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W.U. RECORD

WU’s Largest Scholarship Fund
Weights Character Over Grades

The late Edna L. Burger, an 87-year-old South St. Louisian who never attended college, has bequeathed over $2 million to WU and St. Louis University for scholarships to students who show “an ability to get along with their fellowmen.” Her gift is the largest, single scholarship fund in the history of the schools.

Burger said in her will that she “has seen many youthful persons of average academic ability get along with their fellowmen.” She had watched these persons develop to make substantial contributions to society, improve the communities in which they lived and establish themselves successfully in life. “Many of these persons would never have been successful in obtaining an academic competitive scholarship.”

In addition, Burger directed that the scholarship recipients need not be qualified for academic scholarships, but shall be elected on the basis of having reasonable intelligence, a pleasant and sincere personality, the apparent ability to get along with others and other desirable qualities of character that contribute to an individual’s success in later life.

So far, 65 WU students have received Burger scholarships, named for their benefactor and her mother, Adeline Burger. The number of scholarships awarded each year will depend upon the amount of income generated by the trust fund.

The gift from Burger provides for each university to receive annual earnings from her $2,391,368 estate, held in trust by Tower Grove Bank and Trust Co., in St. Louis.

A lifelong resident of St. Louis, Burger died on March 16, 1979. She was a private person who handled bookkeeping for a liquor business owned by her father, Theodore E. Burger, and managed her large investments in stocks and bonds.

Cup of Oolong a Day Shown To Be Good Preventive Dentistry

A cup of tea may be just what the dentist ordered if you happen to live in an area where the drinking water is not commercially fluoridated.

According to Memory Elvin-Lewis, associate professor of microbiology at the WU School of Dental Medicine, an average cup of oolong tea contains 50 times as much fluoride as one cup of fluoridated drinking water.

She concluded this after studying the fluoride content of 55 different brands and types of tea. Fluoride, a naturally occurring compound of the gas fluorine, has been shown to reduce tooth decay in children by as much as 60 per cent when taken in various forms, including toothpaste and drinking water.

“One-quarter of the United States still lacks commercially fluoridated water systems,” Elvin-Lewis pointed out in her study. “A conscientious dentist is concerned about those patients who resist fluoridation procedures. Certain teas can be a potent ‘natural’ alternative in preventive dentistry.”

Tea has long been known as a source of organic fluorides, and its cavity-fighting effect has been demonstrated in animal studies and among British school children, Elvin-Lewis said. But she is the first to test precisely how the fluoride content varies depending on what type of tea is used, how it is prepared and how it is consumed. She also looked at tea’s effect on the cavity-producing activities of bacteria. Her results showed a great range among the three basic kinds of tea—black or fermented, green or unfermented, and oolong or semifermented.

Approximately one quart of commercially fluoridated water (one part per million) is considered an effective daily dose of fluoride. In a comparative analysis, Elvin-Lewis found roughly equivalent amounts of fluoride in 100 cans (12 oz.) of canned tea; 8-10 cups (8 oz.) of Ceylonese blacks and instant; 4-5 cups of Indian blacks and black blends; 1 to 1 ½ cups of China blacks; three-quarters cup of green and Russian; and one-eighth cup of oolong. In most preparations, tea was mixed with plain boiling water and brewed for 10 minutes. Sun-brewed tea showed the same test results.

Elvin-Lewis also found an unexpected cavity-fighting benefit in the tannins present in tea. Tannins are plant substances often used on animal skins to make them resistant to decomposition. In the mouth, they help inhibit the microorganisms that cause tooth decay, she said.

Tea sometimes causes tooth stains and can contribute to the formation of mineralized deposits, Elvin-Lewis admits. But...continued on p. 3
What's for Dinner? For Some, It's Homemade, Creative and Kosher

The aroma of cooking glazed sweet potatoes and succulent rib roast drifting out of the windows of Hillel House, 6300 Forsyth, has enticed people to wander in and request service at the "restaurant." Hillel, a religious and social organization serving Jewish students at WU, is certainly not a restaurant. But because of the culinary efforts of cook Dee Wolff, and the role she happily plays as surrogate mother to WU students on the kosher meal plan, a truer "Mom's Diner" could not be found.

Professional Food Management (PFM), which operates the campus's food facilities, hired Wolff a year ago to plan and prepare meals for students restricted to kosher diets. She opened shop at Hillel, which maintains a strict kosher kitchen. There, in accordance with Biblical and Talmudic dietary laws, meats and dairy products are handled separately, and special pots, pans and dishes are used in food preparation. Non-kosher foods—shell fish, pork, non-kosher meats—are prohibited. The Hillel kitchen operates under the direction of Vaad Hoeir, a group of rabbis and inspectors who enforce the laws in kosher facilities.

The restrictions imposed by such strict observance of kosher laws seem only to encourage Wolff's lively imagination in the kitchen, producing such untraditional kosher dishes as eggplant parmesan and non-meat quiche and lasagna. Since she cooks by taste rather than by recipe, Wolff often seeks the opinions of others, offering samples of her concoctions to the Hillel secretaries. Frequently, the final product is a result of a consensus.

Wolff feels that her duties encompass more than that of a cook. She holds monthly meetings with the 40 students on the kosher meal plan to discuss menus for the coming month. While she realizes that it's impossible to satisfy everyone, Wolff thinks she's pleased most students.

"Before I was hired, PFM bought TV-type dinners from a local kosher butcher. Many students didn't like this system because the dinners contained many starchy foods and only rarely fresh vegetables," Wolff said. "Since I've started here, the number of students on the kosher meal plan has increased.

When Wolff began cooking last fall, 15 students were on the kosher plan. By the end of the school year, the number had doubled. This fall, 38 students opted for the kosher meal plan and two more have joined during the semester.

"I try to cook like their mothers would," Wolff said. "I serve my WU students the same things I give my kids at home. That means no pre-packaged foods."

Occasionally, her efforts are repaid by an especially grateful student. "One young man brought his parents in to meet me," Wolff recalled. "He told his mother that my cole slaw was as good as hers. That was quite a compliment."

WU Fine Arts Professor Sculpts Statue for Air Force Museum

A bronze sculpture of a World War II airman and a ground crew member by H. Richard Duhme, Jr., professor in the WU School of Fine Arts, was dedicated recently at the Air Force Museum near Dayton, Ohio.

The statue, which depicts the camaraderie that existed between the flight and support personnel of the 92nd Bombardment Group, who served with the Eighth Air Force over Europe during World War II, was unveiled at military ceremonies at the museum, located at Wright-Patterson Air Force Base.

Some 200 of those who served with this group, known throughout the war as "Fame's Favored Few," attended the event as part of a weekend reunion. Duhme, who served in the Eighth Air Force, 1110th Signal Service Group, as a radio and radar mechanic, and attained the rank of staff sergeant, was one of several speakers at the ceremonies.

The 92nd Bombardier Group, which operated from 1942-1945, flew 208 missions (some 8633 sorties) and dropped 42,000,000 pounds of bombs over Europe during World War II. The oldest group in the Eighth Air Force, it received the Distinguished Unit Citation on Jan. 11, 1944.

One of its members, Flight Officer John C. Morgan, copilot, was awarded the Medal of Honor for action aboard a B-17 during a mission over Europe on July 26, 1943. Attacked by enemy fighters, the plane was badly damaged and its pilot severely wounded during the air battle. Somehow, Morgan managed to fly the plane for two hours with one hand at the controls and the other struggling to hold off the confused pilot who had suffered a terrible brain injury. With the help of a crew member who managed to subdue the pilot, Morgan brought the plane back safely to its British base.

Many of those present commended Duhme for his portrayal of the close bonds between the men. Dorris Magness, widow of a lieutenant killed on his fourth mission in 1944, fought back tears at the solemn ceremonies. She described Duhme's work as "marvelous. The men were just like brothers. They depended on each other. Duhme has really captured this spirit," she concluded.

Duhme, who earned the BFA degree at WU's School of Fine Arts in 1953, has been a member of the faculty for more than 30 years. He designed the Missouri Sesquicentennial Medallion for the state's 150th anniversary of statehood in 1971.

New Publication For Freshman Writing Inaugurated

Essays by seven members of last year's WU freshman class were published recently in the second edition of Kaleidoscope, A Journal of Freshman Writing, inaugurated last year by the WU Department of English.


Free copies of Kaleidoscope are available in Duncker Hall, room 118.
Soccer Bears Finish Season  
With Chance for Regional Match

The WU Bears soccer team will have to wait until next Monday to find out whether or not it has won a berth in the National Collegiate Athletic Association (NCAA) Division III regional tournament Nov. 14 and 15 at a location still to be announced.

"We would have been guaranteed a playoff spot had we beaten MacMurray College," Coach Joe Carenza Jr. said. The 1-0 loss to MacMurray last Saturday was the only game the Bears have dropped all season to a team in their division.

"We just didn't play at MacMurray," Coach Carenza said. "We stood around and watched the game. We were lethargic."

The next day at home, the Bears played their last game of the season against Quincy College, a National Intercollegiate Athletic Association team. Quincy won, 2-1, in overtime.

Arthur Jurema, the Bears' top scorer with nine season goals, kicked in the first goal of the game. But Quincy came back in the second half to tie and put the game into overtime. Quincy scored in the first 10-minute overtime period and the Bears couldn't tie them.

"I was proud of our team in the Quincy game," Carenza said. "Quincy is a strong team. In fact, they beat UMSL (University of Missouri at St. Louis) the day before, ending an 11-game UMSL winning streak."

The Bears concluded their regular season play with a 16-5 record. In addition to Quincy and MacMurray, other losses came against Western Illinois University, 3-0, a Division I team; University of Evansville, 2-1, another Division I team; and finally UMSL, 2-0, a Division II team.

A high spot in the season was the Bears' first win of the season over Avila College, 1-0, in overtime. "We also played very well against Evansville, even though we lost," said Carenza.

Three seniors played their last regular season game for WU last Sunday against Quincy. They are Jurema, Matt Klosterman and Mike Feld.

Last year, the soccer Bears took third place in the Division III finals at Trenton, N.J. In 1978, they placed second.

Campus Police Offices Move to New Quarters

The WU campus police department has moved to new quarters at the old St. Clair House, 6930 Millbrook Blvd.

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just east of the KETC-TV (Channel Nine) complex. Their phone number, Ext. 5555, has not changed. The Police Department previously was located at 206 N. Big Bend Blvd. That space, which WU's finest shared with students and faculty in the WU School of Fine Arts, is now entirely sculpture and ceramics studios.

Faculty Notes

Harold Blumenfeld, professor of music, has been chosen an ASCAP (American Society of Composers, Authors and Publishers) Award recipient. Granted by an independent panel of music educators, the awards are based upon the unique prestige value of each writer's catalogue and the performances of compositions.

The American College of Hospital Administrators presented its Silver Medal Award to James O. Hepner at the organization's recent meeting in Montreal. The award is given to an outstanding health-care executive in a non-hospital situation. Hepner is an associate professor and director of the Health Administration and Planning Program at the School of Medicine.

Wallace L. Jones, WU director of the Consortium for Graduate Study in Management, presented a paper entitled, "Issues in Evaluation of Minority Applicants" at the Graduate Management Ad-


Richard J. Parvis, associate professor of social work, is on leave of absence in Assuit, Egypt, until August 1981, as part of an assignment to study, develop and strengthen social units in rural and urban areas in Egypt. The Egyptian Ministry of Social Affairs and a team of social work professors from the University of North Carolina School of Social Work, Chapel Hill, are also involved in the project.

John D. Sprague, professor of political science, will continue to serve for two more years on the Council of the Inter-University Consortium for Political and Social Research (ICPSR). He was first elected to that position in 1978. Sprague is one of ten prominent social scientists who are serving on the ICPSR Council at the present time.

Dentistry—continued from p. 1

these things do not cause decay. In fact, she noted, certain tan-
nin substances were once used in Japan and parts of Africa to
blacken the teeth and to protect against cavities.

Because of tea's high caffeine content, the advisability of tea drinking among very young children is a controversial subject.

The study by Elvin-Lewis, however, indicates that de-
caffeinated varieties of tea contain just as much fluoride and
tannins as caffeinated teas. And since oolong tea is so fluoride-
rich, less than one-half cup provides an effective daily dose.

Elvin-Lewis plans to conduct a similar study of the fluoride content of herbal teas.
Friday, Nov. 7
12:30 p.m. WU Woman's Club Luncheon, Gerald D. Boies, director, WU Gallery of Art, will speak. Stix International House, 6470 Forsyth. Free baby-sitting available. For reservations call 863-5273.


Monday, Nov. 10
11 a.m. Department of Civil Engineering Seminar, "Finite Element Seismic Response Analysis of Fossil-Fuel Power Plant Structures," Henry T. Yang, prof. of aeronautics and astronautics, Purdue U. 100 Cupples II.

12:45 p.m. Society of Professors Emeriti Luncheon and election. Homer E. Sayad, senior vice president, Mark Twain Bathtub Co., Inc., speaks on "Recent Happenings in Iran—A Perspective." Whitemore House.

1 p.m. Assembly Series Lecture, "Developing an American Indian Literature," Simon Ortiz, director of Native American Studies, U. of New Mexico, and poet. Co-sponsored by the Department of English, Hurst Lounge, Duncker Hall.


8:30 p.m. School of Architecture Lecture, "Recent Work and Venturi, Rauch and Scott Brown," Frederic Schwartz, Philadelphia architect. Steinberg Hall Auditorium.

Tuesday, Nov. 11
11 a.m. Asian Art Society Slide Lecture, "The Tao-teh, the Makara and the Ch'i-h-wel (The Beginning, the Middle and the End): A Christmas Carol," Nelson Wu, WU Edward Mallinckrodt Distinguished University Professor of Art and Chinese Culture. Steinberg Hall Auditorium.

3 p.m. Department of History Lecture, "China's Political Elite: The Early 20th Century," Chang P'eng-yuan, prof. of history and director, Graduate Institute of History, Taiwan. Normal U. Co-sponsored by the Committee on Asian Studies. 113 Busch.

4 p.m. Department of English Poetry and Fiction Readings Series with Jim Barnes, native American poet, and Howard E. Schwartz, St. Louis poet, reading their works. Hurst Lounge, Duncker Hall.


Wednesday, Nov. 12
2 p.m. Department of Technology and Human Affairs Seminar, "Health Effects of Industrialization," Gustave L. Davis, WU assoc. prof. of pathology, School of Medicine. 102 Eads.

4 p.m. Department of Physics Colloquium, "Research into the Paranormal: Science or Non-science?" H. Puthoff, Science Research Institute, Menlo Park, California. Co-sponsored by the Department of Psychology. 201 Crow.

Thursday, Nov. 13
2:15 p.m. Department of Mechanical Engineering Colloquium, "Hydrogen Fuel in the Subcompact Automobile," Roger Billings, Billings Energy Corp., Independence, Mo. 100 Cupples II.


This construction of Plexiglas, aluminum and fluorescent light entitled "Sign Number One," created by Louis D. Miksicke, assistant to the dean of the WU School of Fine Arts, is part of the "Visual Catalogue Exhibition" now on view in Bixby Gallery.

Friday, Nov. 7
7:30 and 9:30 p.m. WU Filmboard Series, "Norma Rae." Brown. $1.75. (Also Sat., Nov. 8, same time, Brown.)

8 p.m. Classic American Cinema Film Series, "A Farewell to Arms" and "Wuthering Heights." Restock. $2.

Monday, Nov. 10
7:30 and 9:30 p.m. WU Filmboard Series, "Rocky and Bullwinkle," "Three Stooges." Brown. $1.00. (Also Sat., Nov. 8, same time, Brown.)

Saturday, Nov. 8

Sunday, Nov. 9
2 p.m. WU Gallery of Art Film, "Greek Pottery." Steinberg Hall Auditorium. (Also 12 noon, Wed., Nov. 12, Steinberg.)

Monday, Nov. 10
7:30 and 9:30 p.m. WU Filmboard Series, "The Last Picture Show." Brown. $1.75. (Also Tues., Nov. 11, same time, Brown.)

Wednesday, Nov. 12
7:30 and 9:15 p.m. WU Filmboard Series, "Hiroshima, Mon Amour." Brown. $1.75. (Also Thurs., Nov. 13, same time, Brown.)

Music

Saturday, Nov. 8

Sports

Saturday, Nov. 8
7 p.m. Football, WU vs. Colorado College. Francis Field.

International Law Society Sponsors Talk on Islam
A University of Virginia scholar, Kenneth W. Thompson, professor of government and foreign affairs and director of the White Burkett Miller Center of Public Affairs, will discuss "Morality and Foreign Policy: Nationalism and Islam today (Nov. 6) at 4 p.m., room 302, Mudd Hall.

His lecture is sponsored by the newly organized International Law Society of WU's School of Law and the WU Center for the Study of Public Affairs, department of political science.