New Program In Law and Liberty
Established for Undergraduates

With an initial grant of $50,000 from the National Endowment for the Humanities for the academic year 1980-1981, WU will launch an undergraduate program in Law and Liberty. The program will be administered by a committee whose director is J. H. Hexter, WU Distinguished Historian-in-Residence. Other members of the committee are: Derek Hirst, associate professor of history; Richard Helmholz, professor of law and history; Edward F. McClennen, associate professor of philosophy; A. Peter Mutharika, professor of law; Stanley Paulson, associate professor of philosophy; Robert H. Salisbury, professor of political science; and Victor LeVine, professor of political science.

The undergraduate program in Law and Liberty will involve faculty from the School of Law and members of the departments of English, History, Philosophy and Political Science within the College of Arts and Sciences. Together, these faculty members will introduce the first four of a cluster of courses that will forge strong bonds between the WU Faculty of Arts and Sciences and the School of Law.

This quartet of courses, never previously offered at WU, will include: (1) "Topics in Political Thought: Concepts of Freedom in American Culture" in the fields of political science and English, to be taught by professors Robert Salisbury and Wayne Fields; (2) "Law, Power and Freedom," in the area of law with Professor Charles McManis providing instruction; (3) "The Law and Individual Liberties," as an offering in law and philosophy with Professor Carl Wellman as the teacher; (4) "Origins of Constitutionalism" representing the discipline of history's contribution to the core of new courses with Professor Hirst as the faculty member in charge.

To shape these "pilot" courses in law and liberty during 1980-1981, these faculty members will meet with Linda Salamon, Dean of the College of Arts and Sciences, in a series of workshops designed to assist in the implementation of this innovative curriculum. The "pilot" courses will provide the foundation for the development of a comprehensive curriculum. In addition to the courses offered by members of the WU faculty, the program, in 1980-1981, will include public lectures and seminars by H.L.A. Hart, Professor Emeritus of Jurisprudence at Oxford University, who has accepted appointment as Lewin Visiting Professor of Law at WU, as well as workshops designed to assist in the implementation of this innovative curriculum. The "pilot" courses will provide the foundation for the development of a comprehensive curriculum. In addition to the courses offered by members of the WU faculty, the program, in 1980-1981, will include public lectures and seminars by H.L.A. Hart, Professor Emeritus of Jurisprudence at Oxford University, who has accepted appointment as Lewin Visiting Professor of Law at WU, as well as workshops designed to assist in the implementation of this innovative curriculum.

Continued on p. 3
Putting Wind to Work with Sun Makes Powerful Combination

Anyone who has lived through a full change of seasons in the Midwest knows that two of the region’s greatest resources are the wind and the sun. Either one by itself can provide only limited amounts of energy. But researchers at WU and at the Solar Building Corp. in St. Louis, believe that together, the wind and sun may be capable of producing a year-round alternative energy source.

"Making the best of both situations" is how Larry J. Icerman, WU associate professor of technology and human affairs, described the combined wind-solar energy system being erected at the Tyson Research Center.

"During the coldest, windiest nights of the winter, this system can generate heat," he said.

The system derives power from a wind turbine mounted on a 60-foot telephone pole which drives a heat pump whenever wind speeds reach 9 miles per hour. Meanwhile, its solar collectors utilize available sunlight to heat a 550-gallon storage tank of water.

According to Icerman, May is the target date for operation of the system. He recently met with officials from the U.S. Department of Energy (DOE) and the Missouri Department of Natural Resources to inspect the progress. The project is funded by the DOE through the Regional Appropriate Technology Small Grants Program.

Because the project is experimental, an artificial load simulator and computer modeling will be used to extrapolate the results on a larger scale, such as an apartment building.

The project also includes instrumentation to collect solar, wind and weather data hourly—the first time such data has been collected this frequently in the St. Louis area. The data will be used to evaluate future sites for wind-solar systems.

A number of WU engineering students contributed to the design of the system, including Andy Swift, Kent Myers, Alan Mindlin, Glenn Abramczyk, David Levy, Karol Gasteyer, Fernando Leon, Stephen Schaller and Shuen Yuhlo.

Weitman—continued from p. 1

now stands on the Steinberg Hall steps. William N. Eisenhardt, Jr., then curator of the WU Gallery of Art, introduced Weitman to Calder, and subsequently arranged for him to visit the sculptor on the East Coast.

Of this experience, Weitman recently wrote: "As I saw it, this was an opportunity to record the two most important aspects of this man and his artistic contribution. The challenge was to build a bridge between Calder the creator at work in his environment and Calder the artist sharing his joy of life with the public. To have documented one without the other would have been to tell only half the story. My fondest hope is that these photographs communicate that feeling."

The Calder-Weitman exhibit is supported by the Monsanto Fund. The show of photographs and sculpture was arranged by Terry Moore, director of exhibitions for the Laumeier Sculpture Park Gallery. The Gallery is open free to the public from 10 a.m. to 5 p.m., Wednesday through Saturday, and from noon to 5 p.m. on Sundays.
Chemistry of Metal Surfaces
Is Kennedy Lecture Topic

Earl L. Muetterties, professor of chemistry at the University of California at Berkeley, will deliver the Twenty-Third Annual Joseph W. Kennedy Memorial Lecture at 4 p.m. Thursday, April 17, in 458 Louderman Hall. He will lecture on "Coordination Chemistry of Metal Surfaces."

He will speak again at 2 p.m., Friday, April 18, in 311 McMillen.

Muetterties worked in the Central Research Department at E.I. du Pont de Nemours and Co. for 20 years, beginning in 1952. He rapidly established himself as a leader in the areas of boron chemistry and inorganic fluorine chemistry, and later, in organometallic chemistry and catalysis.

He was a professor at Cornell University before joining the University of California in 1977. His current research interests are surfaces, catalysis and metal clusters.

The lecture is given in memory of Joseph W. Kennedy, who served as chairman of WU's Department of Chemistry from 1946 to 1956. In 1941 Kennedy, together with his colleagues Arthur C. Wahl, now Henry V. Farr Professor of Radiochemistry at WU, and Glenn T. Seaborg, former chairman of the U.S. Atomic Energy Commission, discovered the element plutonium. Kennedy died in 1957.

Program—continued from p. 1

Professor in the Humanities in the spring of 1981.

Besides the development of a multi-disciplinary undergraduate program in Law and Liberty, the administrative committee will devote itself to exploring possibilities for a Research Institute on Law and Liberty; a small graduate fellowship program for the study of law and liberty; University assemblies and colloquia devoted to the consideration of law and liberty; and regional faculty seminars drawing on the resources of the entire metropolitan area, including problems involving law and liberty.

With respect to these possibilities, Hexter observed: "The course of events in recent times has revealed enough uncertainties and perplexities about liberty and law to keep the minds of scholars working for years."

Business and Education Topics
Added to FOCUS Program

The rise of modern business and growing up in America are the topics of two new programs which will be offered to freshmen next year through the College of Arts and Sciences' FOCUS program.

In addition to these offerings, "Business and Society" and "Coming of Age in America," three current concentrations will be offered again in the fall: "Law and Society," "The Search for Values" and "Comparative Arts."

Soon to be in its sixth year, FOCUS is an alternative approach to the liberal arts curriculum which integrates courses around fundamental topics. The topic of each concentration is examined broadly through a core seminar and related courses which embrace several liberal arts disciplines. Most FOCUS plans offered next fall include an English composition course and all plans encourage foreign language study.

In the new "Business and Society" concentration, coordinated by Mark Leff, assistant professor of history, the phenomenon of modern business will be used to approach study in the liberal arts.

"The issues we will deal with are extraordinarily central to history, politics, economics and literature," Leff said. "This approach will not attempt to study business practice as a discipline, but to analyze issues surrounding business—changes in the workplace, in ideologies and religion, and in government."

The first semester seminar will be a historical introduction to modern business organization, while the second will explore the response of literature to business. Students will also enroll in a special two-semester course in introductory economics and an additional course either in business ethics or in the sociology of business.

Writings by Margaret Mead, Sigmund Freud, and Samuel Bowles, documentary films and visits to local non-traditional schools and high schools will be sources for study in the fall semester core seminar of "Coming of Age in America." The coordinators of this concentration are Richard Nault and Ann Di Stefano, assistant professors of education. Literary treatments of adolescence and schooling will be discussed in a related course, "Coming of Age in Literature."

The spring semester seminar will examine, through the perspectives of the social sciences, other institutions which influence the growing up process—religion, the workplace, the family and peer networks. Students will also enroll in a special Western Civilization topics course on childhood and the family in history.
Calendari
April 11-17

FRIDAY, APRIL 11
12 noon. Division of Biology and Biomedical Sciences Lecture, "Induction of Microbial Sporulation by Partial Deprivation of Guanine Nucleotides," Ernst Freese, MD, chief, Lab. of Molecular Biology, National Institute of Neurological and Communicable Disorders and Stroke, NIH. 5th Floor, McDonnell Science Bldg., 4570 McKinley.

1 p.m. WU Woman's Club 70th Anniversary Tea and Talk, "The Wealth and Status of Women in the Late Colonial Period," Alice Hanson Jones, WU prof. emeritus of economics. Ann Whitney Olin Women's Building Lounge. For reservations call Glenda Finnie at 894-2655 or Amy Garfield at 726-0689.


SATURDAY, APRIL 12
10 a.m. Society of Women Engineers and Student Union Symposium, "Life After the Bachelor's Degree." Lunch is provided and admission is free. 201 Duncker.

MONDAY, APRIL 14
12:45 p.m. WU Professors Emeriti Luncheon and Discussion, "Creative Aging," Margaret E. Patterson, producer, KWMU-FM radio, Beatrice Kornblum and Thomas Gilbert Moore, WU alumni. Whittemore House.

TUESDAY, APRIL 15
12 noon. Biomedical Engineering Program Seminar, "Fatigue and Durability of Materials for Cardiovascular Use," John L. Kardos, WU prof. of chemical engineering. 305 Bryan Hall.

WEDNESDAY, APRIL 16

4 p.m. Department of Physics Colloquium, "On Tickling Nuclei with Pions," Melvin Leon, Los Alamos Meson Facility, N. M. 201 Crow.

THURSDAY, APRIL 17


4 p.m. 23rd Annual Joseph W. Kennedy Memorial Lecture, "Coordination Chemistry of Metal Surfaces," Earl L. Muetereties, prof. of chemistry, U. of California-Berkeley. 458 Louderman.

8 p.m. Visiting Hurst Professor Reading, with Elizabeth Sewell, poet, essayist and novelist, Hurst Lounge, Duncker Hall.

FRIDAY, APRIL 11
8 p.m. Department of Music Faculty Recital Series, Irene Gubrud, soprano soloist; Nancy Revzen, pianist. Works by Rorem, Debussy, Liszt, Ives and Dvorak. Graham Chapel.

SUNDAY, APRIL 13
3 p.m. Department of Music Student Recital, Lynn Hizer, baroque flute soloist. McMillan Cafeteria.

TUESDAY, APRIL 15
8 p.m. First Annual New Music at WU Series Concert, featuring compositions by WU faculty composers Harold Blumenfeld, Robert Wykes and John Perkins. Soloists will include Seth Carlin, pianist and conductor; Carolee Coombs-Stacy, soprano; Sona Duckham, pianist; and Dennis Sheppard, tenor. Other participants are members of the St. Louis Symphony Orchestra. Steinberg Auditorium.

WEDNESDAY, APRIL 16
8 p.m. University Choir Concert, directed by Orland Johnson. Graham Chapel.

THURSDAY, APRIL 17
8 p.m. Department of Music Faculty Series Concert, Seth Carlin, piano soloist. Works by Schumann and Schubert. Graham Chapel.

Performing Arts
FRIDAY, APRIL 11
8 p.m. Performing Arts Area Production, The Imperial Nightingale. Edison Theatre. Admission: $3.25; $2.25 for WU faculty, staff and all students. (Also Sat., April 12, 2:30 and 8 p.m., Edison.)

SUNDAY, APRIL 13
8 p.m. Edison Theatre Presentation, "Great Ladies of Shakespeare," performed by Joan Patenaude, soprano. Edison Theatre. Admission $5; $3.75 for WU faculty, staff and area students; $2 for WU students.

Exhibitions
"Joan Miro: The Development of a Sign Language," a major exhibition of 45 paintings. WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m., weekdays; 1-5 p.m., weekends. Through April 27.

School of Fine Arts Master's Thesis Exhibition. Bixby Gallery, 10 a.m.-noon, 1-4 p.m., weekdays; WU Gallery of Art, 10 a.m.-5 p.m., weekdays; 1-5 p.m., weekends. Through April 13. The exhibition will hang in the Famous Barr Auditorium, Clayton, April 14-22.

Sports
Baseball at Utz Field:
April 12, 1 p.m. Rose Hullman.
April 16, 3 p.m., Lindenwood College.

Tennis at WU Courts:
April 12, 9 a.m., Eastern Ill. U.; and 2 p.m., UMSL.
April 16, 3:30 p.m., Concordia Seminary.
April 17, 4 p.m., Maryville College.