2-8-1990

Washington University Record, February 8, 1990

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Assembly Series topics range from photojournalism to men's issues

Four Assembly Series lectures will be presented on Feb. 14 and 15, covering topics that range from a photojournalist's viewpoint to men's changing roles. One of the lectures will be held in conjunction with the Cultural Celebration Week events on campus.

The Feb. 14 Assembly Series schedule brings to campus national and international photojournalist Mary Ellen Mark, Robert B. McKay, professor emeritus and former dean of the School of Journalism at the University of Missouri, and Professor Edward G. Weltin, who has served as the chief strategist and the chief of staff for the House of Representatives since 1976.

Featuring Art and Documentary Photography

Mary Ellen Mark, who has interviewed and photographed many of the world's most notable people, will speak at 11 a.m. in the Steinberg Hall auditorium. Mark earned a 1970 photo essay on Bombay brothels. Her other books include "The Sufferings of Children," which was published in 1979 and "Teresa's Missions of Charity." Her work includes writing and editing, and she has taught photography at the University of Missouri, the University of Arizona and the University of Washington.

Mark's work appears such publications as Life, Paris-Match, The Long View, The New York Times Magazine, Rolling Stone and many others. Her numerous professional honors include winning, on two occasions, the University of Missouri's top award for a feature picture story. She also is a recipient of the Canon Photo Essayist Award.

Legal ethics

McKay will deliver the Tyrell Williams Lecture at 4 p.m. in Graham Chapel. His talk is titled "The Rise of the Justice Industry and the Decline of Legal Ethics." McKay is the 1987 recipient of the prestigious Robert J. Kutak Award, which was established by the American Bar Association to honor outstanding contributions to the improvement of legal education and the legal profession.

Under McKay's leadership as dean from 1967 to 1975, the New York University School of Law achieved recognition as one of the nation's truly excellent schools. His influence beyond the law school includes writing "Reapportionment: The Law and Politics of Equal Representation" and successfully arguing a reapportionment case before the U.S. Supreme Court. He also chaired the New York State Special Commission on Attica, which investigated the 1971 prison revolt.

Magic and morality

Burns, professor of religion at the University of Florida, will give the Edward G. Welsh Lecture in Religious Studies at 8 p.m. in the Steinberg Hall auditorium. Burns, who authored the 1980 book "The Development of Augustine's Doctrine of Operation," will be assisted at the University by Edward A. Guinnis, Ph.D., senior research associate in the University's McDonnell Center for the Space Sciences, and Susan Slavney, system programmer.

Equipment to store and assemble the data has been funded by a W.M. Keck Foundation grant. The AVI group received a $500,000 grant from the W.M. Keck Foundation in January 1989 to deal with the anticipated glut of computer-generated data returning from space in the next decade. The Keck grant was matched by a 40 percent discount on equipment purchased by Digital Equipment Corp.

The new computer system is based on the Advanced Research Projects Agency's CRAY-XMP and CRAY-XMP II and the VAXStation 3520. The equipment also will help Arvidson and his team interpret and assemble the geoscience data from both the Magellan and Mars Observer missions so that detailed geological maps of the planets will be available to the scientific community.

In the summer of 1990, the NASA Geoscience Node Collaborative, together with the Jet Propulsion Laboratory, will produce CD-ROMs (compact disc-read-only memories), small plastic discs similar to music discs people place into their stereos or personal computers. The discs will hold data from the 1989 Geologic History and Resource Survey Field Experiment, an extensive airborne mapping of Death Valley and the Lunar Crater volcanic field in Nevada that Arvidson and colleagues from a number of institutions undertook in the summer of 1989. The scientist and his colleagues used equipment similar to equipment that will be used on the Magellan and Mars Observer missions.

"The information being collected and the new computer system is invaluable to a successful operation on Mars," the scientist says.

"We're proud to receive this designation by NASA and excited to be in the midst of the data explosion that space exploration in the 1990s will provide," says Arvidson; a member of the radar investigation group of NASA's Magellan Mission, an interdisciplinary scientist for the Mars Observer Mission and a NASA committee member to implement Soviet-American exchange of Mars data.

"President Bush has set the goal of landing people on Mars by approximately the second decade of the next century. The analysis of geoscience data about Mars will be invaluable to a successful operation on Mars," the scientist says.

"Laboratories at Brown University, Arizona State University, MIT, the University of Arizona and MIT, Rochester Institute of Technology and the Massachusetts Institute of Technology, the Lunar and Planetary Institute and NASA's Johnson Space Center will be "subnodes" to the Washington University Geoscience Data Node. Laboratories at each of these institutions will specialize in interpreting and storing various subsets of the data collected during planetary explorations. For instance, the MIT subnode will be responsible for microwave data; the Johnson Space Center in Houston will specialize in lunar samples, meteorites and cosmic dust collections.

"We expect to have one or two visiting scientists in residence at any given time. In short, we're planning an exciting decadelong planetary geoscience," says Arvidson.

Congressman Richard A. Gephardt, D-Mo., majority leader of the House of Representatives, will discuss "Trade and Competitiveness for the 21st Century" during a lecture at 11 a.m. Tuesday, Feb. 13, in Graham Chapel. The lecture, which is free and open to the public, is part of the University's Assembly Series.

Gephardt, who was the first Democrat to announce his candidacy for the 1988 presidency in February, has represented Missouri's Third District in Congress since 1976. On June 14, 1989, he was unanimously elected chairman of the Democratic Party in the House. In that role, he serves as the chief strategist and spokesperson for the Democratic Party in the House. He is chairman of the Task Force of Trade and Competitiveness, which advises the House leadership on international trade and economic policy.

"The congressman also is known for his leadership in the areas of tax reform, health care, agricultural policy and balancing the federal budget. He is founding chairman of the Democratic Leadership Council, which gets its moniker from the days he worked together in shaping democratic policies. For more information on the lecture, call 889-4620.
Negotiating salaries, other topics to be covered in career seminar

To help Washington University students and recent alumni hone the skills they need to craft a fulfilling career out of the business world, the Career Center and the Women's Center are hosting a five-session series beginning Feb. 12-15. The series will feature a variety of career development topics.

"Real World 101" offers advice on such topics as resume design, salary bargaining, crafting professional e-mails and networking. "Marketing Yourself" will focus on developing a personal brand. "Making Your First Job Count" will discuss personal budgets, employment compensation packages, credit, loans, investment options and taxes.

The next session, "Let's Do Lunch," will be held Tuesday, Feb. 13. Panelists such as lawyer, marketing consultant and Washington University alumnus Brian Copeland will give examples of successful career moves and warn of common pitfalls.

By Brian Copeland

Women's basketball team ranked limited eighth

Winners of a school-record 11 straight games, the women's basketball team has leaped to the top of the University Athletic Association standings and currently ranks among the elite programs in the nation.

Ranked eighth in the latest NCAA Division III national poll, the Bears, who are currently ranked among the nation's stingiest, ranking 32nd in points per contest, are 19-2 overall and 9-1 in the UAA.

"We need to continue playing at the top of our game," head coach Jerry Smith said. "We need to continue playing at the top of our game, and we need to be looking at the next game."

The Bears hope to continue their success in their next game at 1 p.m. in the Field House Gym on Feb. 11 against Principia College.

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Steven Boardman Staff Writer
Science and ideology in China is focus of four lectures

"Science and Ideology in China" will be the focus of a lecture series beginning Feb. 9 at Washington University.

All four lectures, which are free and open to the public, will be held from 5:30-5:30 p.m. in the Twisted Path Auditorium in Simon Hall.

The first lecture, titled "The Twisted Path: Lyssenbach and the Development of Modern Genetics in China, 1940-1966," will be given by associate professor of history at the State University of New York, Buffalo. A leading intellectual historian of 20th-century China, Scherer pioneered the study of the country's modern history of science and education.

Have you done something noteworthy?

Have you presented a paper? Won an award? Been named to a committee or elected an officer? Have you: Presented a paper? Won an award? Been named to a committee or elected an officer? Presented a paper? Won an award? Been named to a committee or elected an officer? Presented a paper? Won an award? Been named to a committee or elected an officer?

All notable achievements, including publication of a book, a user-friendly computer program in a major professional journal, or a noteworthy performance in a professional setting, are welcome. Please include a brief biography of yourself with a description of your noteworthy accomplishment. Send your contributions to p72245PP at WUVMC. Please include a phone number.

Introductions to new faculty

The Record is featuring a weekly series profiling new faculty members of the Hilltop and Medical campuses. The profiles will continue through the spring semester. The Record recently presented a paper titled "Narrativity in Music: Applications of Structuralist Thought to Musical Narration." He also is interested in the application of the American Musicological Society and the American Society for Musicology, both of which held in Austin, Texas. Jordan also presented a paper titled "Musical Discourse Analysis" at the same conference as part of a symposium on narrative theory.

Nurse Christine Mutharka dies at 45

Christine Mutharka, a nurse for Washington University's Health Services for nearly 13 years, died Jan. 30 at Barnes Hospital after a long illness. She was born in the United States.

Mutharka was the wife of a Peter Mutharka, J.S.D., professor of law at Washington University. A memorial service will be held at 10 a.m. Friday, Feb. 9, at Our Lady of the Pillar Catholic Church, 601 S. Lindbergh Blvd. Visitation services were held Feb. 2 at the Western Cemetery in St. Thomas, U.S.V.I., where Mutharka grew up.

Prior to joining Health Services in 1973, Mutharka, a native of St. John's, Antigua, was a nurse at St. Raphael Hospital in New Haven, Conn., and New York University Hospital. She also was an administrative assistant for the education department at the Red Cross Disaster Relief Program and the East African Medical Corps in Dar es Salaam, Tanzania.

A graduate of the St. Raphael School of Nursing in Bridgetown, Barbados, Mutharka graduated cum laude from Webster University, where she received her bachelor's degree in health administration in 1979. In addition to her husband, she is survived by two daughters, Mognique and Meyenda Mutharka; a son, Peter Mutharka, all of St. Louis. In lieu of flowers, the family has asked that memorial contributions be sent to the Ronald McDonald House at Barnes Hospital.

Musicology Series continues from p. 1

The Washington University Record will help staff members better understand the diversity of the School of Music, to which she contributed as a teacher and scholar. Jordan also was an associate professor of music at Ohio State University and an assistant professor of music at the University of North Carolina at Greensboro. In addition, Jordan has been a member of the American Society for Musicology, both of which held in Austin, Texas. Jordan also presented a paper titled "Musical Discourse Analysis" at the same conference as part of a symposium on narrative theory.

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CALENDAR
Thursday, Feb. 8
8:30 p.m. Film Series Presents The Washington University Dance Theatre; a matinee performance by faculty, students and alumni. (Also Sat., Feb. 10, and Sun., Feb. 11, at 2 p.m. Edison Theatre. Cost: $8 for general public, $5 for senior citizens and WU students, faculty and staff. For more info., call 889-6543.

Wednesday, Feb. 14
11 a.m.-1:10 p.m. Annual Culturel Celebration Lecture, "The Unfishing Eye: A Photographic Essay," Mary Ellen Mark. In mid-week seminar, she will show and comment on her documentary photographs. May Aud., Simon Hall. For more info., call 890-4653.

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Music
Tuesday, Feb. 13
8 p.m. John W. Reps, author of "Mississippi River Metropolis: A Pictorial History of St. Louis," presents a slide presentation and discussion at 3 p.m., at the St. Louis Art Museum. Admission is free.

Wednesday, Feb. 14
3:30-5 p.m. The Arts and Sciences Brandeis U. Mallinckrodt Lecture, "SAM: From Early Man to the Modern," Robert B. McKay, professor of law emeritus and former dean, and C02," Maureen Raymo, associate scientist, SIO.

Thursday, Feb. 15
11 a.m.-1 p.m. Noon Seminar, "Recent Advances in SPECT: A Nuclear Medicine Imaging Technology," John W. Reps, author of "Mississippi River Metropolis: A Pictorial History of St. Louis," presents a slide presentation and discussion at 3 p.m., at the St. Louis Art Museum. Admission is free.

SPORTS
Saturday, Feb. 11
1:10 p.m.-12:30 p.m. Society of Professors Emeriti Luncheon Meeting, "The South American Economic Challenge and the Emergencies of Economics," Whitney House. For more information, call 889-5579.

Friday, Feb. 16
8:30 p.m. Hillel Foundation Lecture, "A Monk's Guide to Love: The Writings of Thomas Merton," sponsored by the University's Department of English, in Steinberg Hall. Admission is free.

Saturday, Feb. 17
7 p.m. John W. Reps, author of "Mississippi River Metropolis: A Pictorial History of St. Louis," presents a slide presentation and discussion at 3 p.m., at the St. Louis Art Museum. Admission is free.

19th-century view of St. Louis
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For more information on the