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W.U. RECORD

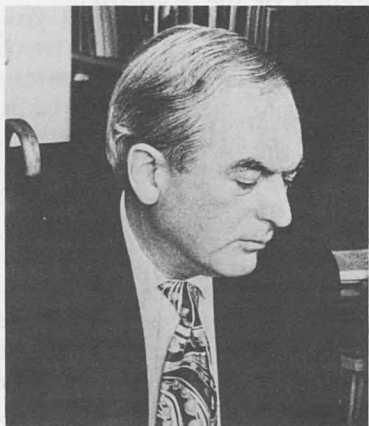
WU's 125th Shapes Up Into Big Shebang

Plans for WU's 125th Anniversary celebration—tentative and vague last year—have shaped up into an exciting schedule of events for four weeks in October and November. No matter what your interests, this shebang, which will include everything from high-level academic conferences to a campus-wide birthday party, should have something for you.

As a brief preview, here are a few of the celebration's highlights. Articles on specific events and a full schedule of events will appear in later issues of the *Record*.

Four Nobel Laureates will be among seven internationally esteemed scientists to discuss their primary research at the "125th Anniversary Biomedical Symposium" on Oct. 16 and 17 at Edison Theatre. The symposium has been arranged by Dr. W. Maxwell Cowan, director of the Division of Biology and Biomedical Sciences and chairman of the Department of Anatomy and Neurobiology.

One of the participants in the symposium, Sir Peter Medawar, head of the Divi-



Sir Peter Medawar

sion of Surgical Sciences, Medical Research Council, Middlesex, England, Nobel Laureate, 1960, will also be principal speaker, with his scientist-wife, Lady Jean Medwar, at the Mr. and Mrs. Spencer T. Olin Conference on Oct. 11 at Graham Chapel. They will discuss "What Does Science Have to Say About Women?"

Some of the greatest names in ragtime will be featured in a ragtime festival to be held at Edison Theatre Oct. 26-29. The festival will be unique, said Steven Radecke, WU artist-in-residence who is heading the event, because it will be true to the spirit of ragtime, unlike many other



Lady Jean Medawar

similarly billed festivals which include Dixieland and other forms of jazz. Among the guest artists invited to take part in "Ragtime '78" are such foot-stomping groups as Turk Murphy's Jazz Band of San Francisco and the city's own St. Louis Ragtimers, featuring Trebor Tichenor. Dances, choreographed by the University's Dance Division, will be performed to the music.

On Oct. 20 and 21, some 20 scholars from both sides of the Atlantic will convene at WU for a conference on "Law

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Robert A. Rouse (left) is associate director and Robert J. Benson, assistant vice chancellor, is director of the newly established Center for the Study of Data Processing.

Corporations and WU Cooperate In Establishment of New Center

Increasing public demand on universities for education and research while higher education's financial resources dwindle has forced colleges and corporations into broader cooperative ventures. An example of corporate-university cooperation is WU's newly established Center for the Study of Data Processing, a unit of the University's School of Continuing Education that will draw into one organization a wide range of data processing educational programs and expertise to serve the Midwest.

Data processing is the application of computers to inventory control, accounting, marketing, payroll or any other business problem requiring the processing of large amounts of data. According to Robert J. Benson, assistant vice chancellor and director of the new center, the data processing field is growing and changing so rapidly the center will play a vital role in assuring that professional education keeps pace with the field.

Benson says the field requires, among other things, more data processing professionals, interaction between these professionals and the resources of a major university, greater understanding and appreciation of data processing by the public, and better administration, planning and productive use of data processing. The center will fulfill these needs through a variety of programs for individuals, institutions and industry and will help define the role of data processing in society in relation to the technical, legal and ethical issues involved.

The center, an outgrowth of the bachelor of science in systems and data processing program, started in 1968, the master of data processing program, started in 1975, and the Professional Development Program, now in its third year, is unique in the nation, according to Benson. Robert A. Rouse is associate

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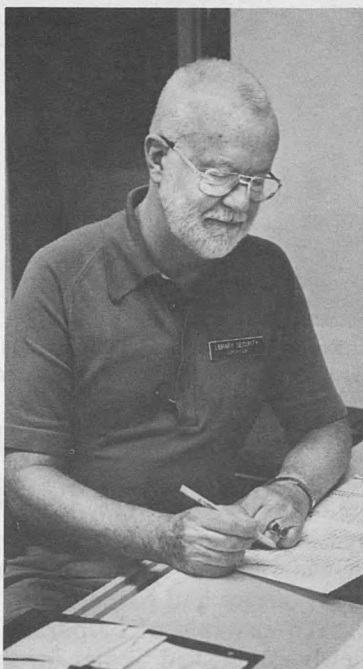
WU Worker Shunned School But Wrote Scholarly Book on Labor

Washington University is probably the only institution of higher learning in this country that has a scholarly authority on the history of the labor movement as its library building security assistant. He's David Thayer Burbank, a 66-year-old "drop-out," as he chooses to call himself, who left WU's School of Architecture abruptly because he found it "deadly dull." He spent only a few months longer at St. Louis University, which he abandoned at the end of his freshman year.

A member of a patrician family (his grandfather, Amos Thayer, was a federal judge of the Eighth Circuit; his mother, Louise January Thayer, a relative of Mrs. Robert Brookings), Burbank is an unlikely looking maverick. A man of military bearing with white hair and a matching, precisely groomed goatee, he was antiestablishment before it became fashionable.

A bookworm all of his life and active in the labor movement for some of that time, Burbank has devoted more than a decade of his life to the study of the St. Louis general strike of 1877.

He put what he has learned between the hardback covers of a 208-page book called *Reign of the Rabble, the St. Louis General Strike of 1877*. The title is misleading—the newspapers called the strikers "rabble," but not the author Burbank. Through painstaking research, he has come to know and understand many of them and their cause. Published in 1966 as part of a "Library of American Labor History" by Augustus M. Kelley, Publishers, New York, *Reign of the Rabble* is a condensation of a much longer microcard publication, *City of Little Bread: The St. Louis General Strike of 1877*, which Burbank issued himself in 1957.



David T. Burbank

Until Burbank looked into the subject, the strike, a milestone in labor history, had been all but forgotten. He labored on his work for 10 years, and the result is a book of which any nascent Ph.D. could be proud. Burbank's thesis is put succinctly. He maintains, "The St. Louis general strike of 1877 was certainly one of the first strikes anywhere in the world to paralyze a major industrial city; and without a doubt was the first general strike of the modern, industrial labor movement in the United States."

The general strike is quite a story and an enlightening way of learning about what was, at the time, as Burbank is careful to point out, "The most serious and prolonged economic crisis of its history The distress of St. Louis workingmen resulted in one of the chain of social explosions that rocked America from coast to coast in the summer of 1877, giving notice of the beginning of a new era of violent and sometimes bloody conflict between workers and employers, out of which American industrial society and its labor movement took form."

In his search for facts, Burbank burrowed into the newspapers of the day and consulted unpublished official papers, which provided information on the military and judicial aspects of the strikes on both sides of the Mississippi at St. Louis.

His book is a scholarly tour de force and a reference on which historians have come to depend ever since Burbank

unearthed the details of this strike and focused on its importance. Robert V. Bruce in his book *1877, Year of Violence*, Wilfred H. Crook in his *Communism and the General Strike*, and most recently Philip S. Foner in *The Great Labor Uprising of 1877*, all cite Burbank's book as an important resource.

Meanwhile, Burbank continues to keep a watchful eye over Olin and its treasures because, he says simply, "I love libraries." Also, he adds mischievously, "Learning firsthand about the American labor movement involved me in life with a capital L and has kept me from becoming a stuffy old man."

(Dorothy Brockhoff)

Center

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director of the center and Daniel J. Schoenekase is assistant director.

Eleven St. Louis-based firms, originally supporters of the Professional Development Program, are affiliated with the center and will help in its development as well as pay a yearly fee for its services: Anheuser-Busch, Inc., Blue Cross Plan of St. Louis, Brown Group, Inc., General American Life Insurance Co., Kellwood Co., Laclede Steel Co., Mallinckrodt, Inc., Missouri Pacific Corp., Ralston Purina Co., Pet, Inc., and Price Waterhouse & Co.

According to Rouse, the center and its affiliates plan to fulfill the needs of the burgeoning data processing field by conducting a continuous series of educational seminars open to all St. Louis firms (the Professional Development Program); establishing a library of more than 2000 books, 100 periodicals, 50 technical services, 50 newsletters, government publications, vendor literature and computerized bibliographic and abstract search services; developing an audio-visual training program; establishing computer laboratory facilities; providing intensive training seminars; continuing to support academic degree programs; and encouraging new careers for individuals who are about to enter the labor force or are returning to the labor force after a long absence.

Although the center is only a few months old, Benson and Rouse hope for major expansion in the future, including, by 1979, extension of the Professional Development Program throughout the Midwest.

For more information about the center, call 889-5330.

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and Liberty," organized by the Department of History, to examine a pivotal period of English parliamentary history—1559-1649. The intense struggle that ensued between the English executive (crown) and the legislative houses of Parliament during these years parallels in many ways the political-constitutional tug-of-war between our own president and congress during recent administrations.

The annual Founders Day Banquet on Oct. 14 should be a particularly memorable event with the return to St. Louis of William Webster, director of the FBI and WU alumnus and trustee, as principal speaker.

The WU School of Law will present a special series of nine symposia on the "Quest of Equality" this fall and spring.

It will cover major topics of importance from school desegregation to reverse discrimination and will include as speakers former solicitor generals of the United States and many recognized authorities on law. The first two symposia will fall within the four-week anniversary celebration. On Nov. 1, Professor Paul Freund of the Harvard Law School, a WU trustee, and Professor Thomas Nagel, Department of Philosophy, Princeton University, will participate in the symposium "Philosophy of Equality." On Nov. 8, Professor Oscar Handlin, Department of History, Harvard, and Judge Leon Higginbotham, U.S. Court of Appeals, Third Judicial Court, will take part in the symposium, "Equality in American History."

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U. City Honors WU's 125th

In honor of WU's 125th Anniversary, the University City Chamber of Commerce paid official tribute to the University by declaring the week of July 24 through July 30 as "Salute to Washington University Week" among all chamber members.

John B. Richardson, president of the U. City Chamber, asked all citizens of the city to join the chamber in observing the week. Richardson sent a letter to Chancellor William H. Danforth, in which he announced the official "Salute to Washington University Week." Richardson pointed out that a portion of WU's campus is a part of University City and that the University and the city have had a "close kin" relationship through the years.

Following are excerpts from Richardson's letter: "As 1978 marks the 125th Anniversary of Washington University, permit me to offer my sincere congratulations to you and to all of those concerned with WU on this most significant occasion.

"It is unfortunate, but true, that too often great institutions such as Washington University are taken for granted by citizens who benefit by their presence. While the 50,000 residents of U. City recognize and appreciate what Washington University has meant to their community through many decades, no doubt the occasion is rare when individuals or groups actually pause to express appreciation.

"Because of the latter fact, we believe that it is particularly important that we put down in writing to you our appreciation and recognition of how much your fine university has meant to U. City (and to the rest of Greater St. Louis and the state)."

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News Briefs

THE RED CROSS will be on campus Mon., Sept. 11, for an emergency blood drive. The drive is in addition to annual fall and spring semester drives. Whether you regularly give blood or you are a first-timer, your blood is needed now. The drive will be held from 10 a.m. to 4 p.m. in the Wohl Center Formal Lounge.

HENRY COURTENAY FENN, professor emeritus of Chinese Studies at WU, died Sat., July 22, of a heart attack. Professor Fenn, 84, resided at Kendall Longwood Retirement Community in Kennett Square, Pennsylvania. An internationally known authority on the Chinese language, Professor Fenn joined WU's Department of Chinese and Japanese in 1966 and served as its acting chairman during the 1966-67 academic year. He retired in 1968. At WU, he helped reorganize the department's Chinese language program and was instrumental in initiating a Chinese language program in St. Louis secondary schools.

THE ASIAN ART SOCIETY OF WU will sponsor a five-day guided tour of some of New England's finest Oriental art collections Thurs., Sept. 28, through Mon., Oct. 2. Call Jane Jacobs or David Thomas at 725-1633 for further information. Deadline for registration is Thurs., Sept. 14.



Peter H. Zimmerman

Whatever you call it—queuing up, getting in or on line—almost everyone did it at the bookstore last week as classes resumed.

Univ. Receives Original Drawings Of Eads Bridge

Eighty original shop drawings used in the construction of Eads Bridge, some of them sketched and signed by its designer and builder James Buchanan Eads, were presented to WU and the National Museum of Transport, St. Louis, at special ceremonies on the University's campus Tues., July 25.

These rare, detailed engineering drawings, under terms of a joint collecting policy between the University and the museum, have been placed on deposit in WU's archives. Long believed to be lost, the 80 documents were only recently discovered in leather pouches at the Ambridge plant of the American Bridge Division, United States Steel.

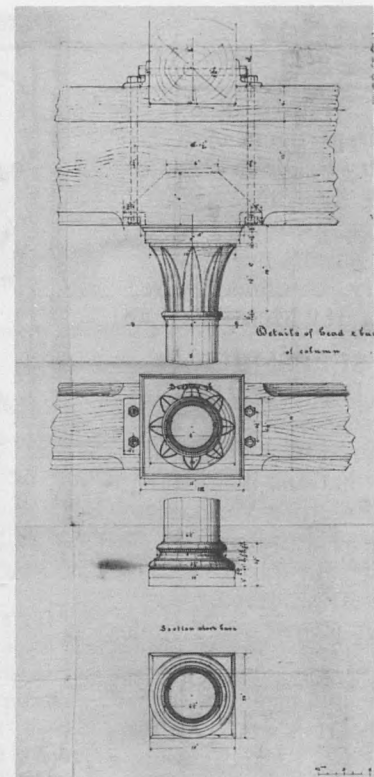
This cache supplements a collection of some 425 such drawings already housed at WU. They are on permanent loan to the University from the Terminal Railroad Association which retains title to them. WU's collection is believed to be the largest in the country. Some of the larger drawings in the archives are inscribed with pen on starched linen by Eads.

Chancellor William H. Danforth accepted this gift from Arthur P. Arndt, vice president, American Bridge Division, United States Steel, Pittsburgh, Pa. Vernon W. Piper, president of the board of directors of the National Museum of Transport, represented the museum.

Campus Y Offers A-Z Selection of Courses

With the advent of a monastic life of study at WU, do you fear that your mind-body communication will become rusty, that your expertise in northern Italian cuisine will curdle like cream on the shelf or that you will return to your favorite disco over winter break, woefully dated by a Spanish hustle? Take heart. The Campus Y is offering an array of courses this fall designed to keep you up to the minute, your body in shape and your mind at peace.

For the spiritual exerciser, the Y will hold workshops in



Sections of cast iron columns are shown in this sketch, one of 80 original Eads Bridge drawings presented to WU.

Among other distinguished guests was Joseph E. Vollmar, Jr., president, Vollmar Bros. Construction Co., and an authority on Eads Bridge. Vollmar is an alumnus of WU who earned bachelor of science degrees in civil engineering (B.S.C.E.) in 1941 and 1953.

Plans for Eads Bridge were first drawn up in 1867, and dedication ceremonies were held on July 4, 1874. It was not only the largest bridge of any type built until then, but it was also the first such structure to use alloy steel extensively in a long span. The bridge, 1627 feet long, is a National Historic Landmark.

bioenergetics, hatha yoga and holistic health. Nocturnal strollers may wish to enroll in self-defense for women or a hapkido course. For jet-setters, the Y offers "Continental Cuisine for Gourmet Cooks." Other selections include antique collecting, making a family tree and income tax returns.

YMCA/YWCA members and those in the WU community receive a 10 per cent discount and full-time WU students are entitled to a 50 per cent discount on fees. To register, call Ext. 5010.

Calendar

September 8-14

FRI., SEPTEMBER 8

4 p.m. Department of Chemistry Seminar, "Some Thermal Rearrangements Involving Silicon and Sulfur," Harold Kwart, prof. of chemistry, U. of Delaware, Newark. 311 McMillen Lab.

MON., SEPTEMBER 11

11 a.m. Department of Civil Engineering Seminar, "P-Covergent Finite Element Approximations in Linear Elastic Fracture Mechanics," Anil K. Mehta, engineer, Sverdrup and Parcel and Associates, St. Louis engineering firm. 100 Cupples II.

4 p.m. School of Fine Arts and Missouri Arts Council Lecture, with John O'Connor, visiting lecturer and painter. 304 Bixby.

WED., SEPTEMBER 13

11 a.m. Academic Committee Reading and Commentary, with James Kirkwood, author playwright and actor who wrote the script for *A Chorus Line*. Kirkwood received the Tony Award and a Pulitzer Prize in drama for 1976, both for *A Chorus Line*. Graham Chapel.

4 p.m. Department of Physics Colloquium, "Physical Principles of the Polymerization of Sickel-Cell Hemoglobin," Frank Ferrone, staff fellow, National Institutes of Health. 201 Crow.

Films

FRI., SEPTEMBER 8

7 and 10:30 p.m. WU Filmboard Feature, "Play It Again, Sam" and "Casablanca" (9 and 12:30 p.m.). Brown Hall Theatre. Admission \$1.50 for either or both films. (Also Sat., Sept. 9, same times, Brown; and Sun., Sept. 10, 8 p.m., Wohl Center.)

8 p.m. Office of Student Activities American Cinema Series, "Bill of Divorcement" and "Morning Glory," with Katharine Hepburn. Rebstock Auditorium. Admission \$1.50.

SAT., SEPTEMBER 9

8 p.m. Office of Student Activities American Cinema



"The Knight," a woodblock print from a 1561 edition of the *Works of Geoffrey Chaucer*, will be among printed works included in a 125th WU Anniversary exhibit, "Sixteen Years of Collection Building: Notable Gifts and Purchases, 1962-1978," sponsored by the Rare Books and Special Collections Department of Olin Library, Sept. 11-Nov. 30. The woodblock was also used to illustrate an earlier Pynson edition of the *Canterbury Tales*. The volume is part of the Edgar A. Hahn Collection, a gift received in 1972 from his daughter, Mrs. Stanley J. Goodman. See Exhibitions below for details.

Series, "The Philadelphia Story" and "Woman of the Year," with Katharine Hepburn. Rebstock Auditorium. Admission \$1.50.

MON., SEPTEMBER 11

7 and 9:30 p.m. WU Filmboard Series, "All the President's Men." Brown Hall Theatre. Admission \$1.50. (Also Tues., Sept. 12, same times, Brown.)

WED., SEPTEMBER 13

7:30 p.m. Department of Anthropology Film Series, "Flatland" and "Dead Birds." Rebstock Auditorium. No charge.

7:30 and 9:30 p.m. WU Filmboard Series, "Grand Illusion." Brown Hall Theatre. Admission \$1.50. (Also Thurs., Sept. 14, same times, Brown.)

Sports

SAT., SEPTEMBER 9

11 a.m. Third Annual WU Olympics Swimming Finals, Wilson Pool.

2 p.m. Third Annual WU Olympics Track Finals, Francis Field. (Rain Date: Sun., Sept. 10.)

7 p.m. Soccer, WU vs. Wheaton College, Wheaton, Ill. Francis Field.

TUES., SEPTEMBER 12

3:45 p.m. Women's Tennis, WU vs. Illinois College, Jacksonville. WU Tennis Courts.

THURS., SEPTEMBER 14

3:45 p.m. Women's Tennis, WU vs. Belleville Area College, Belleville, Ill. WU Tennis Courts.

Exhibitions

"Competition Drawings by James Stirling and Oswald Mashias Ungers," an exhibit including photographs of floor plans, elevations and models presented in recent competitions. School of Architecture, Givens Hall, main level. 8 a.m.-8 p.m., Mon.-Fri. Through Sept. 23.

"Sixteen Years of Collection Building: Notable Gifts and Purchases, 1962-1978," an exhibit of rare books. Rare Books and Special Collections, Olin Library, level five. 8:30 a.m.-5 p.m., Mon.-Fri. Sept. 11-Nov. 30.

Music

FRI., SEPTEMBER 8
8 p.m. Department of Music Concert, with the Lafayette Consort, performing a program of Italian and

English Baroque music on instruments of the period. Graham Chapel.

A HOT AIR BALLOON, designed by Claire Seng, WU senior in fine arts, will be launched Wed., Sept. 13, from the soccer field at Big Bend and Forsyth at noon. Seng's design was one of thirty by WU graphic communications seniors entered in a competition sponsored by the Raven Balloon Co. The balloon is valued at \$20,000.

THE SOCIETY of Professors Emeriti at WU will meet for lunch and a business meeting Mon., Sept. 11, beginning at 12:45 p.m. at Whittemore House. Business will include a report by the Committee on Rights and Privileges. For reservations, call Prof. Saul Rosenzweig at 429-0080.

DAVID BRONSEN, professor of German and comparative literature at WU, was awarded a grant by the American Council of Learned Societies for research for a proposed book, *Jewish Ambition in the Old World and in the New*. Bronsen was one of 106 scholars in the United States to receive an award following a national competition in January 1978. The idea for the new book, Bronsen said, developed as a result of research conducted for an earlier work, *Joseph Roth, Eine Biographie*, published in 1974 in Cologne, Germany, and proclaimed by German critics and scholars as one of the best 12 books published in Germany that year. Bronsen, who will be on sabbatical for the 1978-79 academic year, will lecture at a number of universities in Europe.

125th

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The anniversary celebration will officially begin with an all-campus birthday party on Oct. 13. A huge cake, hot dogs and soft drinks will be served in the Quadrangle, which will be decorated with banners by students at the School of Architecture. Activities will be accompanied by a brass band and the afternoon of the 13th will be a campus holiday.