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# W.U. RECORD

## \$22 Million Bond Offering for WU Will Finance Building, Energy Plan

The WU Board of Trustees last Friday directed the University to negotiate the issuance of \$22 million in tax exempt bonds with the Missouri Health and Educational Authority. The funds will be used to finance a number of construction, renovation and maintenance projects on the Hilltop and at the WU Medical Center and to refinance existing debt.

A significant portion of the funds, \$4 million, will be devoted to a major maintenance and energy conservation plan for the Hilltop campus. These projects will result in savings which will repay the loan plus interest.

Priority projects include repairs to roofs, gutters and interior walls and ceilings, installation of new windows and doors, and improvements to meet fire safety requirements and accessibility requirements for disabled persons.

A major fraction of the \$4 million plan will be devoted to energy conservation. The total fuel and electricity costs for the University this year will be approximately \$2.5 million. Projected costs for 1985 without improvements are \$5.1 million. The proposed program has a goal of 50 percent reduction in fuel consumption by 1982.

Projects to be included in the plan are: conversion of standing steam radiation to a hot water heating system in 20 buildings; elimination of cooling units in 12 buildings and installation of a chilled water loop to serve these buildings; installation of timers on window air conditioning units; a shutdown of low pressure steam distribution in summer

months; changes in the electrical distribution system; and modification of heating, ventilating and air conditioning systems in 11 buildings.

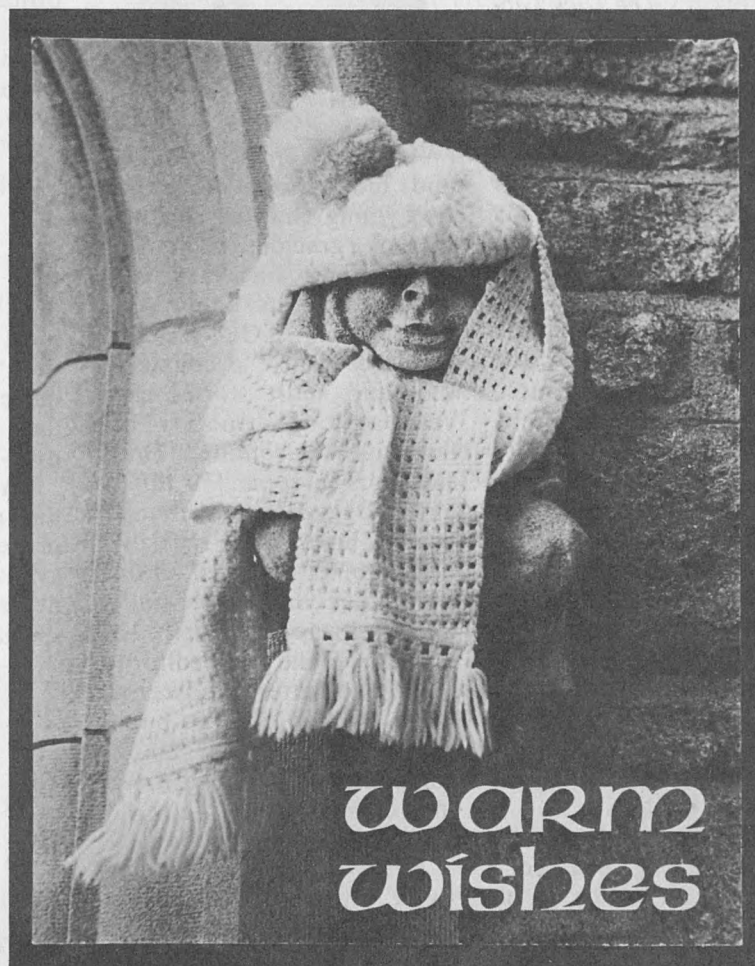
### Other Projects

Other projects to be financed by the offering are: refinancing existing debt, \$5 million, at lower rates of interest; implementation of the Engineering Facilities Improvement Plan, \$3 million; construction of the Millbrook Undergraduate Student Housing project, \$6 million, to be repaid from housing fees; and renovation of Renard Hospital in the WU Medical Center, \$4 million.

The Missouri Health and Educational Authority, an independent public body, enables private, not-for-profit health care and educational institutions to obtain tax exempt financing for proposed construction, expansion and modernization programs, as well as refinancing for outstanding capital debt.

John Biggs, vice chancellor for administration and finance, said that because of the tax exempt status of the bonds, the University will be able to borrow at a rate as low as 7.75 or 8 percent instead of the prime rate, currently at least 15 percent, as it has done in the past.

Missouri now joins numerous other states in the country which have a state mechanism comparable to that of the Authority. Other institutions which have obtained tax exempt financing are the Massachusetts General Hospital, Boston, Mass.; the University of Chicago, Loyola University of Chicago, Stanford, Harvard and Northwestern universities, and the University of Miami.



The staff of the *WU Record* wishes happy holidays to the WU community with this greeting card, designed by Amy Usdin, a sophomore in the WU School of Fine Arts from Prairie Village, Kan.

## Personal Contact, Careful Planning Lessen Barriers for Disabled

When the then Department of Health, Education and Welfare released guidelines two years ago on Section 504 of the Rehabilitation Act of 1973, which bars discrimination solely because of a physical disability, there was panic in some circles over the sweeping implications of the law and the ability of universities to comply with it. At WU, panic has been forestalled by a carefully considered, steady progress toward the deadline for compliance, June 1980.

"We have made advances so far but we also have a long way to go," said Philip D. Shelton, associate dean of the WU School of Law. Shelton heads a committee which, in 1978, conducted an institutional self-evaluation, issued recommendations and advises the administration on compliance with Section 504. Some committee members would also be called to serve on a grievance committee.

"The critical element is being alert and sensitive," Shelton said. "While the campus community has been tremendously cooperative, we need to increase constantly our efforts to raise the

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## Stanley Elkin Play Lauded in Chicago; May Come to WU

Something special may soon blow WU's way from the "Windy City." The contracts were yet to be signed as the *WU Record* went to press, but Richard H. Palmer, director of Edison Theatre, confirmed that WU writer-professor Stanley Elkin's *The Dick Gibson Show*, currently being staged in Chicago through the end of the year, may take to the road and play on campus early in 1980.

Elkin himself is on the move, having left last Sunday to be a guest speaker at a Writers' Conference in Hawaii sponsored by the East-West Center. He verified that "Novel Ventures," the company doing the play based on his book of the same name, may, indeed, bring it here in January. Frank Galati, associate professor in the department of interpretation, School of Speech, Northwestern University, who produced it at the Ruth Page Foundation Auditorium on North Dearborn Street late this fall, has been negotiating with Palmer while collecting "rave reviews" for it from Chicago critics.

Meanwhile, Elkin's newest book, *The Living End*, continues to garner kudos, as he divides his time between the classroom where he is teaching two courses this semester while serving as guest editor of *The Best American Short Stories for 1980*. Elkin is the third writer to be asked to edit this famous anthology since Martha Foley died in 1977 after putting out some 36 annual editions.

Ted Solotaroff, former editor of the now defunct *American Review*, was editor in 1978; Joyce Carol Oates was guest editor last year. They, as well as Elkin, collaborated on the project with free-lance writer-editor Shannon Ravenel. Now a St. Louisan, Ravenel also worked with Foley while serving for ten years as a Houghton-Mifflin editor in Boston. It was she who asked Elkin to take the job for the 1980 edition.

Wife of Dale Purves, MD



Stanley Elkin

(WU professor of physiology and biophysics), mother of two young children and mistress of a gracious old home in Ames Place furnished with antiques from her native Charleston, S.C., Ravenel regularly reads "a couple of thousand short stories each year although nobody believes it," she confided. These she finds in some 170 different magazines which she pigeon holes in a specially-built cabinet mounted on one wall of her comfortable study. She selects approximately 125 of these for the guest editor to read. The latter chooses between 20 and 25 for re-publication in the short story compilation and Ravenel lists the 100 she favors.

### Nearly Perfect Fiction

Foley included short stories by Elkin in three of her annuals, and Solotaroff selected another for a fourth. Ravenel considers Elkin "one of the finest writers in America." She met Elkin when she reviewed his fifth book, *Searches and Seizures*, for *St. Louis Today*, a newspaper published during the last St. Louis newspaper strike. Ravenel later wrote that she regarded the first of the three novellas in *Searches and Seizures*, as "a nearly perfect piece of fiction." Foley would have understood for it was she who coined the word "novella."

The Elkin-Ravenel 1980 short story anthology will be the 65th in the series which honors the American short story, "the most beleaguered of our literary forms and the waif of the magazine and publishing industry," according to Solotaroff.

## Contact—continued from p. 1

level of consciousness about the needs of disabled students."

Hazel Sprandel, WU associate director for special projects in the Office of Student Services and coordinator for the handicapped, estimates that there are between 20 to 30 students on the Hilltop campus at present whom she regards as disabled. Included in this number are temporarily disabled students and those with learning disabilities.

Among the many policy changes instituted in the past year and a half is the inclusion of a reference to the disabled in the non-discrimination statement included in many University publications. All colleges, schools and many administrative offices have been directed to provide "reasonable accommodation" for disabled students, including the use of auxiliary aids in the classroom and providing special testing situations if needed. A coordinator for the handicapped was appointed and grievance procedures were established. Shelton's committee was assigned to help establish priorities for architectural changes on the campus.

### Accessibility is Challenging Aspect

The most challenging aspect of compliance with Section 504 may be making the academic setting accessible.

"We tend to handle each case individually, looking for the most sensible ways to meet the needs of students," said Sprandel. "Sometimes this procedure involves moving a class to a more accessible room or providing students with classroom aids. A number of students on campus have volunteered as note-takers for hearing-disabled students."

As coordinator, Sprandel has established a network of contact persons for disabled students in each department and a procedure for moving classes. Several publications will soon be available which will give helpful information to disabled students. Recently, Sprandel has begun to look for funding for special projects related to disabled students.



A disabled student waits for an elevator, one aspect of University efforts to adapt the campus to the needs of the disabled.

"In some cases, students have adjusted well to their disabilities and require little extra help. For instance," Sprandel said, "there was a deaf student last year who read lips so well that her teachers did not even know she was deaf. We became aware of her disability when she alerted the instructor that she could not read his lips in the dark when he was projecting overhead transparencies."

Moving classes, however, is a stopgap in the long-range task of making the University's physical plant accessible to mobility-impaired individuals. Robert Reinhardt, assistant vice chancellor and associate administrator of physical facilities, believes that, considering the tremendous funds and planning needed to make the campus barrier-free, WU has done well so far.

"We're equal to the middle of the pack or better among older universities as far as achieving physical accessibility," said Reinhardt. "Under the guidelines of Section 504, all renovation and future construction must be barrier-free. We have planned very carefully to get the greatest benefit from improvements we are making."

One important project completed recently was the installation of a three-story elevator between Rebstock Hall and Busch Laboratory, which, when used in conjunction with numerous ramps, makes not only these buildings but the Monsanto Laboratory of the Life Sciences and the Life Sciences Support

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## FACULTY NOTES

Gray L. Dorsey, Charles Nagel Professor of Jurisprudence and International Law in the WU School of Law, has been named chairperson of the Missouri Bar Advisory Committee on Citizenship Education, an interdisciplinary committee which is concerned with Missouri's law-related education program.

Michel Rybalka, WU professor of French, has been elected president of the Midwest Modern Languages Association.

John A. Stern, WU professor of psychology, was awarded the Pavlovian Society Award for outstanding contributions to experimental psychology at the group's recent meeting in St. Petersburg, Fla. Stern, has

studied what movements of the eye reveal about reading comprehension. Recently, he has been investigating head and eye movements of automobile drivers under conditions of stress and fatigue.

Elizabeth R. Williamson, Sr., director of admissions at the George Warren Brown School of Social Work at WU, has been named president of the St. Louis Public Library board of directors.

Benjamin S. Sandler, WU director of financial aids, was elected to the College Scholarship Service Council of the College Board during the annual business meeting of the College Scholarship Service Assembly in New Orleans. Sandler will serve for a three-year term.

## Student Team Takes Top Honors In Computer Programming Contest

For the second year in a row, a team of WU students won the first place trophy in the North Central Regional Computer Programming Contest held recently at Grinnell College, Iowa. The WU team competed with some 20 other groups in the contest's sixth annual regional event.

The winning members are Stephen F. Karasek, team captain and coach, a first-year computer science graduate student from Omaha, Nebr.; David J. Camp, a senior in computer science from Pine Lawn, Mo.; Nathan E. Schroeder, a junior in mathematics from Clayton, Mo.; and Michael J. Zyda, a

fourth-year graduate student working on his doctorate in computer science from Northridge, Calif.

The WU team was one of two competitors to correctly solve three of the four complex computer problems presented within the six-hour time limit. North Michigan State also solved three problems, but finished later.

The winning regional teams will compete at the national finals in Kansas City, Mo. on Feb. 13. Last year, a WU team defeated defending champion Massachusetts Institute of Technology (MIT) in the national contest.

## Benefits Change

At midnight, Dec. 31, Blue Cross/Blue Shield family protection ends for dependent children who have reached age 23 during the current year. For continued health care coverage, these dependent children must be enrolled in a sponsored program before Dec. 31. Call the personnel office, Ext. 5990, for information on applying for the sponsored program.

**Note to Campus Community:** The *WU Record* will not publish for the next month, due to the holiday recess. The next issue of the *WU Record* will be Jan. 17; deadline is Jan. 11.

The *WU Record* is published weekly during the academic year by the Information Office. Editor: Ruth E. Thaler; calendar editor: Charlotte Boman. Address all communications to Box 1142.

## Room Dedication Ceremonies Honor Two Late WU Professors

Dedication ceremonies for two rooms, remodeled and named in the memories of Russell R. Pfeiffer and Eric Weger, former professors of the WU School of Engineering and Applied Science, were held recently in Urbauer Hall and Cupples Hall II.

Pfeiffer joined the Department of Electrical Engineering in 1966, becoming chairman of the department four years later. Known for his work in auditory physiology, he also held a faculty position with the Department of Physiology and Biophysics at the WU School of Medicine, establishing a biomedical engineering laboratory there which served as a training ground for many graduate students.

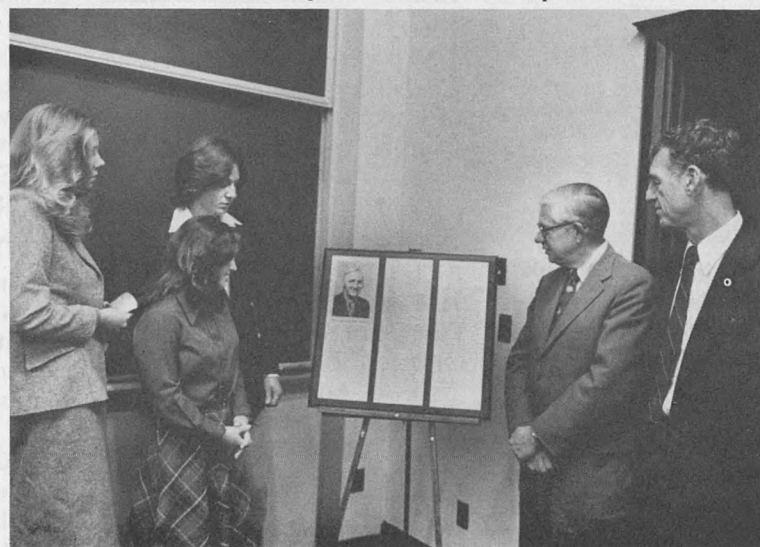
Highlights of Pfeiffer's career included pioneering work in the study of the cochlea and developing advanced digital computer instrumentation. Pfeiffer also helped found model programs in biomedical engineering and health care technology through informal arrangements with a dozen depart-

ments in the Schools of Engineering and Medicine. He died in a car accident 1975.

Eric Weger joined the WU Department of Chemical Engineering in 1960 and was appointed department chairman in 1963. He developed a strong research orientation and the department eventually grew under his leadership to include 40 graduate students and an annual \$500,000 in research support.

Concerned with quality education, Weger hired only those with strong teaching abilities; during a seven-year period, five of his appointments won the Teacher of the Year award in the School of Engineering. He died in 1977.

The Weger Room at 313 Urbauer houses the late professor's library and a portrait, while the Pfeiffer Room at 218 Cupples II contains a wall plaque in Pfeiffer's honor. Both rooms were designed for remodeling by WU architect Benjamin E. Berry. Contributions for the renovations were made by friends, colleagues and former students of the two professors.



Children of the late Russell R. Pfeiffer (from left) Jane E., Nancy A. and John W., examine a memorial plaque honoring their father, a former WU professor of engineering who was killed in an auto accident in 1975, during a recent dedication ceremony of the Pfeiffer Room, 218 Cupples II. Looking on are James M. McKelvey, dean of the School of Engineering and Applied Sciences, and Chancellor William H. Danforth. (Photo by Peter H. Zimmerman)

## Retirement Course Open

A spring session of "Preparation for Retirement" will be offered to faculty, staff and administrators from 7:30 p.m. to 9 p.m. on Tuesdays, Feb. 5 through Mar. 11 at the Brentwood Recreation Complex,

2505 S. Brentwood Blvd. Dates for a second series of meetings will be announced.

For applications, call Gloria White, WU personnel director, at Ext. 5990 or Betsey Mackey at the Family and Children's Service, 371-6500.



## Calendar

Dec. 14-Jan. 17, 1980

The WU Observatory will be closed Dec. 8 to Jan. 21.

FRIDAY, DECEMBER 14

**2 p.m. Departments of Technology and Human Affairs and Computer Science Seminar, "Policy Issues in Public Broadcasting,"** Maxine Rockoff, vice president for planning research, Corporation for Public Broadcasting. 215 Cupples II.

MONDAY, DECEMBER 17

**11 a.m. Department of Civil Engineering Seminar, "Safety of Structural Systems,"** Mircea Grigoriu, asst. prof. of civil engineering, U. of Waterloo, Ontario, Canada. 100 Cupples II.

**2 p.m. Department of Chemistry Seminar, "Magnetic Resonance Studies of the Subunit Cooperativity and Inequivalence in Hemoglobin Using Cobalt-Substituted Myoglobin and Hemoglobin,"** Takashi Yotani, prof. of chemistry, U. of Pennsylvania. 311 McMillen Lab.

**4 p.m. Department of Chemistry Seminar, "Molecular Dynamics Simulation of Precritical Nuclei,"** Patricia L. M. Plummer, Graduate Center for Cloud Physics Research, U. of Mo., Rolla. 311 McMillen Lab.

WEDNESDAY, JAN. 16, 1980

**11 a.m. Academic Committee Lecture,** with Nat Hentoff, staff writer, *The Village Voice* and *The New Yorker* magazines. Graham Chapel.

**2 p.m. Academic Committee Discussion,** with Nat Hentoff, author. Ann Whitney Olin Women's Building Lounge.

## Exhibitions

### WU Centennial Faculty

**Exhibition** of works by some 40 current and former faculty members. WU Gallery of Art. Steinberg Hall. 9 a.m.-5 p.m., Mon.-Fri.; 1-5 p.m., Sat., Sun. Historical segment, upper gallery, through Jan. 31. Contemporary segment, lower gallery, through Jan. 6.

**"Werner Drewes—Prints,"** a selection of color woodcuts and etchings by this world-renowned Bauhaus artist. Bixby Gallery, Bixby Hall. 10 a.m.-12 noon; 1-4 p.m., Mon.-Fri. Through Dec. 14.

**Joint Show by Paul and Diane Maurer,** an exhibit of calligraphy, photography and fiber works. There will be an opening reception Sunday, Jan. 6, from 3-5 p.m. Bixby Gallery, Bixby Hall. 10 a.m.-noon, 1-4 p.m., weekdays. Jan. 6-25.

**"Recent Acquisitions."** Rare Books and Special Collections, Olin Library, level 5. 8:30 a.m.-5 p.m., Mon.-Fri. Through Dec. 31.

**"The Treatment of Cataract Through the 18th Century."** WU Medical School Library Annex, 615 S. Taylor, 8:30 a.m.-5 p.m., Mon.-Fri. Through Dec. 31.

**"19th Century American Selections from the WU Permanent Collection."** WU Gallery of Art, Print Gallery, Steinberg Hall. 9 a.m.-5 p.m., Mon.-Fri.; 1-5 p.m., Sat., Sun. Through Jan. 18.

## Music

FRIDAY, DECEMBER 14  
**7:30 p.m. WU Wind Ensemble Chamber Concert,** featuring the "Prevailing Winds Quintet." Graham Chapel.

## Films

FRIDAY, DECEMBER 14  
**7:30 and 9:45 p.m. WU Filmboard Series, "Clockwork Orange."** Brown Hall Theatre. Admission \$1.75 (Also Sat., Dec. 15, same times, Brown.)

**12 midnight. WU Filmboard Series, "Mean Streets."** Brown Hall Theatre. Admission \$1. (Also Sat., Dec. 15, midnight, Brown.)

## Sports

TUESDAY, JAN. 15, 1980  
**7:30 p.m. Women's Basketball,** WU vs. Lindenwood College. WU Field House.

THURSDAY, JANUARY 17  
**7:30 p.m. Women's Basketball,** WU vs. Missouri Valley College. WU Field House.

## Edward Kalachek Dies; Was Former Head of WU Economics Department

A graveside service for Edward D. Kalachek, WU professor of economics and a former chairman of the department of economics, was held Monday afternoon at Beth Hamedrosh Hagodol Cemetery, 9125 Ladue Road. Kalachek, 49, died Sunday, Dec. 9, at his home in Clayton Mo., apparently of a heart attack.

Plans for a special memorial service on campus honoring Kalachek, a native St. Louisan, were incomplete at the time the *WU Record* went to press. Charles L. Leven, chairman of the Department of Economics, said it would probably be held shortly after the New Year.

Kalachek joined the WU faculty in 1964, after having held important governmental positions in Washington, D.C. He served for five years as an economist for the Board of Governors of the Federal Reserve system before joining the staff of the Council of Economic Advisers during the Kennedy administration.

Noted for his teaching excellence and distinguished service at WU, he was elected to the Senate Council for a three-year term in the spring, 1979. Last year, Kalachek served as chairman of the Senate Council's Standing Committee on Salaries and Fringe Benefits.

## Contact—

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Building totally accessible to wheelchairs.

An elevator will also be included in the Engineering Facilities Improvement Plan in construction on the northeast corner of campus which, when in place and connected with ramps, will allow wheelchair traffic to move unimpeded to the Sever Institute and Urbauer Hall. Ramps have also been installed in Eliot, the Crow-Compton laboratory area and to Brown and Wilson halls. Reinhardt estimates the total cost of installing ramps so far at between \$25,000 and \$30,000.

Other buildings which are fully accessible at this time are Compton and McMillen laboratories, Crow, Eliot, Mudd, and Bryan halls, Olin Library, and the Field House.

Partially accessible buildings (usually meaning only the ground floor is accessible via ramps) are Brown, Wilson, Ridgley, and Louderman halls, Mallinckrodt Center, Francis Gym, Gaylord Library, Wohl Center, and many of the South-40 residence halls. The new residence hall currently under construction at the site of the faculty apartments on Millbrook Blvd. will be accessible to the first floor. A system of ramps to the Quadrangle is still in the planning stages.

Other changes to the physical plant include renovation of some restrooms and the widening of some entries and doorways. A few laboratories have been altered to accommodate wheelchairs.

—Charlotte Boman