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RECORD

Vol. 9 No. 21/Feb. 23, 1984

\$5 million boosts McDonnell brain center

A gift of \$5 million from the James S. McDonnell Foundation to the McDonnell Center for the Studies of Higher Brain Function at WU's School of Medicine recently was announced by Chancellor William H. Danforth.

Headed by Sidney Goldring, the McDonnell Center for the Studies of Higher Brain Function was created in 1980 through a gift of \$5.5 million from the James S. McDonnell Foundation. The foundation was established by the late James S. McDonnell, aerospace pioneer and founder of the McDonnell Douglas Corporation. The new \$5 million gift is part of the Alliance for Washington University, a \$300 million program to provide support for the institution.

The center was created to focus on interdisciplinary research of the brain, including investigating the structure, organization and function of the brain's component parts, employing new technologies to study the brain with non-invasive methods, and recruiting neuroscientists for areas not staffed at the University.

Samuel B. Guze, vice chancellor for medical affairs, said, "There exists at this University an exceptional

degree of expertise in the neurosciences. We have been on the forefront of modern neurophysiological research since two of our faculty, Joseph Erlanger and Herbert Gasser, received the Nobel Prize in 1943 for their work on nerve impulses."

Today, the School of Medicine has 67 laboratories in 14 departments devoted to research on the nervous system. Most recently, \$5 million from the James S. McDonnell Foundation created the Center for Cellular and Molecular Neurobiology under the direction of Gerald D. Fischbach, Edison Professor of Neurobiology and head of the department of anatomy and neurobiology.

"The late James S. McDonnell and the foundation he established have shown extraordinary commitment and foresight regarding the importance of the neurosciences. This additional support for the work of Dr. Goldring and his colleagues will strengthen Washington University's scientific effort to understand better the higher function of the human brain," said Chancellor Danforth.

Sidney Goldring is professor and
Continued on p. 2

Sonnenwirth receives national clinical microbiology award

Alexander C. Sonnenwirth, a professor in the departments of microbiology and immunology and of pathology at the School of Medicine, is the winner of the 1984 Becton-Dickinson and Company Award in Clinical Microbiology.

The award, which is given to honor a distinguished microbiologist whose outstanding research accomplishments — clinical and nonclinical — have led to or formed the foundation for important applications in clinical microbiology, consists of a

\$1,000 prize and a plaque.

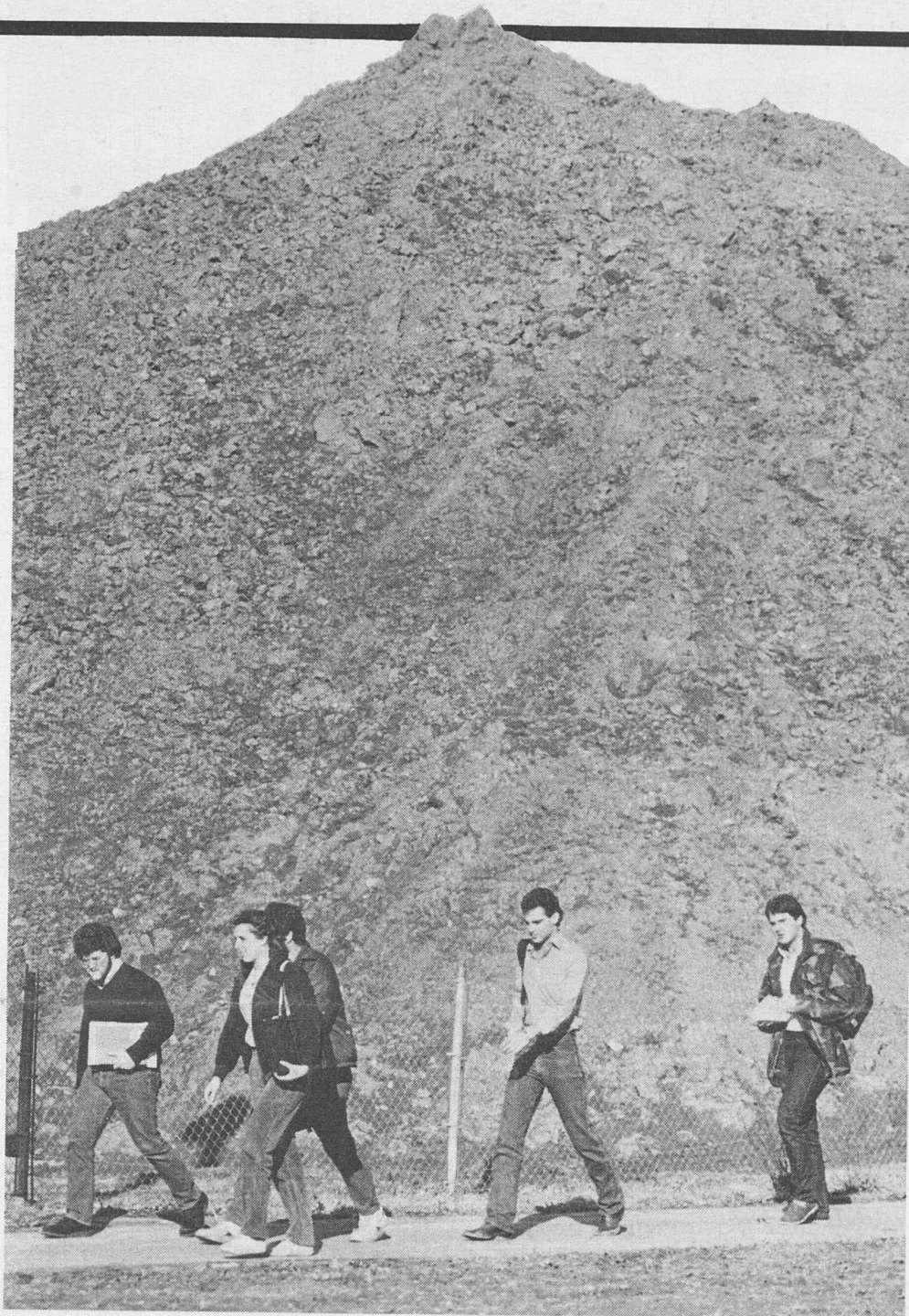
The award will be presented to Sonnenwirth on Sunday, March 4, at the 84th annual meeting of the American Society for Microbiology (ASM) in the grand ballroom of the Clarion-St. Louis Hotel. Robert P. Williams, president of ASM, will present the award.

A native of Romania, who survived a Nazi concentration camp during World War II, Sonnenwirth emigrated to the United States with a scholarship to the University of Nebraska, where he received his AB in bacteriology in 1950. After he earned an MS degree from Purdue University in 1953, Sonnenwirth was appointed assistant director of the Division of Microbiology at Jewish Hospital in St. Louis. In 1955 he became director of the division, a position he still holds. He was awarded his PhD in bacteriology from WU in 1960.

Sonnenwirth has been a leader in the isolation and identification of pathogens and in the interpretations of laboratory findings for clinicians. He is an acknowledged international expert on gram-negative anaerobic bacteria and on the application of automation in clinical microbiology. He is a consultant to the Centers for Disease Control and the Food and Drug Administration. He is a fellow of the American Academy of Microbiology.



Alexander C. Sonnenwirth



Mount Washington?

A man-made mountain of earth towers over passers by as the result of construction of the new facilities for the School of Business and Public Administration. In recent weeks, this giant pile of dirt has become a campus landmark although it's less ornate and dignified than another University landmark — the arch of Brookings Hall.

Fuentes recollects Chilean memories

Carlos Fuentes, Mexican novelist, critic and diplomat, and WU Visiting Professor of Literature and History for the spring semester, will deliver the Assembly Series lecture at 11 a.m. Wednesday, Feb. 29, in Graham Chapel. His topic is "Chile, A Memory."

The lecture, which is free and open to the public, also is sponsored by the Campus Bookstore, Department of History, Literature and History Programs, and Department of Romance Languages.

Fuentes returns to the University after having served as Lewin Lecturer in the Humanities last April. This semester he is delivering a series of lectures, "The Latin American Novel in Historical Perspective," Thursday evenings through April 26.

The son of a career diplomat, Fuentes grew up in several Western and South American capitals. He was

educated in the law and served in several Mexican diplomatic posts during the 1950s, the last as director of international cultural relations, Ministry of Foreign Affairs, in Mexico City, 1956-59. He was well-established as a writer when he became Mexican ambassador to France in the mid-1970s.

His first book was published in 1960 in English under the title *Where the Air is Clear*. Set in 1951, the novel delves into Mexico's revolutionary past with flashbacks and cinematic techniques. *The Death of Artemio Cruz*, published four years later, again traced the disintegration of revolutionary ideals in modern Mexico. This book established Fuentes' international reputation. Among his other novels are *A Change of Skin* (1967) and *Terra Nostra* (1975).

A journalist and editor as well, Fuentes also has written a half-dozen movie scripts and has collaborated with Spanish film director Luis Bunuel.



Handel's "Orlando," the centerpiece of WU's Baroque Festival presented in February 1983, will encore at 1 p.m. Sunday, Feb. 26, on KWMU-FM 91, the National Public Radio affiliate at the University of Missouri-St. Louis. "Orlando" is the first opera in St. Louis to have been recorded digitally, using the Sony PCM F1. The orchestra, which included WU musicians and Toronto's Tafelmusik, performed on authentic period instruments.

Two Edison operas focus on supernatural

Two operas, Henry Purcell's "Dido and Aeneas" and John Carlo Menotti's "The Medium," will be presented at 8 p.m. Feb. 23-26 in Edison Theatre. A matinee will be performed at 2 p.m. Saturday, Feb. 25.

The University's Performing Arts Area and the Department of Music will present the productions, which feature students enrolled in the Opera Workshop class and area artists.

Nicholas McGegan, visiting artist-in-residence in the music department, will direct "Dido and Aeneas." The opera, based on Virgil's Book IV of the Latin epic "The Aeneid," depicts Aeneas' journey to Carthage and his love affair with Dido. Soprano Christine Armistead and University senior Tom Oesterling will play the title roles. The opera's libretto was written by Nahum Tate.

"The Medium" is directed by Joseph R. Roach Jr., chairperson of the Performing Arts Area. Written in 1946, the opera centers on the clairvoyant Madam Flora and the mute Toby, who becomes both the target of Flora's hatred and the object of her daughter's love. WU students Judy Cline, Doug Brandt and Denise Finneran will portray key characters in the production.

Mary Henderson, artist-in-residence in the music department, is the vocal coach for both operas. Pianist B.J. Clutter will provide accompaniment.

According to Roach, the operas are being performed together because they are linked thematically. "Each presents the personification of psychological drives by supernatural forces," he said.

The operas will be presented on an intimate scale in that the theatre stage will be adapted to accommodate both performers and audience.

Senior Scott Blake designed the sets, which incorporate a number of images projected onto screens. Blake shot the slides to be used in "Dido and Aeneas" from volumes in Olin Library's Department of Rare Books and Special Collections. Also, he designed the slide projections for "The Medium."

Mary Jean Cowell, associate professor of dance, choreographed "Dido and Aeneas" based on period movements. Technical director for both operas is Kevin Flynn. David Kruger is lighting designer and Donna Keese has designed 32 costumes for the double bill.

General admission is \$8. Admission for WU faculty and staff, and students is \$5. For the opening night and Saturday matinee performances, night and Saturday matinee performance admission for all students will be \$4.

For information, call the box office at 889-6543.

Postdoctoral grants to Spain available

Applications are available for the Fulbright Scholar Awards administered by the Council for International Exchange of Scholars. The awards, which include lecturing, research, junior lecturing and junior research awards, may be held for three to nine months. For more information, contact Ruth Iyob, Office of International Studies, at 889-5958.

Research round table reviews indirect costs issue

Chancellor William H. Danforth will participate in an informational round table discussion on "The University Researcher and the Indirect Cost Issue" at 5 p.m. Sunday, March 4, at the 84th annual meeting of the American Society of Microbiology (ASM).

The round table, which is sponsored by ASM's Public and Scientific Affairs Board, will be held in the Convention Plaza Ballroom of the Sheraton St. Louis Hotel, 910 North Seventh St. It will focus on the national debate on the indirect cost of institutional research, and is intended to clarify the thorny aspects of the working relationship between investigators, department chairpersons,

deans and others.

Other round table participants include: Thomas Blumenthal, professor of biology, Indiana University; Marvin Ebel, associate dean of graduate administration, University of Wisconsin; Harlyn Halvorson, director of the Rosenstiel Basic Medical Sciences Research Center, Brandeis University; Henry Kirschenmann, deputy assistant secretary of the Office of Procurement Assistance and Logistics, Department of Health and Human Services; and Fred Rapp, professor and chairman of the Department of Microbiology, The Pennsylvania State University.

Insomniacs salvage sleep with bedtime habit changes

WU psychologists have completed a two-year study which indicates that a brief behavioral and non-drug treatment can be effective in alleviating the symptoms of insomnia.

The research was conducted by Patricia E. Lacks, associate professor of psychology, and Amy D. Bertelson, senior clinical associate in psychology and director of the Psychological Service Center.

Volunteer participants in the program have reported a 50- to 60-percent improvement in the time it took them to fall asleep, and the nights that they suffered from insomnia fell from six to two nights a week.

Many of these participants have suffered from severe chronic insomnia for the past 20 years. They have reported that they have been able to maintain the sleep improvements one year after completing treatment. The researchers used a behavioral treatment called stimulus control, which is intended to change presleep and bedtime habits. Participants met in small groups for one hour a week for four weeks.

Bertelson and Lacks are continuing their research on the behavioral treatment of insomnia, and treatment is available for volunteers who want to participate in the program. A small administrative fee will be charged.

For more information, call the Department of Psychology at 889-6386.

Brain—continued from p. 1

head of neurological surgery and co-head of the Department of Neurology and Neurological Surgery. He also serves as neurosurgeon-in-chief at Barnes and Children's hospitals.

The center has accomplished much since its founding three years ago. Five senior McDonnell neuroscientists have been appointed, and to

date their efforts have resulted in 46 papers which have been published. Two McDonnell Fellows have been appointed.

The 1982 Conference on the Biology of Memory launched the McDonnell Conferences on Higher Brain Function. Conference participation was international in scope and featured Nobel Laureate David H. Hubel. The purpose of these conferences is to bring periodically together the world's leading scientists to discuss a topic relevant to the center's goals.

RECORD

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Francis Gym hours change

Francis Gymnasium will close one hour earlier beginning March 1. The gymnasium will be open from 9 a.m. to 10 p.m. weekdays and 8 a.m. to 10 p.m. weekends.

The change in hours is a result of better weather conditions for outdoor activities and the close of the basketball season, according to Christopher L. Gianoulakis, a coach in the Department of Athletics.

NOTABLES

Gerald D. Bolas, director of the WU Gallery of Art, and **Tobias Lewin**, a 1932 WU alumnus, will be featured on KETC-TV, Channel Nine's "St. Louis Skyline" at 9:30 p.m. Tuesday, Feb. 28. Bolas and Lewin will discuss "The Beautiful, The Sublime, and The Picturesque: British Influence on American Landscape Painting," an exhibition funded by Lewin and currently on display at the WU Gallery of Art.

Charles D. Churchwell, dean of Library Services, has been elected to a five-year term as vice president of the board of directors of the Council on Library Resources. An active member of the council, Churchwell has been a member of its board since 1976. He has been involved with several of the organization's programs, most notably the Academic Library Administrative Internship Program.

Mark A. Green, a research associate in radiology at the Mallinckrodt Institute of Radiology, spoke on "Silylimines as Chelating Agents for the Preparation of Gallium and Indium Radiopharmaceuticals" for a meeting of the Missouri Valley Chapter of the Society of Nuclear Medicine, Sept. 24-25, in Omaha, Neb.

William Gass, David May Distinguished University Professor in Humanities and professor of philosophy, will have an article in the Summer 1984 issue of the French magazine, *Delta*. The entire issue will be devoted to **Stanley Elkin**, Merle Kling Professor of Modern Letters and professor of English. Gass also will have articles in coming issues of the following magazines: *Vogue*, *Harper's*, *Esquire* and *Antaeus*, a literary magazine. Gass lectured in December at the Congress of Teachers of English and American Literature in Madrid, Spain, on "Tropes of the Text." In early March, he will address the Alaska Humanities Forum in Anchorage, Alaska.

David Giusiana, a senior in the School of Architecture, recently placed fourth in the 1983 Student Design Competition sponsored by the Society of American Registered Architects. Giusiana designed a municipal services center for the city of New Orleans.

Daniel R. Mandelker, Howard A. Stamper Professor of Law, will speak this winter and spring at a conference of the Iowa Chapter of the American Planning Association (APA) in Des Moines and at a workshop on land use law in San Francisco. He also will speak at a New England land use conference in Boston. He currently is co-chairing a task force of the APA which is developing the association's environmental policy. Adoption of the policy is expected at the APA's annual conference in May in Minneapolis, Minn.

Glenn Leland Melson, professor of radiology at the Mallinckrodt Institute of Radiology, spoke on "Efficient Three-Dimensional Surface Reconstruction From Real Time B-Mode Sonograms" at the annual meeting of the American Institute of Ultrasound in Medicine on Oct. 19 in New York City. Melson also spoke on "Imaging Evaluation of Renal Infections" at a meeting of the Greater St. Louis So-

ciety of Radiologists on Sept. 20 and at a guest lectureship on Oct. 21 at the University of Vermont in Burlington.

Gilbert H. Nussbaum, assistant professor of radiation physics in radiology at the School of Medicine, has been appointed an associate director of the Hyperthermia Foundation, a private, non-profit, charitable organization supporting research in clinical hyperthermia. Nussbaum also has been appointed to the newly formed hyperthermia committee of the American Association of Physicists in Medicine, and to the hyperthermia subcommittee of the Radiation Research Society.

Barbara S. Rea has been appointed to the newly created position of coordinator of communications and special projects in WU's Library Services. Rea formerly was an account executive with a public relations firm in St. Louis. She is a graduate of The Lindenwood Colleges in St. Charles, Mo.

Barry A. Siegel, professor of radiology and director of the Mallinckrodt Institute of Radiology's Division of Nuclear Medicine, has been appointed an American Medical Association (AMA) representative on the Residency Review Committee for Nuclear Medicine. The committee, which is comprised of representatives from both the AMA and the American Board of Nuclear Medicine, plays an important role in maintaining the quality of graduate medical education in the speciality of nuclear medicine. Siegel's two-year term began Jan. 1.

Stan Strembicki, photography lecturer in the School of Fine Arts, exhibited his photography in January and early February in a one-man show at the Carol Shapiro Gallery, 329 N. Euclid Ave.

Kurt H. Studt, assistant professor of oral diagnosis and radiology at the School of Dental Medicine, is a member of the U.S. Air Force Reserve. He recently was promoted from lieutenant-colonel to colonel.

Bert Vander Mark, assistant professor of art in graphic communications, is exhibiting works in photography, oil pastel and mixed media works on paper in "A Sunset Row" through March 16 at Mark Twain National Bank, 8820 Ladue Road. For hours, call 645-5900.

William H. Wibbing has joined WU's Library Services as acquisitions librarian. Wibbing previously held the same position at the University of Missouri-St. Louis Libraries. A WU alumnus, Wibbing is a member of the American Library Association and the Beta Phi Mu Library Honors Society.

Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected an officer of a professional organization? The *Washington University Record* will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and encouraged. Send a brief note with your name, position, department and activity to Notables, Campus Box 1142. Please include a phone number where you can be reached.



Like father, like son — Ronald G. Evens, Elizabeth E. Mallinckrodt Professor of Radiology and head of the Department of Radiology, places the Omicron Delta Kappa (ODK) pin on his son Ronald G. Evens Jr., a senior majoring in business, who recently was initiated into the national leadership honorary. Professor Evens was initiated into ODK in 1960. The honorary recognizes high achievement in scholarship, athletics, service and government activities. Peter H. Ruger (center), WU's general counsel and ODK's advisor, said it was the first father/son tradition in the fifty years the chapter has been on campus. Evens Jr. also is a member of Thirteen Junior Mens' Honorary, Senior Council and president of Sigma Alpha Epsilon.

Biomedical grants available

The WU School of Medicine expects to receive new Biomedical Research Support Grant (BRSG) funds by April 1 from the National Institutes of Health (NIH).

Applications are being accepted now and must be received by March 1 for awards covering the period April 1, 1984, through March 31, 1985. The BRSG Advisory Committee, chaired by Stuart A. Kornfeld, professor of internal medicine, is responsible for reviewing and making decisions on all applications for support from individual faculty members.

Investigators seeking BRSG support must prepare a grant application, including a budget page for equipment and consumable supplies. The application should be similar in format to that used to apply for individual research support from the

NIH. It should be less than five pages, and accompanied by a letter from the department chairman indicating departmental knowledge and approval. The cover letter and application should be sent to M. Kenton King, dean of the School of Medicine.

Preference will be given to pilot research projects that will explore new research ideas and test their validity, and then provide preliminary findings that could be used as the basis for research project grant applications. Funds will not be allowed for salary support of the applicant or for any technical assistance, and grants will not exceed \$10,000. Young investigators new to the medical school are especially encouraged to apply.

For more information, call Stuart A. Kornfeld at 362-3650.

\$1.8 million sought by arts council

Between February and April, the Arts and Education Council of St. Louis will be conducting its annual fund drive to raise \$1.8 million to help cultural and educational agencies in the community.

Seven agencies will receive a major portion of the 1984 funds: KETC-TV, Channel Nine; Mark Twain Summer Institute; Dance St. Louis; Opera Theatre of St. Louis; the Repertory Theatre of St. Louis; the St. Louis Conservatory and Schools for the Arts (CASA); and Young Audiences.

Individuals who give \$15 or more will receive a monthly calendar of cultural events, and gifts of \$100 or more will receive matching grants from the Seven-Up Company, the Kroger Company and Target Stores. All contributions are tax deductible.

"The University community has always given generously to the Arts and Education fund drive," stated Chancellor Danforth in a letter to WU employees. "It is a way of insuring the vitality of cultural oppor-

tunities available to us here in St. Louis."

The council, which was founded in 1963, is a federation of 163 cultural and educational organizations in St. Louis.

Contributions can be mailed to: Arts and Education Fund, P.O. Box 17010T, St. Louis, Mo. 63178. The University does not have a payroll deduction plan for this fund drive, but gifts can be charged on Master Card or American Express or a monthly pledge plan can be set up by the council. For more information call 367-6330.

Student graduation speaker sought

Seniors graduating in May who are interested in the student speaker competition for Commencement 1984 should attend the informational meeting on Monday, Feb. 27, at 3:30 p.m. in the North Brookings conference room.

For more information, call Harriet Switzer, secretary to the WU Board of Trustees, at 889-5105.

CALENDAR

Feb. 23-March 3

Thursday, Feb. 23

11 a.m.-1 p.m. Struggle for Oppressed Jewry Group Presentation. "International Student Solidarity for Soviet Jewry." Mallinckrodt Center.

Friday, Feb. 24

5:45 p.m. Hillel Shabbat Dinner and Services. Reservation deadline for dinner is Feb. 23. Members \$3.50; non-members \$4.50. For reservations, call 726-6177. Hillel House, 6300 Forsyth Blvd.

7 p.m. Hillel's Graduate Group Potluck Shabbat Dinner. Admission \$3 or bring a dairy dish. For location and info., call 726-6177.

9 p.m.-1 a.m. The Gargoyle Committee's Mardi Gras Party. The Gargoyle, Mallinckrodt Center.

Saturday, Feb. 25

9 a.m. Hillel Foundation Minyan Service. Hillel House, 6300 Forsyth Blvd.

Sunday, Feb. 26

6 p.m. Interdenominational Vesper Service with Paul MacVittie, dir., WU Protestant Center. Graham Chapel.

Friday, March 2

12:30 p.m. Woman's Club of Washington University Mini-Luncheon and Panel. "Very Interesting Women Among Us." The cost is \$2 for members; \$3 for members' guests. Babysitting available. Reservation deadline is Feb. 27. Call Coreen Motard at 645-2022 or Helene Rode at 993-8771. Stix International House, 6470 Forsyth Blvd.

LECTURES

Thursday, Feb. 23

11 a.m. Higher Education in Europe Information Session. Marc Lee, program dir., meets with students interested in studying in England or Scotland. Stix International House, 6470 Forsyth Blvd.

11 a.m. Gastroenterology Visiting Professor Program Lecture. "Gastric Secretion and Motility After the Meal: An Integrated Picture." Juan R. Malagelada, prof. of medicine, Mayo Medical School, Mayo Clinic, Rochester, Minn. W. Pavilion Amphitheater, Barnes Hosp. Plaza.

1:10 p.m. George Warren Brown School of Social Work Colloquium. "Foster Parent Length of Tenure: Testing a Causal Model." Susan Downs, WU doctoral candidate in social work. Brown Hall Lounge.

3 p.m. Action for Peace Symposium. "Issues in Foreign Affairs: China." William Kirby, WU asst. prof. of history. Brown Hall Lounge.

4 p.m. Action for Peace Symposium. "Issues in Foreign Affairs: Latin America." Evelyn Hu-DeHart, assoc. prof. of history. Brown Hall Lounge.

4 p.m. Public Affairs Thursday Lecture Series. "The St. Louis School Desegregation Case: A New Opportunity." D. Bruce La Pierre, WU prof. of law. C & D 200 Eliot.

4 p.m. Department of Chemistry Lecture. "Structure of the Liquid-Vapor Interface of a Metal." Stuart Rice, Hixon Distinguished Service Professor, U. of Chicago. 311 McMillan Lab.

4 p.m. Department of Anthropology Colloquium. "Equilibrating Economic Relationships." Stuart Plattner, assoc. prof. and chairman, Dept. of Anthropology, UMSL. 101 McMillan.

4 p.m. Department of Earth and Planetary Sciences Seminar. "High Spectral Resolution Remote Sensing of the Earth: Geobotanical Application." Barry Rock, research scientist, Jet Propulsion Lab. (Also sponsored by the Dept. of Biology, McDonnell Center for the Space Sciences and the Mo. Botanical Garden.) 112 Wilson.

7 p.m. Action for Peace Symposium. "Strategies for Change: A Nuclear Weapons Freeze." Ken Schectman, St. Louis Committee for Nuclear Weapons Freeze. Women's Bldg. Lounge.

8 p.m. Department of History Lecture. "Creole Nations." Carlos Fuentes, WU Visiting Professor of Literature and History. Steinberg Aud.

8:30 p.m. Action for Peace Symposium. "Individuals and Social Change," a panel discussion. Women's Bldg. Lounge.

Friday, Feb. 24

Noon. Action for Peace Symposium. "Media Coverage of the Arms Race." Speakers from the St. Louis Post-Dispatch, Riverfront Times, and KWMU. Lambert Lounge, Mallinckrodt Center.

3 p.m. Action for Peace Symposium. "Forum on Presidential Candidates' Position on Defense Issues." Busch 100.

3 p.m. Department of Music Lecture Series. "Music of the Haitian Dance Trance." Bernie Dunlap, WU doctoral candidate in music education. Blewett B-9.

8:30 p.m. Hillel Foundation Panel Discussion. "Jewish Biomedical Ethics." Aaron Hendin, a physician; Maxine Stein, dir. of Lutheran Hospital's Hospice Clinic, and a rabbi. Hillel House, 6300 Forsyth Blvd.

Monday, Feb. 27

3 p.m. Center for Biotechnology Seminar. "Ethanol Production in Fluidized Bed Fermenters." Charles D. Scott, Oak Ridge National Labs. 101 Lopata.

4 p.m. Department of Psychology Colloquium. "Twins, Personality and the National Merit Scholarship Qualifying Test." Gregory Carey, WU asst. prof. of medical psychology in psychiatry. 102 Eads.

4 p.m. Department of Education Colloquium. "Search for a Paradigm." Louis Smith, WU prof. of education; Arthur Wirth, WU prof. of education; Mimi Herman and Sunny Pervil, both WU graduate students in education; Lloyd Klinedinst, WU lecturer in education, and Carol Klass, WU graduate students 217 McMillan.

Tuesday, Feb. 28

4 p.m. Department of Physics Colloquium. "Optical Properties of a Small Particle Composite." Kevin Cummings, Ohio State U. 201 Crow.

7 p.m. Newman Center Seminar on Marriage. "Marriage: A Catholic Perspective and Summary." Sister Margaret Marie Vitt, St. Louis U. graduate student; Steve and Anne Karasek and Brother Robert Botthof. Newman Center, 6352 Forsyth Blvd.

8 p.m. School of Architecture Charles Eames Lecture. "Architecture and the Social Contract: Utopias of the Public Realm from Rousseau to the Revolution." Anthony Vidler, prof. of architecture, Princeton U. Steinberg Aud.

Wednesday, Feb. 29

11 a.m. Assembly Series Lecture. "Chile, A Memory." Carlos Fuentes, WU Visiting Professor of Literature and History. (Also sponsored by the Dept. of History, Campus Bookstore, Literature and History Programs, and Department of Romance Languages.) Graham Chapel.

3:15 p.m. School of Law Judicial Lecture/Demonstration Series. "Appellate Argument." Judge Theodore McMillan, U.S. Circuit Court, 8th Circuit. Mudd Courtroom.

4 p.m. Department of Physics Colloquium. "Does the Moon Feel the Same Force as the Apple?" P.K. Kabir, Dept. of Physics, U. of Va. 204 Crow.

Thursday, March 1

12:10 p.m. Gallery of Art Talk. "British Landscape Painting." Joseph E. Ketner II, curator and registrar, WU Gallery of Art. Upper gallery, Gallery of Art.

1:10 p.m. School of Social Work Thursday Lecture Series. "Racism, Sexism and Classism." Brenda Mamon, St. Louis Abused Women Support Project. Brown Hall Lounge.

2:30 p.m. Department of Mechanical Engineering Colloquium. "A Viscometric Study of the Gelation Phenomenon for Polymer Solutions." Eric F. Matthys, research asst., Cal. Tech. 100 Cupples II.

3:30 p.m. Center for the Study of American Business Public Choice Workshop. "Forecasting Policy Decisions: An Expected Utility Approach." Bruce Bueno de Mesquita, chairman, Dept. of Political Science, U. of Rochester. 300 Eliot.

Friday, March 2

2 p.m. McDonnell Lab. for Psychical Research Seminar Series. "(British) Society for Psychical Research Centenary Census: The ESP Test." Michael A. Thalbourne, research assoc., McDonnell Lab. 117 Eads.

6 and 8:30 p.m. WU Association Film Lecture. "Head for the Hills (A World Ski Adventure)." John Jay, filmmaker. Graham Chapel. For ticket info., call 889-5122.

Saturday, March 3

11 a.m. Saturday Seminar Series. "Orwell, Personality and Social Control." Lee Robins, WU prof. of sociology in psychiatry. Sponsored by the Master of Liberal Arts Program and University College. Ann Whitney Olin Women's Bldg. Lounge.

MUSIC

Friday, Feb. 24

8 p.m. Department of Music Undergraduate Clarinet Recital with Janet Scannell. Ann Whitney Olin Women's Bldg. Lounge.

Sunday, Feb. 26

6:30 p.m. Wind Ensemble and Chamber Winds in Concert. St. Louis Art Museum, Forest Park. General admission is \$2; WU students and senior citizens, \$1.

Tuesday, Feb. 28

8 p.m. Department of Music Medieval Concert featuring WU visiting artists Wendy Gillespie, viols, and Paul Elliott, tenor. Stix International House, 6470 Forsyth Blvd. For more info., call 889-5581.

Wednesday, Feb. 29

8 p.m. WU Jazz Ensemble Concert. The Gargoyle, Mallinckrodt Center.

8 p.m. Department of Music Baroque, Flute and Recorder Graduate Recital with Jim Harris. Graham Chapel.

Thursday, March 1

8 p.m. Department of Music Collegium Musicum Concert directed by Wendy Gillespie and Paul Elliott, both WU visiting artists-in-residence. Graham Chapel.

PERFORMANCES

Thursday, Feb. 23

8 p.m. The Performing Arts Area and the Department of Music present two operas. "The Medium" and "Dido and Aeneas" at Edison Theatre. (Also at 8 p.m. Feb. 24, 25 and 26, and at 2 p.m. on Feb. 25). General admission is \$8; WU faculty, staff, students and area students \$5. Tickets for WU students for the Feb. 23 performance and for the Feb. 25 matinee are \$4. For more info., call 889-6543.

Saturday, Feb. 25

8 p.m. Acme Theatre/Hillel Foundation presents "The Dybbuk." (Also Feb. 26 and March 1, 3 and 4, same time.) General admission is \$5; students \$3.50. For more info., call 726-6177. Hillel House, 6300 Forsyth Blvd.

EXHIBITIONS

"The Beautiful, The Sublime and The Picturesque: British Influences on American Landscape Painting." Through April 8. Gallery of Art, upper gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

"Life and Land in 19th-Century Europe." Through April 22. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

"Cubists, Expressionists and Surrealists." Through April 22. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

"Picasso." Through March 4. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

"Ex Libris," an exhibition of books from the libraries of notable literary and historical figures. Through March 23. Special Collections, Olin Library, 5th level. Open weekdays, 8:30 a.m.-5 p.m.

"High School Art Competition." Through Feb. 29. Bixby Gallery. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

"Lithography and the 19th-Century Medical Book." Through May 11. Medical Library Annex, 615 South Taylor. Open weekdays, 8:30 a.m.-5 p.m.

"Edison Theatre — A Decade of Opening Nights." Through April 1. Olin Library, third level. Open regular library hours.

FILMS

Thursday, Feb. 23

7 and 9 p.m. WU Filmboard Series. "That Obscure Object of Desire." \$2. Brown Hall Aud.

Friday, Feb. 24

8 and 9:45 p.m. WU Filmboard Series. "Atomic Cafe." \$2. Brown Hall Aud. (Also Sat., Feb. 25, 8 and 9:45 p.m., and Sun., Feb. 26, 8 p.m. Brown.)

11:45 p.m. WU Filmboard Series. "China Syndrome." \$1.50. Brown Hall Aud. (Also Sat., Feb. 25, 11:45 p.m., and Sun., Feb. 26, 9:45 p.m., Brown.)

Monday, Feb. 27

7 and 9:30 p.m. WU Filmboard Series. "Henry V." \$2. Brown Hall Aud. (Also Tues., Feb. 28, same times, Brown.)

Wednesday, Feb. 29

7 and 9 p.m. WU Filmboard Series. "Walkabout." \$2. Brown Hall Aud. (Also Thurs., March 1, same times, Brown.)



The men's basketball team will finish their season on Thursday, Feb. 23, with a game against Maryville College in Francis Gym. The women's basketball season will end two days later with a game against Milliken University in Francis Gym.

SPORTS

Thursday, Feb. 23

7:30 p.m. Men's Basketball. WU vs Maryville College. Francis Gym.

Saturday, Feb. 25

7:30 p.m. Women's Basketball. WU vs. Milliken University. Francis Gym.

Wednesday, Feb. 29

2 p.m. Men's Tennis. WU vs. Jefferson College. WU tennis courts.

Friday, March 2

2:30 p.m. Men's Tennis. WU vs. Belleville Area College. WU tennis courts.

Calendar Deadline

The deadline to submit items for the March 22-31 calendar of the *Washington University Record* is March 8. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1142.