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## Washington University Record, February 18, 1982

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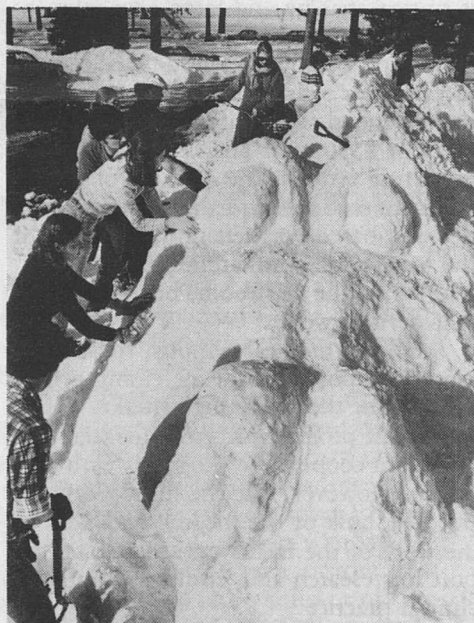
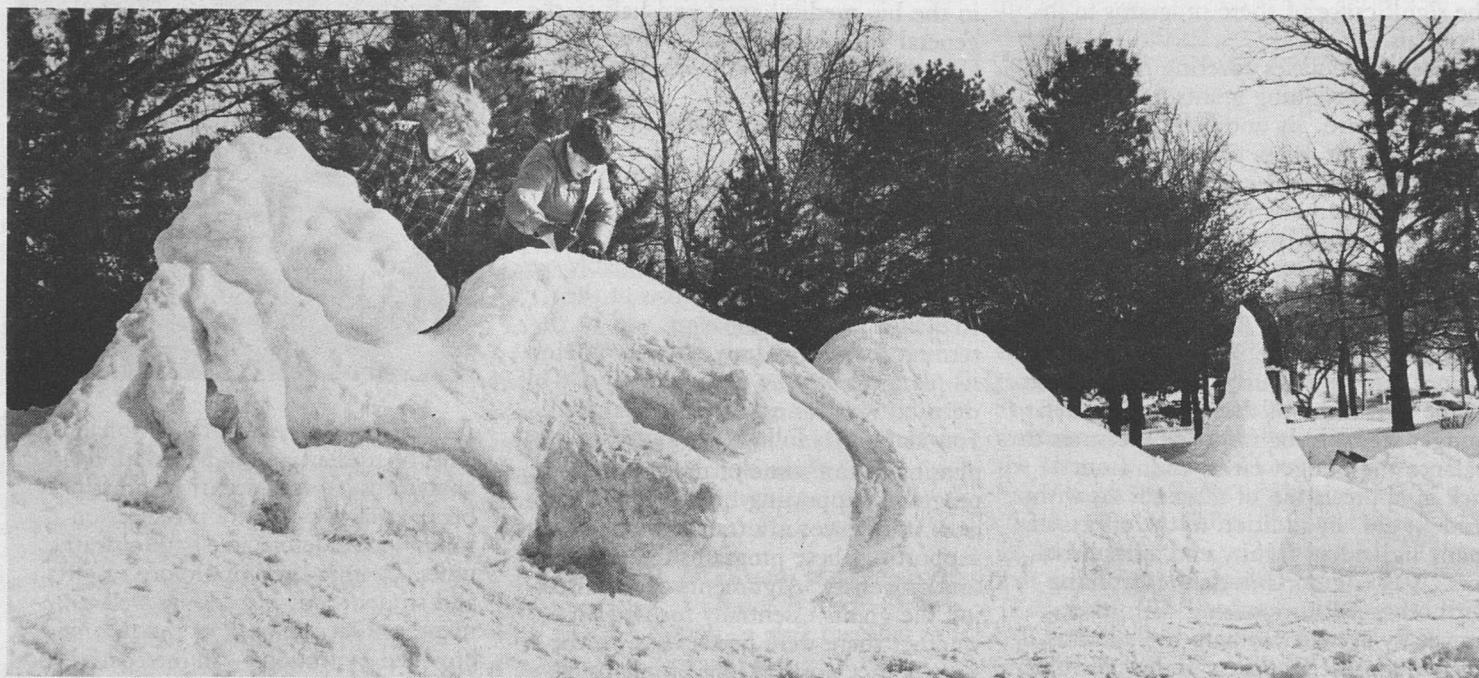


WASHINGTON  
UNIVERSITY  
IN ST. LOUIS

# Washington University Record

Vol. 7, No. 20

February 18, 1982



## Snow creations, beautiful and bizarre



While the rest of us cursed the persistent snow cover, art and architecture students took gloves and imagination in hand to create snow sculptures from the mounds of snow cleared from the Bixby and Givens hall parking lots. Undaunted by the temperature, a buxom mermaid (above), the creation of art students, basks in the winter sun, while, not a snowball's throw away (far left), other art students work on the prominent snout and undulating spine of a sea serpent. Threatening to swallow whole the architecture students who made it is a bizarre monster.

## 'Real People' producer talks on video

Robert Wynn, producer of the NBC-TV series, "Real People," producer-director of numerous Bob Hope specials, including the 1979 "Bob Hope on the Road to China," and an extensive list of musical-variety television specials, will visit the WU campus Wednesday, Feb. 24.

Wynn, a native St. Louisan who began his career as a page boy and production assistant at KWK radio here, will give a formal presentation on video production, which is open to the public, from 7 to 10 p.m. Wednesday in room 325, Mallinckrodt Center. This gathering is the meeting of Drama 245, a class in video production taught by Van McElwee, WU instructor of art, filmmaking and video production. Seating will be limited, so observers should arrive early.

Earlier in the day, Wynn will meet with WU students in a number of drama and technical classes offered by the Performing Arts Area.

Wynn began his career at KWK in St. Louis in 1950, moving on to be a sports announcer and disc jockey at stations in Indiana and Kentucky. He worked briefly on local television, then

joined McCann Erickson, Inc., where he produced, among other programs, the games of the Cleveland Indians and Browns, as well as national television commercials.

## Snow removal costs reach \$12,000

The cost of hiring outside contractors to help dig out the University from this month's whopper snowfall has been estimated at \$10,000 to \$12,000, said Vice Chancellor for Business Affairs Joe Evans.

He said two paving and construction companies with plows and front loaders were brought in when only four of the 17-man WU grounds crew managed to struggle to work on Monday, Feb. 1, the day after St. Louis was hit with its heaviest snowfall in 70 years.

Much of the snow covering WU's larger parking lots had to be scooped up and dumped away from the lots, a process that slowed the efforts of crews, who worked around the clock to clear traffic areas. Snow blowers were used to clear walkways, Evans said, and about two dozen students from the South-40 Residence Halls were hired to help shovel

His first work producing for network television was in 1961, when he assisted on the NBC Mystery Hour and Andy Williams and Bing Crosby specials.

*continued on p. 3*

paths and chip away ice uncovered by the blowers. The University may do a little more plowing on some of the smaller parking lots, he added, but the bigger lots are mostly free. He said parked cars, especially near the residence halls and Millbrook Apartments, have hampered clearing efforts.

In addition to plowing the grounds, maintenance crews blew snow off the flat-topped roof of Olin Library. A few leaks have been reported in various buildings, but no real structural damage occurred. What will happen when it all melts? "We'll probably find a few more leaks," said Evans.

He recalled that the campus was shut down in advance only one other time in his 28-year association with WU — the day after President John F. Kennedy was shot.

## Weil named chair-elect of art and archaeology

WU art historian Mark S. Weil has been named chairman-elect of the Department of Art and Archaeology and will assume his new responsibilities on July 1.

Weil will succeed as chairman Norris K. Smith, professor of art and archaeology, who has headed the department since July 1977. He was acting chairman during much of the 1976-77 academic year and during the 1960s.

A specialist on Italian renaissance and baroque art, Weil has been a member of the WU faculty since 1968. Currently, he and a colleague, Margaretta (Peggy) J. Darnall, a WU architectural historian, are preparing a monograph on The Sacro Bosco at Bomarzo, a 16th-century Italian garden near Viterbo, for submission to the *Journal of Garden History*. He and Darnall have spent several summers abroad investigating this bizarre garden, which contains gigantic and grotesque sculptures illustrating the epic poem "Orlando Furioso." Weil is also working on an article which focuses on the importance of Federico Zuccaro's "Annunciation With Six Prophets," a 16th-century fresco that has been lost.

Weil is the author of a book, *The History and Decoration of the Ponte S. Angelo*, published by the Pennsylvania State University Press, 1974, and of a widely discussed article, "The Devotion of the Forty Hours and Roman Baroque Illusions," published that same year in *The Journal of the Warburg and Courtauld Institutes*.

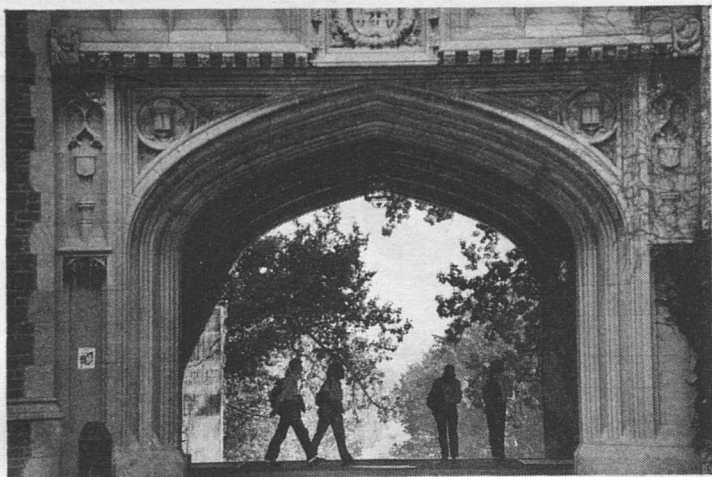
The recipient of three travel grants, Weil most recently was awarded a stipend from the L'Istituto della Enciclopedia Italiana in Rome to attend the Convegno Internazionale on "Bernini e il Barocco Europeo" in Jan. 1981. He is a prolific writer with eclectic interests whose publications range from an article on "A Faun Teased by Cupids: Form and Meaning" for the *Atti del Convegno Internazionale su Bernini e il Barocco Europeo* (in press) to an astute

*continued on p. 3*



Mark S. Weil





## Chancellor reflects on challenges facing WU

To the Members of the Faculty, Administration and Staff:

During a time of economic uncertainty, it is not surprising that one finds mixed and conflicting signals, some evoking feelings of hope, some of concern and some of despair. This letter will present some of my assessments.

### Education becoming depressed sector

Higher education's transition from an expanding to a relatively depressed sector can be dispiriting. Moreover, uncertainties about federal policies in the period immediately ahead are real and contribute to discomfort. For example, we have come to rely on federal student aid programs, which are critical to all parts of the university. They have grown steadily in recent years, helping to soften the impact of rapidly rising tuition. This aid has leveled off and will be cut further by an as yet unknown amount.

In the academic year 1981-1982, Washington University students at all levels, graduate and undergraduate, received \$18.1 million in federal grants and loans. Well over 4,000 students, or effectively one half of the enrollment of the day divisions, were involved. Six federal programs provided the sources for these funds: (1) Pell Grants, or Basic Educational Opportunities Grants (BEOG); (2) Supplemental Educational Opportunity Grants (SEOG); (3) College Work Study (CWS); (4) National Direct Student Loans (NDSL); (5) Guaranteed Student Loans (GSL); (6) State Student Incentive Grants (SSIG).

### Federal student aid cuts coming

In federal fiscal year 1981, these programs were funded at approximately \$6.3 billion. For the current federal fiscal year, the final funding of these programs is not yet determined, but the interim continuing resolution would furnish approximately \$5.1 billion, a reduction of about 19 percent from 1981. Various additional recisions may further lower these levels. Guaranteed student loan funding should go up during this year since it is an entitlement program. But, on balance, very significant cuts will be absorbed by the federal student aid programs in the 1982 academic year.

For fiscal year 1983, unofficial proposals by the administration would eliminate totally funding for three programs, SEOG, NDSL and SSIG. The remaining programs, Pell Grants, GSL and CWS, would total \$3.5 billion, almost 44 percent below the funding levels of 1981. Fortunately, the final proposals in the President's budget for fiscal 1983 may not be as drastic as anticipated.

Washington University continues to work hard to convince the executive branch and the Congress of the critical importance and of the long-range investment character of the funding of student aid. Our efforts are coordinated with those of national associations to which we belong, such as the American Council on Education, the Association of American Universities and the National Association of Independent Colleges and Universities. But the work of university administrations and college presidents will be of limited value unless the Con-

gress hears from parents and students on the significance of these programs to individuals.

Federal policies covering research and research training grants have also caused concern. By and large, the federal administration, most particularly the Office of Management and the Budget, has been unsympathetic to training grants, which are especially important to the biomedical sciences at Washington University. Research seems better understood, although some areas, such as some parts of space sciences and some areas of social science, are in jeopardy. The main threat to the remainder of the federal research budget seems to be from the pressures to balance the budget rather than from a lack of appreciation of research. As with student aid, in addition to the efforts of many individual faculty and administrators, Washington University is working with other institutions and with inter-university agencies to help the administration and the Congress understand the importance of university-based research.

### Private sector prospects better

News from the private sector is brighter. On Sept. 1, 1981, the School of Medicine announced a \$3.88 million contract with Mallinckrodt Inc., the money to be used for support of research on hybridoma cells that produce monoclonal antibodies.

More recently, it was announced that \$38 million will be added to Washington University's endowment from a trust established after the death of Mr. Edward Mallinckrodt, Jr., in 1967. The income is to be used for scholarships and fellowships in the biomedical areas. Like many financial transactions, the situation is more complicated than first appears. The income from the trust has been coming to Washington University since the establishment of the trust about 15 years ago. In order to start the Division of Biology and Biomedical Sciences in 1973, half the Mallinckrodt stock was traded with the general endowment in order to increase income from the fund. On the termination of the trust there would have been no difference in the university's real wealth except for the fact that Avon purchased all the University's Mallinckrodt stock for a premium. Half of this premium accrues to the en-

dowment for scholarships and fellowships in the bio-medical areas and half to the general endowment pool of Washington University, thereby increasing the value of all endowments.

### Humanity ultimate Danforth grant beneficiary

Even more recently, the Board of the Danforth Foundation voted to make a challenge grant to Washington University of \$45 million, payable probably over the next five years. The terms of the challenge and of the payout will be determined after the university completes its planning for the next campaign. This decision was not easy for the Danforth Foundation. It follows on a gradual phasing out of some of the foundation programs supporting higher education and, in essence, is a transfer of the assets supporting these programs to Washington University. Arguments against making the grants essentially focused on whether there were better uses for the resources in a world facing problems of war and peace, food and energy shortages, population explosion, challenges to improve our national commitment to freedom and justice, and so on. The decision rested on the hope and the belief that out of our great universities would come the people and the ideas necessary to deal constructively with these global dilemmas. Without strong independent institutions, humankind will be ill equipped to answer the challenges of the last decades of the twentieth century.

The Foundation Board did not wish to make another "bailout" grant as was made in 1973. The areas of concentration are in keeping with the historic interests of the Danforth Foundation and focus on undergraduate education. The only exception is aid to biomedical research, in recognition of its central role at Washington University and in the St. Louis community. It is clear that, while \$45 million is a lot of money, the grant by no means meets all the needs and challenges of Washington University or even necessarily the most critical ones. Claiming of the grant will be contingent on progress toward meeting overall goals.

This grant, plus our course over the last few years, points us toward a general fund raising campaign to be announced after completion of more planning.

### Private funds cannot replace public support

There is no doubt we face difficult and challenging times. Private support is critical to our great independent universities; however, realistically, private sector funds cannot be expected to replace significant diminution in public support. The figures are simply too large. Last year Washington University received \$56 million in federal support, all for the operating budget. At the same time private support was \$28 million, a significant portion of that amount going to endowment.

On the hilltop campus, gifts and federal student aid are critically important. They are part of the cement that holds the operation together. However, despite the increases in private giving, putting together the budgets for the next academic year has been extremely



difficult. In the central fiscal unit problems of student aid and escalations in energy costs, social security and fringe benefits have put extra pressures on funds for academic and administrative units. Despite the importance of gifts and student aid, it is always well to remember that the bulk of the income is provided by tuition — in the central fiscal unit, mostly by undergraduate tuition. It is tuition that by and large pays salaries and underwrites core programs. One extra tuition-paying undergraduate added to each year's class brings an income equivalent to the return on an endowment of \$550,000. The key to a successful future remains the decision of undergraduate students and their parents — a decision based on their understanding of the total undergraduate experience, beginning in the classroom, but extending outside it as well.

On the medical campus, there is a marvelous potential for increasing private support for the many high-quality and important programs from individuals and from cooperative programs with industry. However, like the hilltop campus, the bulk of the income results from the work of the faculty, who attract support for research and earnings through clinical practice.

The hopeful and the worrisome signs are present and certainly will persist. It is not a time for discouragement, but rather a time to plan and to work for success. It is also a time to be realistic and to recognize that we are carrying out some of the most important work of civilization during a time of constrained resources.

*William H. Danforth*  
Chancellor  
January 27, 1982



Chancellor William H. Danforth

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## Campus Notes

Eight students were initiated into the Alpha Kappa Circle of Omicron Delta Kappa, a national leadership honor society, at WU on Jan. 29.

Six of the eight students are in the College of Arts and Sciences. They are Benjamin Gulli, Jeffrey H. Katz and Steven A. Olson, seniors; and Felicia Renee Brown, Charles P. Fox and Christopher C. McNairy, juniors.

Also initiated were Rashidul Haq, a senior in the engineering school, and David C. Mason, a second-year law student.

Bevra H. Hahn, associate professor of medicine at the School of Medicine and Director of WU's Arthritis Center, has been appointed to the 18-member National Arthritis Advisory Board by Health and Human Services Secretary Richard S. Schweiker.

Hahn is also a Barnes Hospital rheumatologist.

The board was established by the Health Programs Extension Act of 1980 to review and evaluate the ongoing Arthritis Plan, which makes more than 150 specific recommendations for arthritis research, arthritis centers, epidemiology,

data systems, education and community programs.

Christopher O. Jackson (BA '81) and Steven Leon (BA '81) will see their musical, *The Rivals*, revived and restaged by the West End Players Feb. 19-21 and 26-28 at the company's new Gardenville Center home, Kingshighway and Gravois Blvd. *The Rivals*, based on Richard Sheridan's play, was presented by Thyrsus in the spring of 1979 in the Drama Studio. Jackson, now a graduate student in the WU music department, and Leon, assistant to Westport Playhouse director Wesley Van Tassel, have revised and sharpened the musical, adding two sparkling new songs to its score. For ticket information, call the West End Players box office at 352-1350.

Michael B. MacKuen, assistant professor of political science, will collaborate with Charles Turner, a staff member of the National Research Council, in a paper titled "The Popularity of Presidents as Measured by Gallup, Harris, Roper and Others."

The paper will appear in a book, *Surveying Subjective Phenomena*, to be published later this year.

## History department offers China tour

Members of the WU community may explore the rich history and culture of ancient and modern China this summer on the first study tour sponsored by the Department of History.

The 25-day tour, which is open to WU students, faculty, staff and their spouses, will leave San Francisco on June 13 and return on July 7. Leading the tour will be William C. Kirby, WU assistant professor of history, who specializes in modern Chinese history; Marsha Weidner, assistant professor of Chinese art history, Oberlin College; and Terri Weidner, assistant professor of Chinese history, Ohio Wesleyan University.

After several days in the British colony of Hong Kong, the tour will travel by train and by air to nine Chinese cities, including Beijing (Peking); Shanghai, China's largest city; Guangzhou (Canton), China's historic trade port, and Nanjing (Nanking), St. Louis' Sister City in China.

The cost of the tour is \$3,050, which includes round-trip air transportation between Hong Kong and San Francisco and all hotel accommodations,

meals and transportation costs within China. Travel arrangements will be handled by Passages Inc. of San Francisco.

Academic credit through WU's Summer School can be earned by completing assigned reading and a paper.

Kirby will talk about the tour on Thursday, Feb. 25, at 8 p.m. in 115 Busch; he may also be reached at 889-5450.

## University to increase annuity contribution

The University's contribution to the Retirement Annuity Plan will increase one percent in most categories effective July 1, 1982. For employees 45 and under the University's contribution will increase to seven percent of their salary; for employees 45 to 49 it will increase to eight and one-half percent. The contribution for employees over 50 will remain unchanged. Employees will continue to contribute five percent of their salary.

The one-percent increase in the University's retirement annuity contribution will also be reflected in the Premium Annuity Benefit, a feature of the Total Disability Benefits Plan. This benefit, for those employees who are eligible, continues both the employee's and the University's contributions to the retirement annuity after the employee has been permanently disabled and is no longer able to work. Employees earning \$12,000 or more annually are covered by the free disability plan, which will pay up to 60 percent of the salary of disabled workers.

For more details, contact Bill Maurer in the Personnel Office, or call Ext. 5990.

## Population expert speaks Feb. 25

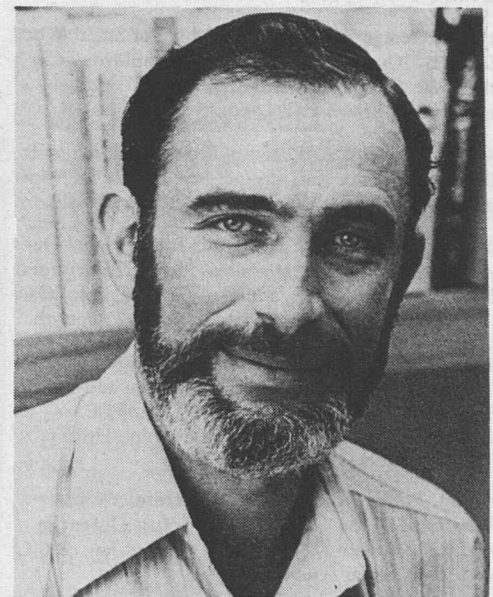
Paul R. Ehrlich, a leader in the international crusade for population control and ecological awareness, will speak at 4 p.m. Thursday, Feb. 25, at Graham Chapel. His lecture will be on the topic: "Population, Resources, Environment: Where Do We Stand Now?"

The talk is cosponsored by the Assembly Series and the Center for the Study of Public Affairs.

Ehrlich also will speak at 8:15 p.m. on Friday, Feb. 26, at the Global 2000 Conference, Chase-Park Plaza.

Several WU faculty members will also participate in the conference. A panel at 3:45 p.m. on "The Loss of Species — Does it Matter?" will be moderated by Peter Raven, director of the Missouri Botanical Garden and Englemann Professor of Botany at WU. Charles Leven, WU professor of economics and director of the Institute for Urban and Regional Studies, and Alan Templeton, WU professor of biology, will be among those on the panel. For further information, call the Coalition for the Environment, 727-0600.

In his best-selling book, *The Population Bomb* (1968), Ehrlich, an entomologist who teaches at Stanford University, has pointed out that human beings have been multiplying faster than their food supply since 1958, and that the earth, a planet capable of supporting only 1.5 billion people decently,



Paul R. Ehrlich

now has a population of 3.6 billion, which will, at the present rate, double in 35 years. "If population control measures are not initiated immediately and effectively," he has warned, "all the technology man can bring to bear will not fend off the misery to come."

In addition, Ehrlich and his wife Anne, a biological research assistant who collaborates closely in his work, have written the book *Extinction: The Causes and Consequences of the Disappearance of the Species*.

## Producer—continued from p. 1

During the 1960s, he participated in the production of programs such as the Kraft Western Music Hall, the Grammy Awards, and scores of musical-variety specials.

In 1970, he formed his current production company, Mellodan Productions Inc., and produced and directed such programs as the ABC Mystery Movie, several television pilots, three segments of "Saturday Night Live," and the Rock Music Awards program.

Among his less commercial projects are the 1976 presidential debates, which he directed, and the 1977 Inaugural Eve Gala at Kennedy Center, which he pro-

duced. He has produced a documentary on gambling, and has directed three live concerts from Wolftrap for the Public Broadcasting System Network.

His most recent endeavor is the "Real People" show, which he has produced since fall 1979.

Wynn has volunteered his time to produce numerous Variety Club telethons in cities around the country, among them, St. Louis. He will produce his sixth telethon for the St. Louis chapter Feb. 27 and 28 on KSDK-TV (Channel 5). The St. Louis Variety Club funds go to over 100 local children's charities.

## Historic Chinese epic to be premiered Feb. 26

"Lin Tse-Hsu" (The Opium War), one of the first films to be made in China following its civil war of 1946-50, will receive its St. Louis premiere Friday, Feb. 26, at 8:15 p.m. in Steinberg Auditorium. The film's showing, which is free and open to the public, is sponsored by WU's Department of Chinese and Japanese and Asian Art Society.

The film, which was made in 1959, gives a Chinese account of the infamous Opium War between the British and the Chinese in the 1840s. Lin Tse-Hsu was the Imperial Commissioner who rallied the peasants to oust the British and break their dominance, which was supported by encouraging the opium habit on the Chinese people. The film stars Chao Tan, China's leading actor, who died in 1980, and was directed by Chen Chun-li.

Acted in the stylized manner of the traditional Peking Opera, the film is a

full-length epic, complete with sea skirmishes among sailing ships and breathtaking scenes of the Forbidden City and the Forbidden Palace, among other locations. The film also reflects the emergence of Chinese nationalism after the revolution.

## Jazz Ensemble holds auditions

Positions are open for advanced high school, college and professional jazz musician in the WU Jazz Ensemble, directed by Robert Edwards. Auditions for players of saxophone, trumpet, trombone and guitar will be held Feb. 17 and 24 after 7 p.m. in Tietjens Rehearsal Hall.

The emphasis of the auditions will be on the ability to read big band jazz charts.

To schedule an audition time, call the Music Department at 889-5581.

## Weil—continued from p. 1

appraisal of "the Serra Sculpture," a controversial public monument which will be erected soon in downtown St. Louis.

Active in community and campus affairs, Weil is a trustee of the Saint Louis Art Museum, and a member of the professional advisory committee of The Churchill School in St. Louis. He has also been active in the leadership of what is now the Community Association of Schools for the Arts (CASA) and of The Forsyth School in St. Louis. He is presently a member of the Senate Council of WU.



# Calendar

## Lectures

### Thursday, February 18

12 noon. Department of Anatomy and Neurobiology Lecture with Melitta Schachner, Institute for Neurobiology, U. of Heidelberg, Germany. 928 McDonnell Medical Sciences Bldg., 4570 McKinley.

1 p.m. George Warren Brown School of Social Work Lecture, "Outlook for Social Work Employment in the 1980s," Michael Sherraden, WU asst. prof. of social work. Brown Hall Lounge.

4 p.m. School of Architecture Lecture, "Rome and Beyond," Spence Kass, former Steedman prize-winner and architect, Philadelphia. 116 Givens Hall.

4 p.m. Department of Economics International Development Seminar, "Models of Present Agricultural Behavior," Stephen G. Sellers, WU asst. prof. of anthropology. Stix International House, 6470 Forsyth.

4 p.m. Department of Philosophy Colloquium, "Conceptualism in Lewis, an Explication and Defense of a Conceptualist Program," Daniel E. Wueste, WU grad student in philosophy. Hurst Lounge, Duncker Hall.

4 p.m. Public Affairs Thursday Lecture, "What Happened to the Gang of Four? Leftist Dissent in China," William C. Jones, WU prof. of law. 200 C & D Eliot Social Sciences Bldg.

4 p.m. Vision Seminar, "Visual Activity During Functional Transfection of Area 17 Column," Joseph Malpeli, U. of Ill.-Champaign. Physiology Lib., fourth floor, South Bldg., 4577 McKinley.

4 p.m. Department of Chemistry Seminar, "Energy Localization and Spreading in Molecules," Gabriel Hose, dept. of chemistry, U. of Southern Calif. 311 McMillen.

4:30 p.m. Department of Mathematics Colloquium, "Zeros of Successive Derivatives of Meromorphic Functions," John Rossi, Purdue U. 199 Cupples I.

8 p.m. Department of English Colloquium, "Becoming Emerson," Robert W. Milder, WU assoc. prof. of English. Hurst Lounge, Duncker Hall.

8 p.m. Holocaust Lecture Series, "The Language of Holocaust Literature: Search for a New Idiom," Lawrence Langer, prof. of English, Simmons College, Boston. Steinberg Hall Aud.

### Friday, February 19

12:30 p.m. McDonnell Laboratory for Psychical Research Lecture with Michael Thalbourne, MLPR research assoc., reporting on the 1982 Southeast Region Parapsych. Assoc. convention. 117 Eads.

3 p.m. Graduate Institute of Education Lecture, "A Social Approach to the Study of Teacher Effectiveness," Gary J. Natriello, WU asst. prof. of education. 217 McMillan.

3 p.m. Department of Psychology and Occupational Therapy Program Colloquium, "Extraordinary Behavior in Infant Rats: Their Use in the Study of the Ontogeny of Motivation," Warren G. Hall, N.C. Dept. of Mental Health. 102 Eads Hall.

8:30 p.m. Jewish Student Union Panel Discussion, "Art and Politics: Should We Support Anti-Semitic Geniuses?" Harold Blumenfeld, WU prof. of music; Edgar H. Lehrmann, WU prof. of Russian; and Robert Cohen, editor, *St. Louis Jewish Light*. Hillel House, 6300 Forsyth Blvd.

### Saturday, February 20

9 a.m. Neural Sciences Program Lecture, "Neurobiology of Multiple Sclerosis: Lymphocyte Function in Multiple Sclerosis," Barry Arnason, U. of Chicago. 928 McDonnell Medical Sciences Bldg., 4570 McKinley.

### Monday, February 22

11 a.m. Department of Civil Engineering Seminar, "Risk Management in Construction Industry," Tom Glassberg, General Installation Co., St. Louis. 216 Urbauer.

4 p.m. Department of Psychology Lecture, "Heuristic vs. Systematic Information Processing and Persuasion," Shelly Chaiken, U. of Toronto, Canada. 102 Eads.

8:30 p.m. School of Architecture Lecture, "Indonesian Encounter," Marius Reynolds, architect, London. Steinberg Hall Aud.

### Tuesday, February 23

4 p.m. Department of Chemistry Seminar, "Recent Applications of Group Theory to Chemical

Physics," Krishnan Balasubramanian, dept. of chemistry, U. of Calif.-Berkeley. 311 McMillen.

8 p.m. Holocaust Lecture Series, "The Reason Why: Some Persisting Questions About the Holocaust," Helen Fein, senior research assoc., Center for Policy Research, New York City. Steinberg Hall Aud.

### Wednesday, February 24

9:15 a.m. Christian Sciences Organization Meeting. East Lounge, third floor, Ann Whitney Olin Women's bldg. lounge.

12:10 p.m. Special Collections Talk and Tour, "Fifteenth-Century Books and Manuscripts," Holly Hall, head of special collections. Special Collections, fifth floor, Olin Library. (Also 12:10 p.m., Wed., March 10, Special Collections).

3 p.m. Clinical Law Program Judicial Lecture-Demonstration Series with Judge George Gunn, Jr., Missouri Court of Appeals, discussing the opening statement. Mudd Courtroom.

4 p.m. Department of Physics Colloquium, "Non-Standard Analysis," Max Dresden, Institute for Theoretical Physics, State U. of New York, Stony Brook. 204 Crow.

7:30 p.m. Department of Germanic Languages and Literatures Lecture, "German-American Relations," Thomas Kielinger, Washington correspondent for *Die Welt*. 320 Ridgley.

### Thursday, February 25

1 p.m. George Warren Brown School of Social Work Lecture, "Social Work Practice in Industry: A Growth Sector," Martha Ozawa, WU prof. of social work; and Jeffrey Hauser, WU social work student. Brown Hall Lounge.

2:15 p.m. Department of Mechanical Engineering Seminar, "Stability of Graphite-Metal Interfaces," Mario P. Gomez, WU prof. of mechanical engineering. 100 Cupples II.

4 p.m. School of Architecture Lecture, "Architecture Now," Marius Reynolds, architect, London. 116 Givens Hall.

4 p.m. Department of Chemistry Seminar, "Actinide Organometallic Chemistry," Tobin Marks, dept. of chemistry, Northwestern U. 311 McMillen. (3:30 p.m. coffee hour, 561 Louderman.)

4 p.m. Department of Earth and Planetary Sciences Seminar, "Characteristics of Mississippi Valley-Type Ore Deposits," Paul E. Gerdemann, chief geologist, St. Joe Minerals Corp. 102 Wilson.

4 p.m. Public Affairs Thursday and Assembly Series Lecture, "Population, Resources, Environment: Where Do We Stand Now?" Paul Ehrlich, prof. of biological sciences and Bing Professor of Population Studies, Stanford U. Graham Chapel.

8 p.m. Department of History Study Tour, "Summer Study Tour of China 1982: An Introduction," William Kirby, WU asst. prof. of history. 115 Busch.

### Friday, February 26

3 p.m. Women's Studies Program Panel Discussion, "Women, the Family, and Politics," Susan Hegger, WU postgraduate student in anthropology; Liz Weston, WU Mellon Fellow in Women's Studies; and Barbara Ryan, WU postgraduate sociology student. Ann Whitney Olin Women's Bldg. Lounge.

4 p.m. Faculty of Arts and Sciences Meeting. 201 Crow.

### Saturday, February 27

11 a.m. University College Saturday Seminar Series on Individualism, "Freud and the Critique of Liberal Individualism," Gerald Izenberg, WU assoc. prof. of history. Sponsored by the Master of Liberal Arts Program. Ann Whitney Olin Women's Bldg. Lounge.

## Performing Arts

### Saturday, February 20

8 p.m. Hillel Foundation Presentation, "Gimpel and Yentl: Singer Stories," a chamber theatre performance. Tickets are \$3 for students; \$4 general admission. Hillel House, 6300 Forsyth Blvd. (Also Sun. Feb. 21; Mon., Feb. 22; Sat., Feb. 27; and Sun., Feb. 28, 8 p.m., Hillel House.)

### Friday, February 26

8 p.m. Performing Arts Area Production, *The Madwoman of Chailot*, by Jean Giraudoux. Directed by Herbert E. Metz, WU assoc. prof. of drama. Edison Theatre. Tickets are \$3, at Edison Theatre box office, 889-6543. (Also Sat., Feb. 27, 8 p.m., and Sun., Feb. 28, 8 p.m., Edison Theatre.)

## Exhibitions

"Books from the Lutz Library." Medical Library Annex, 615 S. Taylor. 8:30 a.m.-5 p.m. weekdays. Through April 4.

"The Architectural Heritage of St. Louis 1803-1891: From the Louisiana Purchase to the Wainwright Building." Upper Gallery, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Through March 14.

"Fourth Annual High School Art Competition." Bixby Hall Gallery. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. Through Feb. 21.

"Fifteenth-Century Books and Manuscripts." Special Collections, fifth floor, Olin Library. 8:30 a.m.-5 p.m. weekdays. Through April 2.

"19th- and 20th-Century Masterpieces from the University Collection." Lower Gallery, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Through April 25.

"Contemporary Prints Published by the WU School of Fine Arts Print Workshop." Print Gallery, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Through March 21.

## Sports

### Monday, February 22

7:30 p.m. Men's Varsity Basketball, WU vs. Harris-Stowe College. Francis Field House. \$2 general admission; WU students free.

## Music

### Thursday, February 18

8 p.m. Collegium Musicum Concert, directed by Nicholas McGegan, WU artist-in-residence. Ann Whitney Olin Women's Bldg. Lounge. No charge.

### Saturday, February 20

8 p.m. Department of Music Graduate Recital with Robert Barefield, tenor. Graham Chapel. No charge.

### Friday, February 26

8 p.m. Department of Music Graduate Student Recital with Bruce Carvell, tenor. Graham Chapel. No charge.

9:30 p.m. Gargoyle Jazz Concert with Ghalib Ghallab and his quartet. \$2. Gargoyle, Mallinckrodt Center. (Also Sat., Feb. 27, same time, Gargoyle.)

## Films

### Thursday, February 18

7:30 p.m. and 9:30 p.m. WU Filmboard Series, "Picnic at Hanging Rock." \$2. Brown Hall Aud.

### Friday, February 19

8 and 10 p.m. WU Filmboard Series, "Nine to Five." \$2. Brown Hall Aud. (Also Sat., Feb. 20, same times, Brown.)

Midnight. WU Filmboard Series, "Female Trouble." \$1. Brown Hall Aud. (Also Sat., Feb. 20, midnight, Brown.)

### Sunday, February 21

4:30 and 7 p.m. WU Filmboard Series, "You Only Live Twice." \$2. Brown Hall Aud. (Also Mon., Feb. 22, 7 and 9:30 p.m., Brown.)

### Tuesday, February 23

4 p.m. Department of Art and Archaeology Film, "Vienna, Mask of Gold." No charge. Steinberg Hall Aud. (Also Wed., Feb. 24, 12 noon, Steinberg.)

7:30 and 9:15 p.m. WU Filmboard Series, "Yellow Submarine." \$2. Brown Hall Aud.

### Wednesday, February 24

7:30 and 9:30 p.m. WU Filmboard Series, "Madame Rosa." \$2. Brown Hall Aud. (Also Thurs., Feb. 25, same times, Brown.)

### Friday, February 26

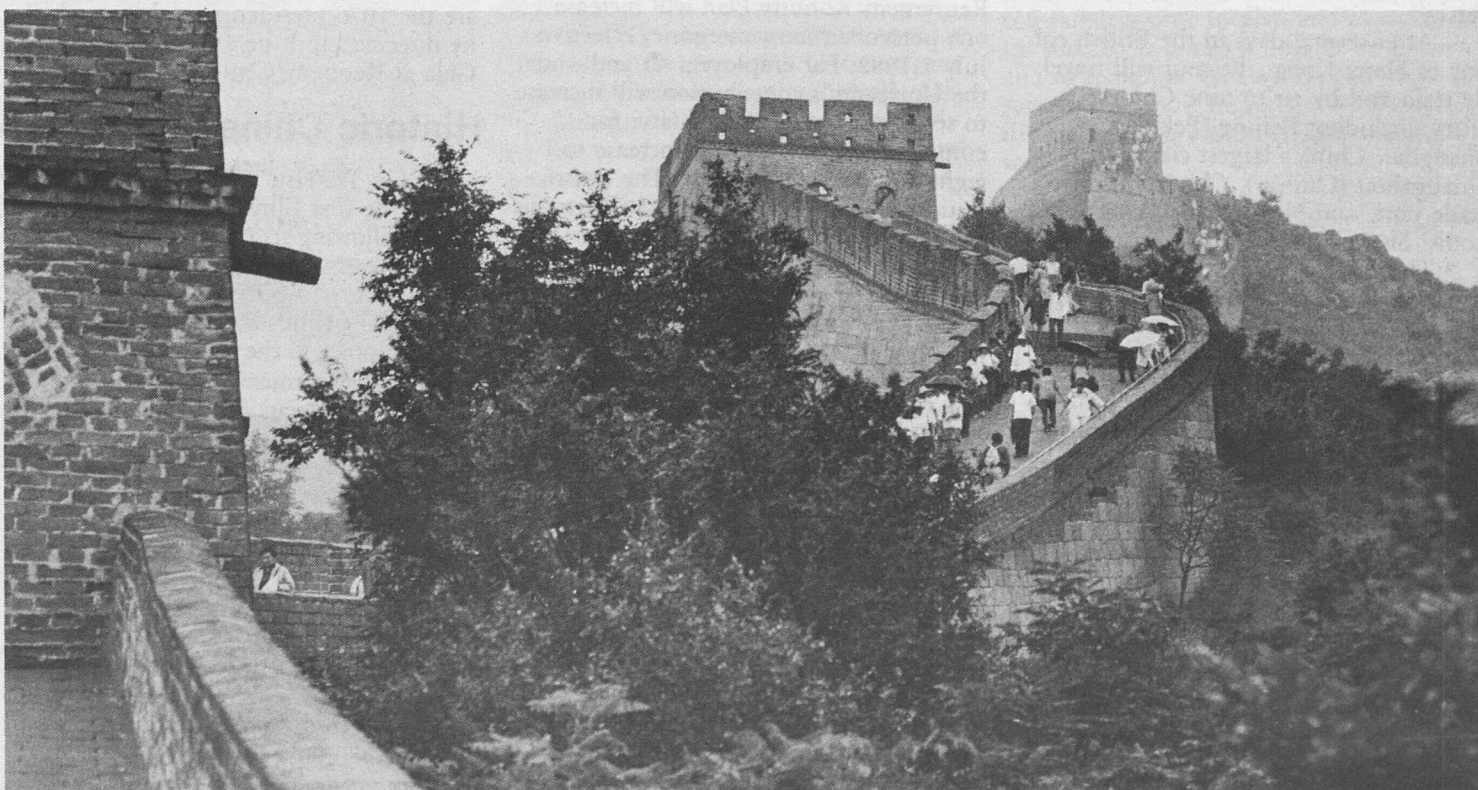
7 and 9:30 p.m. WU Filmboard Series, "Mary Poppins." \$2. Brown Hall Aud. (Also Sat., Feb. 27, same times, Brown.)

8:15 p.m. Asian Art Society Film, "The Opium War." No charge. Steinberg Hall Aud.

Midnight. WU Filmboard Series, "Bugs Bunny/Road Runner Movie." \$1. Brown Hall Aud. (Also Sat., Feb. 27, midnight, Brown.)

## Calendar Deadline

The deadline to submit items for the calendar period of March 18-27 is March 4. 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 name and identification and the title of the event. Those submitting items, please note name and telephone number. Address items to Susan Kesling, calendar editor, Box 1142.



The Great Wall of China, built during the Ch'in Dynasty (403-221 B.C.), will be one of the many stops on a 25-day study tour of China sponsored this summer by the Department of History. William Kirby, WU assistant professor of history, will discuss details of the tour on Thursday, Feb. 25, at 8 p.m., in 115 Busch Hall.