of the Islamic studies group here."

When he enrolled at Princeton University in 1967, the closest he had come to Islamic studies was a high school term paper on The Crusades. Having studied Latin and Spanish in high school, he opted to fill his Princeton language requirement with a course in the Oriental languages program. But, facing long lines to enroll in Japanese, Chinese or Korean, he opted for quick service at the Arabic desk.

Four years later, Heath found himself in another line — commencement — graduating magna cum laude with a bachelor's degree in Near Eastern studies. He had spent the summer of 1969 as a fellow at the Center for Arabic Studies Abroad in Cairo, a program of the American University in Egypt. In the summer of 1970, he studied Persian at Columbia University in New York. After graduating from Princeton in 1971, he returned to the Arabic studies center in Cairo to begin an intensive one-year program in advanced Arabic language studies.

Lived and worked in Middle East, Europe

Heath entered the doctoral program in Near Eastern languages and civilizations at Harvard University in 1973. He graduated from Harvard in 1981 with a doctoral degree in Arabic language and literature, minors in Persian and Turkish languages and a specialization in Sufism. He then moved his family to the West Bank in the Middle East, where he taught five years as an assistant professor of cultural studies at Birzeit University.

Heath's research often took him to the Middle East, but he also worked for several years from a home base in — of all places — Denmark. His wife, Marianne, a Dane he met at Princeton, completed her teaching degree in Denmark while Heath completed his dissertation. He now speaks fluent Danish, as well as Arabic, and reads in Persian, Turkish, French, German and Spanish.

Heath's book on Islam's greatest philosopher, "Allegory and Philosophy in Avicenna (Ibn Sina)," was published in 1992 by the University of Pennsylvania Press, Philadelphia. He also has written extensively on popular Arabic narratives, including "The Arabian Nights." His

latest book project, "Sirat Antar and the Arabic Popular Epic," is forthcoming from the University of Utah Press, Salt Lake City.

Avicenna, born in 980 A.D. in Iran, wrote and spoke in both Persian and Arabic and authored more than 200 books of amazing diversity. He compiled a five-volume encyclopedia of medicine that was translated into Latin and was used in European schools for more than 600 years. He also wrote the first overall compendia to encompass the entire philosophical curricula, including comprehensive summaries of logic, physics, biology, chemistry and other disciplines.

Heath delights in bringing his knowledge of medieval authors and rare books into the classroom. In a recent graduate seminar, for instance, he introduced a book written in Iran during the 11th century that was published in Pakistan and purchased by Heath in the West Bank.

"It's probably the first time this book has been used in a course anywhere, anytime," Heath said. "It's very exciting for students to know they are reading a book that has been lost to most of the world for many centuries."

What distinguishes Heath from other teachers in his field, said Fleischer, is his extensive experience living in the countries he studies; his knowledge of the three major Islamic languages, rather than a single national one; and his keen grasp of the interconnected histories of broad regions and cultures.

"Heath is one of the few people who is able to think about the field of Islamic literature as a larger whole," Fleischer said. "It is rare, for example, for an Islamicist to write on both philosophy and popular literature, as Peter does. His background enables him to teach the literatures of these regions in a way that makes both historical and pedagogical sense. To my mind, he's one of the most effective teachers working in this area today."

'A remarkable pedagogue'

Edward Curtis, a doctoral candidate in history from Mount Vernon, Ill., is one of three students whom Heath taught on a daily basis as part of an intensive Arabic language course.

"Peter was aware that we were all graduate students, and he treated us as adults," Curtis said. "More importantly, when I came into my own as a graduate student, I began to appreciate just how good a teacher Peter is. He is a remarkable pedagogue. Every move he makes in the classroom is informed by some greater sense of what he wants to accomplish in that class — that's what makes him such an excellent teacher."

Curtis is among seven doctoral students from across the country who headed for the Middle East in January to become the first class of the Intensive Arabic Semester Abroad, a joint program of Washington University and the Arabic Language Institute in Fez, Morocco. Heath co-founded and co-directs the program, which offers American doctoral students advanced training in reading Arabic religious texts.

"Globalization is forcing all of us to take a fresh look at old issues based on new contexts, new relationships, new distinctions," Heath said. "Scholars are re-examining important issues of American culture, such as our attitudes toward immigration, multiculturalism and English as a national language. It's natural and healthy for these issues to arise, and the University is the ideal place for them to be addressed."

"There's no such thing as being provincial or parochial or being out of the mainstream, at least not as far as the purpose of the University is concerned," Heath continued. "My being here is a reflection of the fact that although the University can't supply all dimensions of the world to all students, it believes that each student should be aware that these resources are around. It shows that the University is committed to the role of international education for its students in the same way it is to biology, physics, engineering and other disciplines, both in terms of teaching and research. That's why it's so fun to be at Washington University — because it truly strives to provide students and faculty with the support necessary to develop and sustain all of these disciplines."

— Gerry Everding

Calendar

Feb. 1-10



Exhibitions

"Versions of the Self: The Poetry of John N. Morris." Books and manuscripts tracing the career of Morris, retired English professor. Through March 1. Special Collections, Olin Library, Level Five. Hours: 8:30 a.m.-5 p.m. weekdays. 935-5495.

"MetroLines: Transit Poetry From Around the World." Through February. West Campus Conference Center. Hours: 8:30 a.m.-5 p.m. weekdays. 935-5576.

"Lifting the Veil: Robert S. Duncanson and the Emergence of the African-American Artist." More than 50 paintings, manuscripts, newspapers, books and drawings from all periods of Duncanson's career. Through March. Gallery of Art, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. 935-5490.



Films

Thursday, Feb. 1

7:30 p.m. French Film Series. "Les Nuits Fauves" (1993), with English subtitles. Room 162 McDonnell Hall. 726-1565.

Tuesday, Feb. 6

7 p.m. Japanese Film Series. "MacArthur's Children" (1984), with English subtitles. Room 219 South Ridgley Hall. 935-5110.

Thursday, Feb. 8

7:30 p.m. French Film Series. "Les Diaboliques" (1955), with English subtitles. Room 162 McDonnell Hall. 726-1565.

Friday, Feb. 9

4 p.m. Contemporary American Documentary Film Series. "Mo Funny" (1993), a documentary on the history of African-American comedy. Presented by Catherine Rankovic, instructor in African and Afro-American studies. Room 149 McMillan Hall. 935-5216.

7 and 9:30 p.m. Filmboard Feature Series. "Easy Rider" (1969), starring Peter Fonda. (Also Feb. 10, same times.) Room 100 Brown Hall. Cost: \$3. 935-5983.

Midnight. Filmboard Midnight Series. "The Wild One" (1954), starring Marlon Brando. (Also Feb. 10, same time.) Room 100 Brown Hall. Cost: \$3. 935-5983.



Lectures

Thursday, Feb. 1

9:15 a.m. Social work seminar. "Establishing a New Ethical Framework for Assisting Children: The U.N. Convention on the Rights of the Child," Felton Earls, prof. of child psychiatry, Harvard School of Public Health. Room 353 West Campus Conference Center. 935-5741.

1 p.m. Vision science seminar. "HSV Vectors for Inherited Retinal Diseases," Jay Pepose, Bernard Becker Professor of Ophthalmology and Visual Sciences and assoc. prof. of pathology. East Pavilion Aud., Barnes Hospital. 362-3726.

1:30 p.m. Vision science seminar. "Animal Model for Human CMV for Human Antiviral Testing," Jay Pepose, Bernard Becker Professor of Ophthalmology and Visual

Sciences and assoc. prof. of pathology. East Pavilion Aud., Barnes Hospital. 362-3726.

2:30 p.m. Mechanical engineering seminar. "Raman Flame Imaging and Its Application to Hydrogen-air Counterflow Diffusion Flames," Joseph Wehrmeyer, prof., Dept. of Mechanical and Aeronautical Engineering, U. of Missouri, Columbia. Room 100 Cupples II Hall. 935-6055.

4 p.m. Biology and biomedical sciences seminar. "Ecological Causes of Adaptive Radiation," Dolph Schluter, Dept. of Zoology, U. of British Columbia. Room 322 Rebstock Hall. 362-3365.

4 p.m. Molecular oncology/medicine/pathology seminar. "HCF: An Unusual Nuclear Protein Required for Cell Proliferation and Transcriptional Activation by the Herpes Virus VP16 Protein," Angus Wilson, research fellow, Cold Spring Harbor Laboratory, N.Y. Third Floor Aud., St. Louis Children's Hospital. 362-9035.

4:15 p.m. Philosophy-neuroscience-psychology colloquium. "Emergent Computation and Representations in Dynamical Systems," Melanie Mitchell, research prof. and director, Adaptive Computation Program, Santa Fe Institute, N.M. Room 110 January Hall. 935-6670.

4:30 p.m. Math colloquium. "Calderon Representation Theorem and the Characterization of Function Spaces," Qui-Hui Bui, prof. of mathematics, U. of Canterbury, New Zealand. Room 199 Cupples I Hall. (Tea: 4 p.m. in Room 200.) 935-6726.

5 p.m. Art history and archaeology lecture. "Science, Classification and Empathy: Three Models for Landscape Painting and the Work of Gustave Courbet," Jeremy Strick, curator of modern art, Saint Louis Art Museum. Room 116 Givens Hall. 935-5287.

Friday, Feb. 2

Noon. Environmental engineering seminar. "A New Membrane Process for Removal of Trace Organics for Aqueous Solutions," Sa Ho, science fellow and unit leader, Monsanto Co. Room 216 Urbauer Hall. 935-8590.

Noon. Cell biology and physiology seminar. "Is the Lens the Ocular Equivalent of Spemann's Organizer?" David Beebe, prof. of ophthalmology and visual sciences. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

4 p.m. Anatomy and neurobiology seminar. "Characteristics of the In Vitro Cellular Pathway From ES Cells to Neurons," David Gottlieb, prof. of anatomy and neurobiology and assoc. prof. of biochemistry and molecular biophysics. Room 928 McDonnell Medical Sciences Bldg. 362-3365.

4 p.m. Hematology seminar. "The Glycobiology of Schistosomiasis: From Molecular Mimicry to Autoimmunity," Richard D. Cummings, Dept. of Biochemistry and Molecular Biology, U. of Oklahoma, Norman. Room 8841 Clinical Sciences Research Bldg. 362-3365.

4 p.m. Music lecture. "Antecedents of the Instrumental Recitative in Mozart's Piano Concerto K. 271 in E flat major, 'Jeunehomme,'" Robert Levin, noted forte-pianist, Mozart scholar and prof. of performance studies at Harvard U. Seth Carlin, prof. of piano and fortepiano, will join Levin in a performance of the concerto. First-floor rehearsal room, Tietjens Hall. 935-5581.

6 and 8:30 p.m. WU Association Travel Lecture Series. "The Grand Canyon," Dale Johnson, award-winning filmmaker. Graham Chapel. Cost: \$4.50. 935-5212.

Saturday, Feb. 3

9 a.m. Surgery lecture. "Update on Thromboembolism," Lazar J. Greenfield, Evarts A. Graham Visiting Professor of Surgery and Frederick A. Collier Professor and chair, Dept. of Surgery, U. of Michigan, Ann Arbor. Clopton Aud., 4950 Children's Place. 362-8020.

3 p.m. Gallery talk. "Lifting the Veil," a discussion of the Robert S. Duncanson exhibit with Joseph Ketner, director of the Gallery of Art and exhibit organizer. (See Exhibitions, this page.) Gallery of Art, upper gallery, Steinberg Hall. 935-5490.

Monday, Feb. 5

4 p.m. Arts and Sciences/biology lecture. "Effects of the 1993 Flood on the Fauna of an Insular Wildlife Refuge," Owen J. Sexton, prof. of biology. Room 322 Rebstock Hall. 935-6860.

4 p.m. Immunology seminar. "Immune Regulation in NOD Diabetes," Gary Fatham, prof., Division of Immunology and Rheumatology, Stanford U. Third Floor Aud., St. Louis Children's Hospital. 362-8748.

4 p.m. Social thought and analysis colloquium. "The Implicit Politics of Objective Discourse: An Analytic Strategy," Stanton Wortham, asst. prof. of education, Bates College, Lewiston, Maine. Room 219 McMillan Hall. 935-4860.

8 p.m. Architecture lecture. "Press, Profession and Schools," John Dixon, editor, Progressive Architecture magazine, Stamford, Conn. Steinberg Hall Aud. 935-4636.

Tuesday, Feb. 6

Noon. Molecular microbiology lecture. "The Sulfolobus Solfataricus P2 Genome Project," Christoph W. Sensen, assoc. research officer, Canadian Institute for Advanced Research, National Research Council, Canada. Cori Aud., 4565 McKinley Ave. 362-7059.

Noon. Occupational Therapy Grand Rounds. "Integration in Skeletal Growth and Form," Luci Kohn, asst. prof. of occupational therapy and of anatomy and neurobiology. Moore Aud., 660 S. Euclid Ave. 286-1614.

12:10 p.m. Physical Therapy Brown Bag Seminar. "Functional Assessment of the Elderly," Ellen Binder, asst. prof. of medicine. Classroom C Forest Park Bldg., 4444 Forest Park Blvd. 286-1400.

4 p.m. Anthropology colloquium. "Making the Present Tense: The Politics of Time in Tamil Narrative," Diane Mines, Mellon Fellow in Anthropology. Room 149 McMillan Hall. 935-5252.

4 p.m. Diabetes research seminar. "Chemical Biology of NO," David Wink, Laboratory of Comparative Carcinogenesis, National Cancer Institute, Frederick (Md.) Cancer Research and Development Center. Pathology Library, Room 3723 West Bldg. 362-7435.

7 p.m. Religious art lecture. "The Catholic Contribution to Contemporary Art," Terrence E. Dempsey, the Mary O'Rourke Jay Endowed Chair of Cupples House and the Art Gallery and director of the Museum of Contemporary Religious Art, Saint Louis U. Catholic Student Center. 725-3358.

Wednesday, Feb. 7

6:30 a.m. Anesthesiology Grand Rounds. "α1 Anti-trypsin Deficiencies — The Most Common Genetic Cause of Liver Injury in Children," David H. Perlmutter, prof. of cell biology and physiology and of pediatrics. Wohl Hospital Bldg. Aud., 4960 Children's Place. 362-6978.

8 a.m. Obstetrics and Gynecology Grand Rounds. "Travel Tips for the Obstetrician/Gynecologist," Denise Meckler, chief resident in obstetrics and gynecology. Clopton Aud., 4950 Children's Place. 454-7886.

11 a.m. Assembly Series lecture. Cultural Celebration keynote address. "Contemporary Tribal Issues," Wilma Mankiller, former principal chief, Cherokee Nation of Oklahoma. Graham Chapel. (See story, page 6.) 935-5285.

4 p.m. Earth and planetary sciences colloquium. "Metamorphic Rocks From the Inside Out: Computed X-ray Tomography as a New Petrologic Tool," William Carlson, lecturer, Mineralogical Society of America, Dept. of Geological Sciences, U. of Texas, Austin. Room 362 McDonnell Hall. 935-5610.

Thursday, Feb. 8

1 p.m. Vision science seminar. "Vacuolar ATPase in the Ciliary Epithelium," Martin Wax, assoc. prof. of ophthalmology and visual sciences. East Pavilion Aud., Barnes Hospital. 362-3726.

2:30 p.m. Mechanical engineering seminar. "The h-p Finite Element Modeling of Thin Structures," Manil Suri, prof., Dept. of Mathematics and Statistics, U. of Maryland, Baltimore. Room 100 Cupples II Hall. 935-6055.

4 p.m. Substance abuse lecture. "Alcohol and Drug Abuse in the 21st Century," Wilson M. Compton III, asst. prof. of psychiatry and director, Chemical Dependency Services, Barnes-Jewish Hospital. Sponsored by the Woman's Club and the Office of the Vice Chancellor. May Aud., Simon Hall. A reception will follow. 935-5151.

4:30 p.m. Math colloquium. Topic to be announced. Vladimir Ezhov, prof. of math-

ematics, U. of Adelaide, Australia. Room 199 Cupples I Hall. 935-6726.

Friday, Feb. 9

Noon. Cell biology and physiology seminar. "Renal Stem Cells and Nephrogenesis," Doris Herzlinger, asst. prof., Dept. of Physiology, Cornell U. Medical College, Ithaca, N.Y. Cell Biology Library, Room 426 McDonnell Medical Sciences Bldg. 362-6950.

Noon. Environmental engineering seminar. "Brownfield Redevelopment," C. George Lynn, vice president, CH2M Hill, St. Louis. Room 216 Urbauer Hall. 935-8590.

3 p.m. Gallery talk. "Lifting the Veil," an informal discussion of the Robert S. Duncanson exhibit with Stacey Robinson, a graduate student who helped prepare materials for the exhibit. (See Exhibitions, this page.) Gallery of Art, upper gallery, Steinberg Hall. 935-5490.

Saturday, Feb. 10

10:30 a.m. Art history and archaeology lecture. "Courbet's Burial at Ornaments: A New Reading," Franz Zelger, prof., U. of Zurich, Switzerland. Room 200 Steinberg Hall. 935-5287.



Music

Sunday, Feb. 4

7:30 p.m. Orchestra concert. University City Symphony Orchestra, directed by William Schatzkamer, prof. emeritus of music. Graham Chapel. 935-5581.

8 p.m. New Music Circle performance. "Ritualistic Revival" by the Floyd LeFlore Sextet. Steinberg Hall Aud. Cost: \$5 for the general public; \$3 for senior citizens and students. 781-9314.



Performances

Thursday, Feb. 1

8 p.m. Edison Theatre's "OVATIONS!" series presents Guthrie Theater's "K Impressions of 'The Trial' by Franz Kafka." (Also Feb. 2, same time.) After the Feb. 2 performance, Gerald Izenberg, prof. of history, will lead a discussion about Kafka. Cost: \$20 for the general public; \$16 for senior citizens and WU faculty and staff; and \$11 for WU students. Edison Theatre. 935-6543.

Friday, Feb. 9

8 p.m. Edison Theatre's "OVATIONS!" series presents jazz saxophonist Joshua Redman in a quintet. Cost: \$20 for the general public; \$16 for senior citizens and

Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor, title of event, name of speaker(s) and affiliation(s), and admission cost. Quality promotional photographs with descriptions are welcome. Send items to Judy Ruhland at Campus Box 1070 (or via fax: 935-4259). Submission forms are available by calling 935-4926.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline, holiday schedule or any other information, please call 935-4926.

WU faculty and staff; and \$11 for WU students. Edison Theatre. 935-6543.



Miscellany

Thursday, Feb. 1

7:30 p.m. Feminist reading group. The group will discuss "Written on the Body" by Jeannette Winterston. Women's Bldg. Lounge. 935-5102.

Saturday, Feb. 3

9 a.m. Cell and molecular biology program retreat. Eric P. Newman Education Center. To make reservations, call 362-2763.

9 p.m. Jewish Awareness Month event. "Jammin' for Jerusalem," a party with food, drink, music and more. Proceeds benefit United Jewish Appeal. Cost: \$5. Holmes Lounge, Ridgley Hall. 726-6177.

Sunday, Feb. 4

Cultural Celebration. An annual weeklong event celebrating the ethnicity and diversity of the WU and St. Louis communities. Events include "Kaleidoscope of Cultures," a gathering of cultures through art, dance and music; "Taste of the World," where individuals can enjoy edibles from around the globe; a forum on the effect of culture on the media; a coffee-house; and a performance by the St. Louis Black Repertory Company. Through Feb. 11. Events occur at various locations on campus. 935-5010.

Monday, Feb. 5

Career Week. "Learn and Discover" features a series of workshops, panel discussions and events focusing on career exploration. Sponsored by the Career Center, Student Union and the Senior Student Association. Activities, held at various locations on campus, continue through Feb. 9. Open to the WU community only. 935-5930.

Wednesday, Feb. 7

8 p.m. Fiction reading. Lynn Sharon Schwartz, author of "Fatigue Artist" and "Leaving Brooklyn." Hurst Lounge, Room 201 Duncker Hall. 935-5190.

Thursday, Feb. 8

Noon. Group tour. The International Student Resource Group will tour the Ford Motor Co. assembly plant. Bus will leave Stix International House at noon and return at 3 p.m. To sign up, call 935-4787.

4 p.m. Jewish Awareness Month event. A Jewish meditation mini-course with Rabbi James Stone Goodman, Neve Shalom Congregation. Register by Feb. 2 at Hillel Center, 6300 Forsyth Blvd., or Campus Box 126. Cost: \$5. Women's Bldg. Lounge. 726-6177.

Friday, Feb. 9

Mitzvah Corps outing deadline. Visits to the Jewish Center for the Aged, Ecumenical Housing and the Grace Hill Neighborhood Shelter are planned for 11:30 a.m.-3 p.m. Feb. 18. Register at Hillel Center, 6300 Forsyth Blvd., or Campus Box 126. 726-6177.

Saturday, Feb. 10

9:30 a.m.-noon. Art workshop. Find out what's happening in the mail-art network. Bring your ideas, junk mail, poems, markers, etc. Room 104 Bixby Hall. Cost: \$35. For more info. and to register, call 935-4643.



Performing arts students will stage six performances beginning Feb. 16 of "The Double Inconstancy" in the Drama Studio, Room 208 Mallinckrodt Center.

Performing arts students present romantic comedy by Marivaux

The Performing Arts Department in Arts and Sciences will present Pierre Carlet de Marivaux's 18th-century romantic comedy "The Double Inconstancy" for six performances beginning Feb. 16 in the Drama Studio, Room 208 Mallinckrodt Center.

Written in Paris in 1723, "The Double Inconstancy" tells the story of a young French prince who falls in love with Silvia, a beautiful peasant girl who is betrothed to the handsome Harlequin. Determined to win her affections, the prince hatches a scheme in which he disguises himself as an officer of the court. Under this guise, he orders Silvia and Harlequin to his luxurious palace, where they fall to the seductions of court life. While the prince pursues Silvia, he arranges for Falminia, a lady of the court, to woo Harlequin away from Silvia.

A battle of fidelity vs. infidelity ensues, as vows are shattered and love blossoms between unexpected and reluctant partners. Speaking the brilliant comic dialogue of Marivaux, the characters delve into the machinations of love, desire, constancy and human motivation.

The play is directed by Bill Whitaker,

artist-in-residence in drama. Marivaux's works were dismissed for many years as "superficial," Whitaker said, but finally are getting the attention they deserve.

"People are beginning to take a new look at these plays," Whitaker said. "The language is very subtle. He gets rid of the gimmicks of comedy and gets to the machinations of the heart. It's quite funny but, at the same time, quite dear and delicate."

Marivaux was born in Paris on Feb. 4, 1688. In 1720, he began to write for the theater. His delicate plays languished, however, next to the works of Moliere and Beaumarchais.

It wasn't until the late 19th century that his works received notice. Marivaux is credited for starting a new type of romantic comedy in which the characters fall in love despite their avowals not to do so.

Six performances of "The Double Inconstancy" will be held at 8 p.m. Feb. 16, 17, 23 and 24; at 7 p.m. Feb. 18; and at 2 p.m. Feb. 25.

Tickets are \$8 for the general public and \$6 for senior citizens, Washington University faculty and staff, and all students. Tickets are available at the Edison Theatre box office (935-6543).

Black Light Theatre stages 'Peter Pan'

The Black Light Theatre of Prague will astound and delight audiences of all ages with its magical production of "Peter Pan" at 8 p.m. Feb. 16 and 17 in Edison Theatre.

Like all of Black Light's productions, "Peter Pan" uses a combination of mime, puppeteering, dance, music and state-of-the-art black lighting to make the impossible seem effortless.

Children and adults alike may gasp in disbelief as Captain Hook, Tinkerbell, Wendy, an alligator, the Lost Boys, a ticking clock and inanimate objects seemingly fly about the stage in this unique telling of the classic fairy tale. Performing to original music and without words, the Black Light performers create a theatrical experience unlike any other on the stage today.

Theater critics around the world agree. The Times of London described it this way: "Dreams take place before your eyes."

Black light theater is a traditional art form that originated centuries ago in Asia. Then, black-clad performers created stories with puppets and dolls before a black backdrop, delighting emperors and their courts. The performers in Black Light Theatre of Prague create their magical effects in a similar fashion, adding ultraviolet lights to make the colored sets, props and characters glow

brightly. The ultraviolet lights also render completely invisible the technicians who carry the objects and actors about the stage, thus creating the illusion of flying.

The company's founder and artistic director, Jiri Smec, began experimenting with such black light theatrical techniques in the late 1950s. He created Black Light Theatre of Prague in 1961.

To date, the company has performed in more than 40 countries on six continents.

The performance of "Peter Pan" marks Black Light Theatre of Prague's return to Edison Theatre. In 1992, it performed its highly regarded version of "Alice in Wonderland" here.

Before the Feb. 17 performance, the St. Louis Psychoanalytic Institute and Edison Theatre will present a discussion of the psychological aspects of "Peter Pan." The discussion begins at 7 p.m. in Edison Theatre and will be led by Moisy Shopper, M.D., director of the institute's child analytic program.

"Peter Pan" is this year's special family event in Edison Theatre's "OVERTURES!" series. Tickets are \$20 for the general public; \$16 for senior citizens and Washington University faculty and staff; and \$11 for University students. Tickets are available at the Edison Theatre box office (935-6543) or through Metrotix (534-1111).

Sports

Compiled by Mike Wolf, director, and David Moessner, assoc. director, sports information.

Bears move atop UAA with two victories

Paced by two record-setting performances from junior point guard J.J. Siepierski, the Washington University men's basketball team notched a pair of University Athletic Association (UAA) victories over Carnegie Mellon University (Pittsburgh), 93-74, and Emory University (Atlanta), 91-60. The two wins, coupled with a New York University loss at the University of Rochester (N.Y.), gave the Bears sole possession of first place in the UAA. Siepierski began the weekend with a 13-assist, 20-point performance vs. Carnegie Mellon. The 13 assists broke the Bears' single-game record and tied the UAA mark. Two days later, however, Siepierski shattered both marks with 15 assists in the victory over Emory. For the weekend, he totaled 28 assists and just five turnovers.

Current record: 13-5 (7-1 UAA)

This week: 6 p.m. Friday, Feb. 2, vs. University of Rochester, Field House

Women hoopsters extend UAA win string

Extending its UAA home winning streak to 34 games, the WU women's basketball team defeated Carnegie Mellon 63-57 and then toppled Emory 61-50. The wins kept the Bears one game behind frontrunning New York University in the league race. Sophomore guard Amy Schweizer led the offensive charge, averaging 20.5 points in the two victories and canning seven of 11 three-point field-goal attempts.

Current record: 13-4 (7-1 UAA)

This week: 8 p.m. Friday, Feb. 2, vs. University of Rochester, Field House

Women swimmers win, men's team snares third

Led by the efforts of junior Christine O'Brien, who missed the first half of the season while interning in Washington, D.C., the women's swimming and diving team won last weekend's nine-team WU Invitational. Meanwhile, the men finished third. O'Brien won the 200-yard

butterfly (2 minutes, 27.97 seconds) and placed second in the 200 freestyle and third in the 500 free. She was joined on the victory stand by junior Julie Wolf, who won the 200 breaststroke (2:42.04). On the men's side, junior Jason Price was the standout. Price won the 100 free (49.24 seconds) and placed third in the 200 free and fourth in the 200 free. The Bears' other individual winner was junior Mike Donnerstein, who reached the wall first in the 200 free (1:46.48).

Current record: men 6-2, women 2-3

This week: 4 p.m. Saturday, Feb. 3, vs. University of Chicago (at University of Illinois, Chicago)

Indoor tracksters nearing full speed

Working out the kinks in their second meet of the season, the WU men and women's indoor track and field teams finished third and fourth, respectively, at the Saturday, Jan. 27, 12-team Eastern Illinois University Mega-Meet. Freshmen sprinters Claudine Rigaud and Monica Lewis claimed individual wins. Rigaud bettered her own school record in the 55-meter dash (7.45 seconds), and Lewis took the 400-meter dash in 1:00.61. The men were led by senior Asa Flanigan, who placed second in the 5,000 and eighth in the 3,000.

This week: 11 a.m. Saturday, Feb. 3, at Illinois Wesleyan University Invitational, Bloomington, Ill.

Crew team sponsors indoor championships

The WU crew team, in conjunction with the St. Louis Rowing Club, will sponsor the Third Annual St. Louis Indoor Rowing Championships on Saturday, Feb. 3. The event, to be held in Francis Gymnasium in the Athletic Complex, will begin at 9 a.m. To be consistent with the World Championship races and the approximately 50 other U.S. indoor regattas, best times will be determined for a distance of 2,000 meters. Medals will be awarded for the top finisher in each of 12 age- and weight-related categories. For more information, contact WU crew coach Cameron Carter at 935-4496.

Former American Indian chief keynotes Cultural Celebration

Wilma Mankiller, former principal chief of the Cherokee Nation of Oklahoma, will speak in the Assembly Series at 11 a.m. Wednesday, Feb. 7, in Graham Chapel. Her lecture, titled "Contemporary Tribal Issues," will be the Cultural Celebration keynote address.

After the lecture, Mankiller will participate in a reception/informal discussion from 12:15 to 1:30 p.m. in the Women's Building Lounge. Both events are free and open to the public.

Mankiller is a scholar-in-residence at Dartmouth College in Hanover, N.H. She served as principal chief of the Cherokee Nation of Oklahoma from 1985 to 1995 — the first woman to hold this position. Elected deputy chief in 1983, she succeeded the previous principal chief upon his resignation in 1985. She then went on to win a full four-year term in 1987 and, with 83 percent of the vote, won re-election in 1991.

As principal chief, Mankiller guided the second-largest American Indian nation in the United States, leading a team that dramatically increased the revenue, services and stature of the Cherokee Nation of Oklahoma. She is particularly proud of the development of a comprehensive health-care system.

The story of her life is chronicled in "Mankiller: A Chief and Her People," a book she wrote in 1993 with Michael Wallis, a Tulsa, Okla., journalist and author.

Cultural Celebration is an annual weeklong series of events celebrating the ethnicity and diversity of the University and St. Louis communities. Events scheduled for the celebration, which runs from Sunday, Feb. 4, to Sunday, Feb. 11, include "Kaleidoscope of Cultures," a gathering of cultures through art, dance and music; "Taste of the World," where individuals can enjoy edibles from around the globe; a forum on the effect of culture on the media; a coffeehouse; and a performance by the St. Louis Black Repertory Company.

For more information on the lecture, call 935-5285. For more information on Cultural Celebration, call 935-5010.

Social work conference examines violence

"Social Workers and the Challenge of Violence Worldwide" is the theme of two national satellite video-teleconferences to be shown from noon to 1:30 p.m. Tuesday, Feb. 6, and Friday, Feb. 9, in Brown Hall Lounge.

Noted TV journalist Charles Kuralt will host the two interactive sessions.

The George Warren Brown School of Social Work is planning several related events — all free and open to the public — in Brown Hall Lounge.

After the Feb. 9 teleconference, there will be a "Student Drama on Domestic Violence." Social work faculty will discuss adolescent and family violence and violence in the community from noon to 1 p.m. Feb. 13. Experts from local schools, courts and communities will discuss new policies and procedures in the juvenile justice system from 6 to 8 p.m. Feb. 29.

Richard Wright book focus of all-day reading

The African and Afro-American Studies Program in Arts and Sciences and the Campus Bookstore are seeking participants for an all-day reading of Richard Wright's book "Lawd Today." The reading will be from 9 a.m. until the 219-page book is finished on Feb. 12 in the Campus Bookstore, Mallinckrodt Center.

Each participant will read for 15 minutes. No experience is required.

For more information, call 935-5690.



KTVI-TV (Channel 2) higher education reporter Betsey Bruce interviews James Davis, Ph.D., professor of political science in Arts and Sciences, after a news conference announcing Washington University's selection as the site of the first 1996 presidential debate. Davis, an expert on presidential campaigns and party politics, is teaching a course on politics and the media. Members of the local media were invited to attend the class, which was held later that day.

Success of 1992 debate played role in 1996 decision — from page 1

vised by all the major networks, will be seen by an expected 100 million viewers in the United States and numerous countries around the world. A press center in the Athletic Complex will be equipped to handle more than 3,000 telephone lines for the 2,000 media.

William H. Danforth, chairman of the Board of Trustees and chancellor of the University from 1971 to 1995, called the debate one of the crucial events in the political life of the country.

"This is one of the ways we learn how to vote, and I am glad this event will take place in St. Louis, and I'm glad it will take place at Washington University," Danforth said. "This isn't a debate just for Republicans, just for Democrats or just for independents. It's a debate for all the American people."

Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences, said hosting a presidential debate on campus is one of those "uplifting" experiences for students — comparable to that of a faculty member winning a Nobel Prize or an athletic team bringing home an NCAA championship trophy.

"There are certain events that take place on a campus that can really shape the graduate and undergraduate experiences of our students," Macias said. "As a result of the last debate, our students worked to increase the number of registered voters among the student body."

Jacqueline P. Ulin, a junior majoring in political science and French in Arts and Sciences and the vice president of Student Union, said she is intrigued by the opportunities the debate will present students — such as volunteering for political campaigns or organizing voter-registration drives.

"The students are fierce and vibrant. We love challenges. We are driven, and we are dedicated to our school," Ulin said.

Anheuser-Busch Cos. Inc. is underwriting the cost of the 1996 event as it did in 1992. The company has a long record of support for the St. Louis community and its many institutions, including Washington University.

"It's an honor for Anheuser-Busch to be a part of the 1996 presidential debates for two reasons. First, no other aspect of the campaign will provide the American voters ... with such an opportunity to compare the candidates to help them make decisions next fall. ... The second reason is because we're proud to be a part of the St. Louis community. St. Louis is a world-class city, and it's only appropriate that St. Louis play a role in the 1996 presidential campaign," said Steve Lambricht, vice president and group executive of Anheuser-Busch Cos. Inc.

The Commission on Presidential Debates (CPD), based in Washington, D.C., credited the University for its work in the 1992 presidential debate. That year, the University had only seven days to transform the hardwood-floor gymnasium of the Field House into a red-carpeted debate hall because St. Louis was a last-minute choice acceptable to all three candidates.

"We are delighted and grateful to be returning to Washington University for the

first debate of 1996," said Paul G. Kirk Jr. and Frank J. Fahrenkopf Jr., CPD co-chairmen. "The University did an extraordinary job in 1992 pulling together the first debate with (several) days notice."

Wrighton said the University's performance in putting together the first 1992 presidential debate on such short notice probably was a major reason the CPD chose the University again for a 1996 debate.

"Washington University was selected, in my view, because we did such an extraordinary job in 1992," Wrighton said. "The presidential debates commission very likely wanted to go with a group of people and a site with whom they had experience, and I believe that we can do an excellent job with them this year."

Other debates and their locations are: vice presidential debate Oct. 2 in the Civic Center in Hartford, Conn.; presidential debate Oct. 9 in the Bayfront Center in St. Petersburg, Fla.; and a presidential debate Oct. 16 at the University of San Diego.

All debates will last 90 minutes and will be moderated by a single individual. During the vice presidential debate, the candidates and the moderator will be seated; during the second presidential debate, citizens will question the candi-

dates in a town meeting format; and during the final presidential debate, the candidates will stand behind traditional podiums. Each debate will cover both foreign and domestic policy issues.

"More than 40 colleges, universities and cities expressed interest in hosting one of this year's debates," Kirk and Fahrenkopf said. "We are grateful to have had an excellent group of finalists from which to choose these four. Each one will allow us to continue our tradition of involving educational institutions in all regions of the country in the debates. Trinity College is a partner in the Hartford, Conn., debate, and the University of South Florida is a partner in the St. Petersburg, Fla., debate."

Established in 1987, the nonpartisan, non-profit CPD sponsored and produced the presidential and vice presidential debates in 1988 and 1992.

The CPD's voter-education project, "DebateWatch '96," will bring people together in schools, libraries and civic auditoriums in all 50 states to watch and talk about the candidates and their views.

Wrighton said the University plans to offer educational programs for its students in conjunction with "DebateWatch" and in conjunction with the debate itself.

— Michael Slatin

1992 Debate Digest

Facts about the Oct. 11, 1992, presidential debate held at Washington University:

HISTORICAL SITE: Washington University hosted the first nationally televised three-person presidential debate on Sunday, Oct. 11, 1992. The site of the debate — the Washington University Athletic Complex — also was the site of the 1904 Third World Olympiad, the first Olympic competition ever held in the Western Hemisphere.

PARTICIPANTS: The 90-minute debate, sponsored by the nonpartisan Commission on Presidential Debates, featured President George Bush, Bill Clinton and Ross Perot. Questions were posed by moderator Jim Lehrer, then co-anchor of the "MacNeil-Lehrer NewsHour," and a panel of three journalists: Ann Compton, then ABC White House correspondent; John Mashek, then White House correspondent for the Boston Globe; and Sander Vanocur, former CBS, ABC and NBC reporter.

ON-SITE AUDIENCE: Space was limited in the Field House due to the requirements of four TV network platforms, additional camera sites and a three-level stage consisting of a 65-foot-wide by 40-foot-deep raised platform where the candidates stood behind lecterns. Of the approximately 600 people in the debate hall, 250 were Washington University students who were chosen through a lottery. Other seats in the debate hall went to reporters and to an equal number of invited guests of the candidates.

The debate, which began at 6 p.m. CST, was broadcast simultaneously

throughout the Washington University campus, including Brookings Quadrangle, where a giant screen was erected outdoors for several hundred people; Edison Theatre, which accommodated 600, including then-Chancellor William H. Danforth; Graham Chapel, which attracted about 100 people; and numerous residence halls and medical school locations.

WORLDWIDE AUDIENCE: Approximately 100 million Americans and millions of others worldwide watched the debate that was telecast live from Washington University.

MEDIA MANIA: Press credentials were issued to more than 1,000 local, national and international media representatives. The Athletic Complex's recreational gym, adjacent to the Field House, was turned into a temporary media center in which more than 550 journalists watched the debate on TV monitors and then filed their stories. More than 3,000 new telephone lines were installed throughout the complex. The media center also was the area where the candidates' "spin doctors" gave their commentary and analysis of the debate.

ABC-TV provided pooled audio and video for CBS, NBC, CNN, Fox, C-SPAN and PBS for the entire debate and offered 48 video and 48 audio feeds to affiliate stations worldwide. Eight pool video cameras were positioned throughout the debate hall. The three major TV networks and CNN had large platforms for their cameras and news anchors at the rear of the debate hall.

Introducing new faculty members

Hilltop Campus:

Eileen Kraemer, Ph.D., assistant professor of computer science, comes from the Georgia Institute of Technology in Atlanta, where she was a graduate research assistant in computer science. Her research interests include distributed systems, visualization, parallel programming environments and computational biology. She received a bachelor's degree in biology in 1980 from Hofstra University in Hempstead, N.Y., a master's degree in computer science in 1986 from Polytechnic University in Farmingdale, N.Y., and a doctorate in computer science in 1995 from the Georgia Institute of Technology.

Judi McLean Parks, Ph.D., assistant professor of organizational behavior, comes from the Industrial Relations Center at the University of Minnesota in Minneapolis, where she was an assistant professor. Her research interests include workplace violence and diversity and conflict management. She received a bachelor's degree in management information systems in 1985 from Iowa State University in Ames, a master's degree in management sciences in 1988 from the University of Iowa in Iowa City, and a doctorate in organizational behavior and theory in 1990 from the University of Iowa.

Medical Campus:

K. Daniel Riew, M.D., assistant professor of orthopaedic surgery, comes from the University Hospitals of Cleveland, where he was a fellow of spine surgery. He also completed residencies and fellowships at the New York Hospital-Cornell Medical Center, Beth Israel Hospital in New York and George Washington University Hospital in Washington, D.C. He received a bachelor's degree in biology in 1980 from Harvard University and a medical degree in 1984 from the Case Western Reserve University School of Medicine in Cleveland.

Nancy Tye-Murray, Ph.D., associate professor of audiology in the Department of Speech and Hearing, comes from the University of Iowa in Iowa City, where she was a senior research scientist in the Department of Otolaryngology. She studies the effects of cochlear implantation on the speech production of congenitally deaf children. She received a bachelor's degree in deaf education in 1977 from Texas Christian University in Fort Worth and a master's degree in audiology in 1979 and a doctorate in speech and hearing science in 1984, both from the University of Iowa.

For The Record

For The Record contains news about a wide variety of faculty, staff and student scholarly and professional activities.

Of note

Thomas F. Eagleton, LL.B., University Professor of Public Affairs in Arts and Sciences, received the 23rd annual Lamp-lighter Award from the Public Relations Society of America's St. Louis chapter. He was cited for his leadership role with FANS Inc. and his public relations work to bring football and the St. Louis Rams to the city. The Lamplighter Award recognizes St. Louisans who enhance the reputation and prestige of the St. Louis community through leadership and civic commitment. ...

William H. Gass, Ph.D., David May Distinguished University Professor in the Humanities in Arts and Sciences and director of the International Writers Center in Arts and Sciences; **Leigh Gerdine**, Ph.D., former longtime chair of the Department of Music in Arts and Sciences; and **Heikki Seppä**, professor emeritus of art, received 1996 St. Louis Arts Awards from The Arts and Education Council of Greater St. Louis. Gerdine was honored for lifetime achievement in the arts, while Gass and Seppä were cited for excellence in the arts. They were honored at a special dinner and awards program at the Ritz-Carlton hotel in Clayton. ...

Marc S. Levin, M.D., and **Deborah C. Rubin**, M.D., assistant professors of medicine, received a \$508,208 three-year grant from the Institute of Diabetes and Digestive and Kidney Diseases for a

project titled "Molecular and Cellular Analysis of Intestinal Adaptation."

Speaking of

Carl D. Bohl, D.Sc., adjunct assistant professor of environmental health in the Department of Speech and Hearing and a visiting research scientist at the Central Institute for the Deaf (CID), and **William W. Clark**, Ph.D., professor of physiological acoustics in the department and interim director of research at the CID, delivered a presentation titled "Metrics for Hearing Conservation" at the Professional Conference in Industrial Hygiene in San Diego.

On assignment

Joan Lipkin, a part-time lecturer in performing arts in Arts and Sciences, worked as an artistic associate with Joseph Chaikin, a New York-based theater artist. The residency took place at the Atlantic Center for the Arts in New Smyrna Beach, Fla. While in residence, Lipkin collaborated with theater artists from Europe and the United States on "The Disability Project," which, through theatrical imagery, humor and music, seeks to reflect on what it means to be disabled.

To press

M. Wayne Flye, M.D., Ph.D., professor of surgery, of molecular microbiology and of

immunology, edited a book titled "Atlas of Organ Transplantation" published by the W. B. Saunders Co. of Philadelphia. The book is an illustrated overview of the surgical techniques and current status of the rapidly evolving field of clinical human organ transplantation. Flye also wrote several chapters in the book. ...

Catherine Rankovic, instructor in African and Afro-American studies in Arts and Sciences, wrote an essay titled "Lifting the Curtain: A Serbian-American Memoir" published in the Iowa Review's winter issue. ...

Kristin E. S. Zapalac, Ph.D., assistant professor of history in Arts and Sciences, wrote an essay on "'Item Perspectiva ist ein Lateinisch Wort, Bedeutt ein Durchsehung': A Reformation Re-vision of the Relation Between Word and Image" that was published in "Meaning in the Visual Arts: Views From the Outside. A Centennial Commemoration of Erwin Panofsky," a collection of essays by scholars in the humanities and social sciences.

Guidelines for submitting copy:

Send your full name, complete title, department, phone number, and highest-earned degree, along with a typed description of your noteworthy activity, to For The Record, c/o Carolyn Sanford, Campus Box 1070, or p72245cs@wuvmd.wustl.edu. Items must not exceed 75 words. For more information, call Sanford at 935-5293.

Applications available for journalism awards

Applications are available in the Office of Student Financial Services for scholarships awarded by the Journalism Foundation of Metropolitan St. Louis. The application deadline is March 29.

The scholarships are open to full-time undergraduate (sophomores and above) and graduate students living in the St. Louis metropolitan area, including several Illinois counties. Students must be pursuing studies next fall in journalism, mass communications, public relations, advertising or writing.

Last year, the foundation presented scholarships and cash awards, totaling more than \$18,000, to 17 college students in journalism and related courses of study. Scholarship recipients are chosen on the basis of aptitude, interest in pursuing a journalism or communications career, academic standing and financial need. Scholarships will be presented at the foundation's annual spring banquet.

For more information, call Joseph Kenny, scholarship coordinator, at 531-9700.

Nanette Clift named recruitment director

Nanette H. Clift has been named director of recruitment in the Office of Undergraduate Admission, announced John A. Berg, associate vice chancellor for undergraduate admission.

"Nanette is an outstanding leader who has an exceptional ability to help



Nanette H. Clift

others think about creative ways to face any challenge and to do their best," Berg said. "She is well respected by her peers and colleagues, as well as by admission professionals and high school counselors around the country."

As director of recruitment, Clift directs travel recruitment efforts, the applicant review process and the office's budget. She has territory responsibilities for the southeastern United States, South America and Guam. She also is involved in coordinating guest relations, particularly the campus visit programs.

Clift joined Washington University in 1983 as an assistant director of admission in the Office of Undergraduate Admission. In 1988, she was named an associate director of admission, a post she held until her appointment as director of recruitment.

Clift received a bachelor's degree in classics in 1980 from Newcomb College of Tulane University in New Orleans. From 1980-83, she worked as an academic adviser in Tulane's College of Arts and Sciences.

Memorial fund set for Nancy Louise Grant

A fund has been established at Washington University in memory of Nancy Louise Grant, Ph.D., associate professor of history in Arts and Sciences. The fund will sponsor a lectureship in African-American history and government policies toward racial minorities.

The Department of History will administer the fund. Both the history department and the African and Afro-American Studies Program in Arts and Sciences will sponsor the lectures.

Grant died of breast cancer Oct. 10

at Barnes Hospital. She was 46. A public policy historian, her recent research focused on the employment of minorities in the federal government from the 1940s to 1975.

Contributions may be sent to the Development Office, Washington University, Campus Box 1082, 1 Brookings Drive, St. Louis, MO, 63130-4899. Checks should be made payable to Washington University with Grant's name on the memo line.

For more information, call the history department at 935-5450.

Obituaries

Lawrence J. Ross, professor emeritus of English

Lawrence J. Ross, Ph.D., professor emeritus of English in Arts and Sciences, died of a heart attack Tuesday, Jan. 23, 1996, at The Jewish Hospital of St. Louis. He was 69.

Ross, of University City, joined the Washington University faculty with tenure



Lawrence J. Ross

His earlier publications include editions of

as a professor of English in 1963. He retained that title until 1994, when he became professor emeritus.

Ross was a Renaissance scholar whose special interest was Shakespeare, the drama, iconography and criticism.

plays by Shakespeare and other Elizabethan dramatists and a monograph on Shakespeare and Michelangelo.

Born in New York on May 11, 1926, Ross received a bachelor's degree in 1947 from Queens College in New York and master's and doctoral degrees in 1949 and 1957 from Princeton University.

A memorial service was held on Saturday, Jan. 27, in Hurst Lounge, Duncker Hall. His body was cremated.

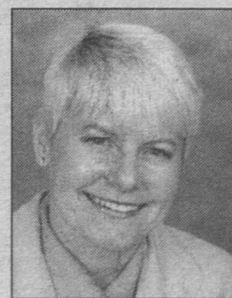
Survivors include his wife, Luba R. Ross; a daughter, Jenny E. Ross of Truckee, Calif.; a son, Jonathan E. Ross of Tampa, Fla.; and two grandchildren.

Memorial contributions may be made to The Jewish Hospital Division of Cardiology Research Fund, c/o The Jewish Hospital Development Office, 216 S. Kingshighway Blvd., St. Louis, MO, 63110.

Campus Authors

The following is a recent release available at the Campus Bookstore in Mallinckrodt Center on the Hilltop Campus or at the Washington University Medical Bookstore in the Olin Residence Hall. For more information, call 935-5500 (Hilltop Campus) or 362-3240 (School of Medicine).

"Defining Dominion: The Discourses of Magic and Witchcraft in Early Modern France and Germany" is the title of a book by **Gerhild Scholz Williams**, Ph.D., professor of German and of comparative literature in Arts and Sciences and associate vice chancellor. How did magic influence people's lives and thought in early modern Europe? How did women come to be associated with magic and witchcraft, and how did this affect their place in society? In this volume, Williams explores the role of magic in France and Germany during the 15th and 16th centuries. She guides the reader through a variety of texts, many of them popular and influential in their day, and tells the story of how women were thrust into the center of a destructive discussion lasting several hundred years. (The University of Michigan Press, Ann Arbor)



Opportunities & personnel news

Hilltop Campus

The following is a partial list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 126 North Brookings Hall, or by calling 935-5990.

Career Counselor for Adult Graduate Students 960144. *Career Center.* Requirements: undergraduate degree in a liberal arts discipline; graduate degree in counseling, student personnel, career counseling or related field; demonstrated knowledge of career counseling and placement theory and practice; experience in or exposure to an arts and sciences career center; knowledge of career opportunities nationally for liberal arts graduates; a self-starter and team player who can work effectively with a diverse student population; excellent organizational, verbal, speaking and teaching skills; flexibility; creativity; high tolerance for ambiguity; sense of humor; commitment to continued development as a career planning and placement professional. Application required.

Production Editor 960156. *Office of Public Affairs.* Requirements: high school education; proficiency in Quark Xpress, Aldus Freehand and Photoshop. Application required.

Senior Project Leader 960160. *Computing and Communications.* Requirements: high school education, some college; five years data-processing experience; proven ability to design, program and install major data-processing systems; proven ability to design, write and install mantis and Cobol; experience with Lotus notes; IBM mainframe and PC experience desirable. Application required.

Administrative Assistant 960161. *Career Center.* Requirements: high school education, some college; specialized secretarial and business training; knowledge of FIS; knowledge of University policies and procedures; ability to work under general supervision with responsibility for checking all work for accuracy and content; ability to grasp instructions, to meet changing conditions and to solve novel or problem situations; conscientious about neatness and order; excellent bookkeeping skills; shorthand optional. Application required.

Department Secretary 960162. *Alumni and Development Programs.* Requirements: high school graduate, some college; specialized secretarial and business training; three years general office experience, including word processing

experience; strong verbal and written skills; pleasant, professional manner with co-workers, volunteers and outside vendors; strong organizational skills and ability to apply these skills toward accomplishing multiple priorities with minimal supervision; willingness to work overtime as necessary. Application required.

Research Technician 960163. *Department of Biology.* Requirements: bachelor's degree; use of calculators and safe handling of biohazardous materials. Application required.

Systems Programmer II 960164. *Computing and Communications.* Requirements: bachelor's degree; two years experience in data-processing field. Application required.

CFU Accountant 960165. *Accounting Services.* Requirements: bachelor's degree in accounting and/or a certified public accountant; master's degree in business administration is a plus; several years of public accounting experience; excellent accounting skills; working knowledge of GAAP; three to five years fund accounting experience, preferably in a complex university environment; analytical mind with a high degree of intelligence and the ability to "think on his/her feet"; experience working with LANs and PCs; proficiency in word processing, spreadsheet and database management software; skill in using Focus is a plus; excellent interpersonal skills; service-oriented communicator who is accessible and a team player. Application required.

Manager, Accounting Systems 960166. *Accounting Services.* Requirements: excellent accounting skills; working knowledge of GAAP; several years of public accounting experience preferred; experience managing accounting and/or systems professions; three to five years fund accounting experience preferred; analytical mind with a high degree of intelligence and the ability to "think on his/her feet"; experience working in mainframe as well as in client-server networking environments; proficiency in word processing, spreadsheet and database management software; excellent interpersonal skills; self-motivation; driven by the need to succeed; possess the energy to devote the long hours necessary to achieve goals and objectives. Application required.

Senior News Editor 960168. *Office of Public Affairs.* Requirements: bachelor's degree, journalism or communications degree preferred; three to five years professional journalism experience preferred. Application required.

Accounts Payable Service Representative 960171. *Accounting*

Services. Requirements: high school education, some college; three semester hours of accounting or two years experience in accounting; college courses in business accounting preferred; working knowledge of routine office equipment, including PCs, calculators and typewriters; strong communication, organizational, verbal and alpha-numeric skills; use of discretionary judgment; word processing, spreadsheet and database experience highly desired; service-oriented; ability to participate as a team member on various projects to achieve the goals of Accounting Services. Application required.

Accounting Service Representative 960172. *Accounting Services.* Requirements: bachelor's degree; experience working with PCs; proficiency in WordPerfect, Focus, FIS and Lotus; ability to work independently, solve problems and participate on teams; strong analytical skills; excellent interpersonal skills; service-oriented communicator who is accessible and a team player with the ability to forge relationships and bring groups together on difficult accounting issues. Application required.

Payroll Services Representative 960173. *Accounting Services.* Requirements: equivalent of high school diploma and two years experience in bookkeeping, payroll, accounting or business; some college preferred; college course in business accounting preferred; working knowledge of routine office equipment, including PCs, calculators and typewriters; strong communication, organizational, verbal and alpha-numeric skills; use of discretionary judgment; word processing, spreadsheet and database experience highly desired; service-oriented; ability to participate as a team member on various projects to achieve the goals of Accounting Services. Application required.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a transfer request should contact the Human Resources Department of the medical school at 362-7197 to request an application. External candidates may call 362-7195 for information regarding application procedures or may submit a résumé to the human resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, MO, 63110. Please note that the medical school does not disclose salary

information for vacancies, and the office strongly discourages inquiries to departments other than human resources.

Histology Technician 960529-R. *Neurology.* Requirements: high school graduate or equivalent, some college course work in the sciences; ability to learn sectioning of tissue and embedding of tissue in parafin.

Medical Assistant I 960541-R. *Obstetrics and Gynecology.* Requirements: high school graduate or equivalent and medical assistant school; two years experience in a medical office setting preferred; working knowledge of anatomy, physiology, medical terminology and medical assistant techniques; interpersonal and organizational skills; ability to effectively communicate with patients, physicians and other staff members.

Staff Pharmacist 960573-R. *Internal Medicine, Barnard Cancer Center.* Requirements: registered pharmacist with a high standard of accuracy; experience with oncology patients preferred; I.V. therapy or chemotherapy experience.

Coordinator, Clinical Office 960589-R. *Obstetrics and Gynecology.* Requirements: associate's degree in business or related field with three years experience in an

office setting; knowledge of accounting, finance and marketing practices; effective communication and organization skills; ability to use discretionary judgment. Schedule: part-time position, 24 hours per week at Missouri Baptist Hospital.

Assistant, Patient Services 960593-R. *Obstetrics and Gynecology.* Requirements: high school graduate with two years related experience; ability to handle multiple tasks; effective communication, organization and interpersonal skills; working knowledge of computers and filing systems. Position located at Missouri Baptist Hospital.

Clerk II (scheduling, reception) 960594-R. *Obstetrics and Gynecology.* Requirements: high school diploma; one year secretarial experience preferred; working knowledge of computers, telephones and general office equipment; effective communication and interpersonal skills needed for clinical office setting. Position located at Missouri Baptist Hospital.

Sonographer 960595-R. *Internal Medicine, Cardiology.* Requirements: significant training in cardiac ultrasound, cardiac anatomy and echocardiographic methods and techniques; three years con-

tinuous experience performing ultrasound procedures.

Library Assistant 960606-R. *Library.* Requirements: high school graduate or equivalent; ability to work with deadlines and deal with public-service encounters; customer service-oriented.

Medical Transcriptionist 960617-R. *Neurology.* Requirements: excellent spelling, grammatical and organizational skills; ability to handle multiple tasks simultaneously; detail-oriented; typing 70 wpm with accuracy.

Clerk I 960623-R. *Internal Medicine, Dermatology Outpatient.* Requirements: high school graduate or equivalent; proficiency in alphabetical filing procedures; ability to work with limited supervision; detail-oriented. Schedule: as-needed basis between 8 a.m.-5 p.m. Mondays-Fridays.

Clerk II 960624-R, 960625-R. *Internal Medicine, Dermatology Outpatient.* Requirements: high school graduate or equivalent; demonstrated clerical skills; organizational and communication skills; ability to handle multiple tasks. Schedule: as-needed basis between 8 a.m.-5 p.m. Mondays-Fridays.

Elkin, Phillips nominated for award — from page 1

And before his publishing career began, he received two prestigious awards — the George Starbuck Fellowship, which is given to the Boston University graduate student considered "the best writer" in the creative writing program, and a \$10,000 Massachusetts Artist Foundation award for 10 pages of poems he submitted. Phillips also is a recipient of the 1993 Academy of American Poets Prize. He has published widely in journals, including the Kenyon Review, the Paris Review and the Yale Review, and in the "Best American Poetry" anthologies for 1994-96.

Phillips said "Cortège," which was published in September by Graywolf Press, is about the struggle between flesh and spirit and the search for substantial lasting joy in the sexual world. While the Library Journal described his works as "some of the most sensitive homoerotic poems to be found in contemporary literature," Phillips adds that his concern in "Cortège" is with "the erotic as it pertains to us all, regardless of sexual orientation."

Eric Pankey, poet-in-residence and director of Creative Writing Programs in Arts and Sciences, noted that most of the other poets nominated for the book award are "very well established and farther along in their careers."

"Carl Phillips' poems surprise a reader with the sensual ease of their sentences and the magnitude of their passions," Pankey said. "The classical and the confessional merge in these poems, and the gravity of the trauma and the vision they enact is a force to which the reader cannot help but be attracted."

Arts and Sciences faculty are becoming

a common sight on the list of National Book Critics Circle Award nominees. Last year, Gerald Early, Ph.D., now the Merle Kling Professor of Modern Letters and professor and director of the African and Afro-American Studies Program, won the award in the criticism category for "The Culture of Bruising: Essays on Prizefighting, Literature and Modern American Culture." His book "Daughters: On Family and Fatherhood," which chronicles the everyday challenges and triumphs of fatherhood, was a semifinalist for the National Book Critics Circle Award last year, making it to the final 10 in the memoirs category.

In 1985, William H. Gass, Ph.D., David May Distinguished University Professor in the Humanities and director of the International Writers Center in Arts and Sciences, won the National Book Critics Circle Award for the most distinguished work of criticism. He received the honor for "Habitations of the Word," a collection of essays on literature, philosophy and language.

The board of directors for the National Book Critics Circle Award nominates books. Five hundred book editors, critics and reviewers assist in the nomination process.

Other nominees in the fiction category are "Independence Day" by Richard Ford; "Galatea 2.2" by Richard Powers; "Moo" by Jane Smiley; and "The Tent of Orange Mist" by Paul West.

Other poetry nominees are "The Only World" by Lynda Hull; "Time and Money" by William Matthews; "A Scattering of Salts" by James Merrill; and "Kyrie" by Ellen Bryant Voigt.

—Deborah Parker

Dust grains hold key data — from page 1

giants cooled during expansion or when supernovae exploded, thus preserving the elemental and isotopic composition of their stellar sources. The red stars and supernovae each carry signature isotopic compositions that helped determine the grains' sources. Zinner, who is director of the McDonnell Center's Ion Microprobe Laboratory, said the ion probe data provide important information not available by astronomical observations.

"Finding that supernovae make grains in the first place has been exciting," said Zinner. "An added key finding is that our data on supernovae grains give convincing evidence that violent mixing of the ejecta took place during supernovae

explosions. The isotopic compositions of these grains are providing us with information that cannot be attained in any other way."

In the last eight years, Zinner and his Washington University colleagues have identified three types of interstellar grains: silicon carbide, titanium carbide and graphite. Other types of grains recently found include aluminum oxide and silicon nitride. By studying the isotopic compositions of these grains, researchers gain information on nucleosynthesis — the formation of the elements — in stars as well as on processes in interstellar space and the early solar system.

—Susan Killenberg

Campus Watch

The following incidents were reported to the University Police Department Jan. 22-28. Readers with information that could assist the investigation of these incidents are urged to call 935-5555. This release is provided as a public service to promote safety awareness on campus.

Jan. 22

8:18 p.m. — A student reported that a jacket, valued at \$55, was stolen from the Athletic Complex.

Jan. 23

8:43 p.m. — A transportation division employee requested police assistance while an illegally parked car was being towed from a parking lot near Eliot Residence Hall. A student became upset and engaged in a verbal confrontation with the ticket monitor and the tow-truck driver. The dispute was settled, and the student's car was released after the student paid a fee to the tow-truck company.

Jan. 24

10:10 a.m. — An employee reported that a wire to a security alarm at Blewett Hall had been cut between Jan. 20 and 24.

9:40 p.m. — A student reported that a male exposed himself to the student in Olin Library. The student described the suspect as being in his early 20s, 5 feet, 7 inches to 5-feet-10 in height, black, slender and with a shaved head.

Jan. 26

12:41 a.m. — Two empty beer kegs were stolen from the Umrathskeller. At 1:37 a.m. the same day, the two empty kegs were found outside a fraternity house.

Jan. 27

6:04 p.m. — An employee reported that three sets of keys to a Brown Hall projection room and two amplifiers, valued at \$1,410, were stolen.

10:56 p.m. — University police responded to a minor non-injury traffic accident on the east side of Wohl Student Center.